# Evaluation of SIFT and AKAZE Performance

## Overall Analysis

Total Keypoints SIFT: 934763

Total Keypoints AKAZE: 417547

Best Method Overall: AKAZE

Reason: AKAZE is faster and adequate

## Timing Evaluation

Folder: S027

Train Image: S027-01-t10\_01.ppm

Val Image: S027-01-t10\_03.ppm

SIFT Time: 2.621088266372681 seconds

AKAZE Time: 1.01720142364502 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S027

Train Image: S027-01-t10\_01.ppm

Val Image: S027-01-t10\_02.ppm

SIFT Time: 0.5989294052124023 seconds

AKAZE Time: 0.3366875648498535 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S008

Train Image: S008-07-t10\_01.ppm

Val Image: S008-04-t10\_01.ppm

SIFT Time: 0.2238078117370605 seconds

AKAZE Time: 0.1110680103302002 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S008

Train Image: S008-03-t10\_01.ppm

Val Image: S008-04-t10\_01.ppm

SIFT Time: 0.2275662422180176 seconds

AKAZE Time: 0.1149406433105469 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S008

Train Image: S008-02-t10\_01.ppm

Val Image: S008-04-t10\_01.ppm

SIFT Time: 0.3263075351715088 seconds

AKAZE Time: 0.211174488067627 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S008

Train Image: S008-01-t10\_01.ppm

Val Image: S008-04-t10\_01.ppm

SIFT Time: 0.3334941864013672 seconds

AKAZE Time: 0.2786180973052979 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S008

Train Image: S008-06-t10\_01.ppm

Val Image: S008-04-t10\_01.ppm

SIFT Time: 0.2309343814849854 seconds

AKAZE Time: 0.1240708827972412 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S008

Train Image: S008-05-t10\_01.ppm

Val Image: S008-04-t10\_01.ppm

SIFT Time: 0.4082183837890625 seconds

AKAZE Time: 0.1946706771850586 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S015

Train Image: S015-02-t10\_01.ppm

Val Image: S015-03-t10\_01.ppm

SIFT Time: 0.1573474407196045 seconds

AKAZE Time: 0.0810096263885498 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S015

Train Image: S015-01-t10\_01.ppm

Val Image: S015-03-t10\_01.ppm

SIFT Time: 0.1485247611999512 seconds

AKAZE Time: 0.08246660232543945 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S001

Train Image: S001-02-t10\_01.ppm

Val Image: S001-08-t10\_03.ppm

SIFT Time: 0.3585798740386963 seconds

AKAZE Time: 0.2203280925750732 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S001

Train Image: S001-02-t10\_01.ppm

Val Image: S001-08-t10\_01.ppm

SIFT Time: 0.3780667781829834 seconds

AKAZE Time: 0.2285580635070801 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S001

Train Image: S001-02-t10\_01.ppm

Val Image: S001-07-t10\_01.ppm

SIFT Time: 0.2581136226654053 seconds

AKAZE Time: 0.1257505416870117 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S001

Train Image: S001-03-t10\_01.ppm

Val Image: S001-08-t10\_03.ppm

SIFT Time: 0.2753303050994873 seconds

AKAZE Time: 0.128035306930542 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S001

Train Image: S001-03-t10\_01.ppm

Val Image: S001-08-t10\_01.ppm

SIFT Time: 0.2355051040649414 seconds

AKAZE Time: 0.1323046684265137 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S001

Train Image: S001-03-t10\_01.ppm

Val Image: S001-07-t10\_01.ppm

SIFT Time: 0.2519130706787109 seconds

AKAZE Time: 0.1345391273498535 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S001

Train Image: S001-06-t10\_01.ppm

Val Image: S001-08-t10\_03.ppm

SIFT Time: 0.2445847988128662 seconds

AKAZE Time: 0.1313884258270264 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S001

Train Image: S001-06-t10\_01.ppm

Val Image: S001-08-t10\_01.ppm

SIFT Time: 0.356569766998291 seconds

AKAZE Time: 0.4575016498565674 seconds

Fastest Method: SIFT (SIFT lebih cepat)

Folder: S001

Train Image: S001-06-t10\_01.ppm

Val Image: S001-07-t10\_01.ppm

SIFT Time: 0.3669562339782715 seconds

AKAZE Time: 0.2363395690917969 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S001

Train Image: S001-04-t10\_01.ppm

Val Image: S001-08-t10\_03.ppm

SIFT Time: 0.2240705490112305 seconds

AKAZE Time: 0.1265740394592285 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S001

Train Image: S001-04-t10\_01.ppm

Val Image: S001-08-t10\_01.ppm

SIFT Time: 0.2214951515197754 seconds

AKAZE Time: 0.1260800361633301 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S001

Train Image: S001-04-t10\_01.ppm

Val Image: S001-07-t10\_01.ppm

SIFT Time: 0.2269704341888428 seconds

AKAZE Time: 0.1244797706604004 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S001

Train Image: S001-05-t10\_01.ppm

Val Image: S001-08-t10\_03.ppm

SIFT Time: 0.2520682811737061 seconds

AKAZE Time: 0.1250989437103271 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S001

Train Image: S001-05-t10\_01.ppm

Val Image: S001-08-t10\_01.ppm

SIFT Time: 0.2386510372161865 seconds

AKAZE Time: 0.1233735084533691 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S001

Train Image: S001-05-t10\_01.ppm

Val Image: S001-07-t10\_01.ppm

SIFT Time: 0.2591617107391357 seconds

AKAZE Time: 0.1150922775268555 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S001

Train Image: S001-01-t10\_01.ppm

Val Image: S001-08-t10\_03.ppm

SIFT Time: 0.3787467479705811 seconds

AKAZE Time: 0.1830902099609375 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S001

Train Image: S001-01-t10\_01.ppm

Val Image: S001-08-t10\_01.ppm

SIFT Time: 0.3639881610870361 seconds

AKAZE Time: 0.3262708187103271 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S001

Train Image: S001-01-t10\_01.ppm

Val Image: S001-07-t10\_01.ppm

SIFT Time: 0.3014369010925293 seconds

AKAZE Time: 0.1187081336975098 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S001

Train Image: S001-08-t10\_02.ppm

Val Image: S001-08-t10\_03.ppm

SIFT Time: 0.2344462871551514 seconds

AKAZE Time: 0.1452224254608154 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S001

Train Image: S001-08-t10\_02.ppm

Val Image: S001-08-t10\_01.ppm

SIFT Time: 0.2331972122192383 seconds

AKAZE Time: 0.1336507797241211 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S001

Train Image: S001-08-t10\_02.ppm

Val Image: S001-07-t10\_01.ppm

SIFT Time: 0.2324659824371338 seconds

AKAZE Time: 0.1291463375091553 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S001

Train Image: S001-09-t10\_01.ppm

Val Image: S001-08-t10\_03.ppm

SIFT Time: 0.2717878818511963 seconds

AKAZE Time: 0.1235871315002441 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S001

Train Image: S001-09-t10\_01.ppm

Val Image: S001-08-t10\_01.ppm

SIFT Time: 0.2189366817474365 seconds

AKAZE Time: 0.1297042369842529 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S001

Train Image: S001-09-t10\_01.ppm

Val Image: S001-07-t10\_01.ppm

SIFT Time: 0.3356020450592041 seconds

AKAZE Time: 0.2352974414825439 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S006

Train Image: S006-03-t10\_01.ppm

Val Image: S006-01-t10\_01.ppm

SIFT Time: 0.2269001007080078 seconds

AKAZE Time: 0.1120843887329102 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S006

Train Image: S006-02-t10\_01.ppm

Val Image: S006-01-t10\_01.ppm

SIFT Time: 0.2205650806427002 seconds

AKAZE Time: 0.1103785037994385 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S013

Train Image: S013-02-t10\_01.ppm

Val Image: S013-01-t10\_01.ppm

SIFT Time: 0.389528751373291 seconds

AKAZE Time: 0.2044291496276855 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S023

Train Image: S023-04-t10\_01.ppm

Val Image: S023-02-t10\_01.ppm

SIFT Time: 0.3131327629089355 seconds

AKAZE Time: 0.2051749229431152 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S023

Train Image: S023-04-t10\_01.ppm

Val Image: S023-01-t10\_01.ppm

SIFT Time: 0.3254942893981934 seconds

AKAZE Time: 0.2155692577362061 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S023

Train Image: S023-03-t10\_01.ppm

Val Image: S023-02-t10\_01.ppm

SIFT Time: 0.4678711891174316 seconds

AKAZE Time: 0.1173851490020752 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S023

Train Image: S023-03-t10\_01.ppm

Val Image: S023-01-t10\_01.ppm

SIFT Time: 0.2374575138092041 seconds

AKAZE Time: 0.1180143356323242 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S029

Train Image: S029-03-t10\_01.ppm

Val Image: S029-02-t10\_01.ppm

SIFT Time: 0.2046482563018799 seconds

AKAZE Time: 0.1100952625274658 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S029

Train Image: S029-03-t10\_01.ppm

Val Image: S029-01-t10\_01.ppm

SIFT Time: 0.2223949432373047 seconds

AKAZE Time: 0.1100513935089111 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S022

Train Image: S022-01-t10\_01.ppm

Val Image: S022-02-t10\_01.ppm

SIFT Time: 0.07164764404296875 seconds

AKAZE Time: 0.04553914070129395 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S044

Train Image: S044-07-t10\_01.ppm

Val Image: S044-05-t10\_01.ppm

SIFT Time: 0.2112123966217041 seconds

AKAZE Time: 0.1377472877502441 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S044

Train Image: S044-07-t10\_01.ppm

Val Image: S044-04-t10\_01.ppm

SIFT Time: 0.3711192607879639 seconds

AKAZE Time: 0.2157132625579834 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S044

Train Image: S044-09-t10\_01.ppm

Val Image: S044-05-t10\_01.ppm

SIFT Time: 0.2478387355804443 seconds

AKAZE Time: 0.1238911151885986 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S044

Train Image: S044-09-t10\_01.ppm

Val Image: S044-04-t10\_01.ppm

SIFT Time: 0.2264361381530762 seconds

AKAZE Time: 0.1215009689331055 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S044

Train Image: S044-08-t10\_01.ppm

Val Image: S044-05-t10\_01.ppm

SIFT Time: 0.2198143005371094 seconds

AKAZE Time: 0.1249828338623047 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S044

Train Image: S044-08-t10\_01.ppm

Val Image: S044-04-t10\_01.ppm

SIFT Time: 0.2292361259460449 seconds

AKAZE Time: 0.1453456878662109 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S044

Train Image: S044-01-t10\_01.ppm

Val Image: S044-05-t10\_01.ppm

SIFT Time: 0.2280628681182861 seconds

AKAZE Time: 0.1166200637817383 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S044

Train Image: S044-01-t10\_01.ppm

Val Image: S044-04-t10\_01.ppm

SIFT Time: 0.2442960739135742 seconds

AKAZE Time: 0.1220650672912598 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S044

Train Image: S044-06-t10\_01.ppm

Val Image: S044-05-t10\_01.ppm

SIFT Time: 0.3534102439880371 seconds

AKAZE Time: 0.2094137668609619 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S044

Train Image: S044-06-t10\_01.ppm

Val Image: S044-04-t10\_01.ppm

SIFT Time: 0.3813645839691162 seconds

AKAZE Time: 0.1399455070495605 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S044

Train Image: S044-03-t10\_01.ppm

Val Image: S044-05-t10\_01.ppm

SIFT Time: 0.2315826416015625 seconds

AKAZE Time: 0.1190047264099121 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S044

Train Image: S044-03-t10\_01.ppm

Val Image: S044-04-t10\_01.ppm

SIFT Time: 0.2398366928100586 seconds

AKAZE Time: 0.1165428161621094 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S044

Train Image: S044-02-t10\_01.ppm

Val Image: S044-05-t10\_01.ppm

SIFT Time: 0.2506511211395264 seconds

AKAZE Time: 0.12123703956604 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S044

Train Image: S044-02-t10\_01.ppm

Val Image: S044-04-t10\_01.ppm

SIFT Time: 0.2401988506317139 seconds

AKAZE Time: 0.1145436763763428 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S032

Train Image: S032-03-t10\_01.ppm

Val Image: S032-01-t10\_01.ppm

SIFT Time: 0.2595031261444092 seconds

AKAZE Time: 0.1651160717010498 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S032

Train Image: S032-02-t10\_01.ppm

Val Image: S032-01-t10\_01.ppm

SIFT Time: 0.2207391262054443 seconds

AKAZE Time: 0.1399810314178467 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S045

Train Image: S045-01-t10\_02.ppm

Val Image: S045-01-t10\_01.ppm

SIFT Time: 0.2387254238128662 seconds

AKAZE Time: 0.1237797737121582 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S031

Train Image: S031-03-t10\_01.ppm

Val Image: S031-01-t10\_01.ppm

SIFT Time: 0.2272281646728516 seconds

AKAZE Time: 0.1335763931274414 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S031

Train Image: S031-03-t10\_01.ppm

Val Image: S031-02-t10\_01.ppm

SIFT Time: 0.2574059963226318 seconds

AKAZE Time: 0.1280450820922852 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S031

Train Image: S031-04-t10\_01.ppm

Val Image: S031-01-t10\_01.ppm

SIFT Time: 0.2384729385375977 seconds

AKAZE Time: 0.1491432189941406 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S031

Train Image: S031-04-t10\_01.ppm

Val Image: S031-02-t10\_01.ppm

SIFT Time: 0.3623454570770264 seconds

AKAZE Time: 0.2087414264678955 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S031

Train Image: S031-06-t10\_01.ppm

Val Image: S031-01-t10\_01.ppm

SIFT Time: 0.5207240581512451 seconds

AKAZE Time: 0.2036800384521484 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S031

Train Image: S031-06-t10\_01.ppm

Val Image: S031-02-t10\_01.ppm

SIFT Time: 0.3236312866210938 seconds

AKAZE Time: 0.1315486431121826 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S031

Train Image: S031-05-t10\_01.ppm

Val Image: S031-01-t10\_01.ppm

SIFT Time: 0.2178220748901367 seconds

AKAZE Time: 0.1426107883453369 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S031

Train Image: S031-05-t10\_01.ppm

Val Image: S031-02-t10\_01.ppm

SIFT Time: 0.2721147537231445 seconds

AKAZE Time: 0.1380035877227783 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S030

Train Image: S030-04-t10\_01.ppm

Val Image: S030-03-t10\_01.ppm

SIFT Time: 0.2362525463104248 seconds

AKAZE Time: 0.129542350769043 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S030

Train Image: S030-04-t10\_01.ppm

Val Image: S030-01-t10\_01.ppm

SIFT Time: 0.2555611133575439 seconds

AKAZE Time: 0.1489531993865967 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S030

Train Image: S030-02-t10\_01.ppm

Val Image: S030-03-t10\_01.ppm

SIFT Time: 0.3401305675506592 seconds

AKAZE Time: 0.2458949089050293 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S030

Train Image: S030-02-t10\_01.ppm

Val Image: S030-01-t10\_01.ppm

SIFT Time: 0.3762884140014648 seconds

AKAZE Time: 0.3501174449920654 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S030

Train Image: S030-05-t10\_01.ppm

Val Image: S030-03-t10\_01.ppm

SIFT Time: 0.243309497833252 seconds

AKAZE Time: 0.1237568855285645 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S030

Train Image: S030-05-t10\_01.ppm

Val Image: S030-01-t10\_01.ppm

SIFT Time: 0.2911248207092285 seconds

AKAZE Time: 0.1558098793029785 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S033

Train Image: S033-01-t10\_01.ppm

Val Image: S033-04-t10\_01.ppm

SIFT Time: 0.1817617416381836 seconds

AKAZE Time: 0.09793376922607422 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S033

Train Image: S033-03-t10\_01.ppm

Val Image: S033-04-t10\_01.ppm

SIFT Time: 0.1928331851959229 seconds

AKAZE Time: 0.0930783748626709 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S033

Train Image: S033-05-t10\_01.ppm

Val Image: S033-04-t10\_01.ppm

SIFT Time: 0.1879050731658936 seconds

AKAZE Time: 0.08274507522583008 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S033

Train Image: S033-06-t10\_01.ppm

Val Image: S033-04-t10\_01.ppm

SIFT Time: 0.3033318519592285 seconds

AKAZE Time: 0.1698715686798096 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S033

Train Image: S033-07-t10\_01.ppm

Val Image: S033-04-t10\_01.ppm

SIFT Time: 0.2441766262054443 seconds

AKAZE Time: 0.1271569728851318 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S033

Train Image: S033-02-t10\_01.ppm

Val Image: S033-04-t10\_01.ppm

SIFT Time: 0.1744465827941895 seconds

AKAZE Time: 0.0807650089263916 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S036

Train Image: S036-03-t10\_01.ppm

Val Image: S036-01-t10\_01.ppm

SIFT Time: 0.1592855453491211 seconds

AKAZE Time: 0.08352375030517578 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S036

Train Image: S036-02-t10\_01.ppm

Val Image: S036-01-t10\_01.ppm

SIFT Time: 0.2079038619995117 seconds

AKAZE Time: 0.09873390197753906 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S048

Train Image: S048-07-t10\_01.ppm

Val Image: S048-03-t10\_01.ppm

SIFT Time: 0.1762945652008057 seconds

AKAZE Time: 0.1390361785888672 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S048

Train Image: S048-07-t10\_01.ppm

Val Image: S048-05-t10\_01.ppm

SIFT Time: 0.1792366504669189 seconds

AKAZE Time: 0.09121561050415039 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S048

Train Image: S048-02-t10\_01.ppm

Val Image: S048-03-t10\_01.ppm

SIFT Time: 0.1922829151153564 seconds

AKAZE Time: 0.08842206001281738 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S048

Train Image: S048-02-t10\_01.ppm

Val Image: S048-05-t10\_01.ppm

SIFT Time: 0.2049729824066162 seconds

AKAZE Time: 0.1530146598815918 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S048

Train Image: S048-04-t10\_01.ppm

Val Image: S048-03-t10\_01.ppm

SIFT Time: 0.3223738670349121 seconds

AKAZE Time: 0.1370627880096436 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S048

Train Image: S048-04-t10\_01.ppm

Val Image: S048-05-t10\_01.ppm

SIFT Time: 0.2447876930236816 seconds

AKAZE Time: 0.1191136837005615 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S048

Train Image: S048-06-t10\_01.ppm

Val Image: S048-03-t10\_01.ppm

SIFT Time: 0.1767077445983887 seconds

AKAZE Time: 0.08714652061462402 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S048

Train Image: S048-06-t10\_01.ppm

Val Image: S048-05-t10\_01.ppm

SIFT Time: 0.1960456371307373 seconds

AKAZE Time: 0.08713221549987793 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S048

Train Image: S048-01-t10\_01.ppm

Val Image: S048-03-t10\_01.ppm

SIFT Time: 0.1804409027099609 seconds

AKAZE Time: 0.08697843551635742 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S048

Train Image: S048-01-t10\_01.ppm

Val Image: S048-05-t10\_01.ppm

SIFT Time: 0.1832866668701172 seconds

AKAZE Time: 0.07997393608093262 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S051

Train Image: S051-02-t10\_01.ppm

Val Image: S051-01-t10\_01.ppm

SIFT Time: 0.05582427978515625 seconds

AKAZE Time: 0.03740429878234863 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S046

Train Image: S046-02-t10\_01.ppm

Val Image: S046-01-t10\_01.ppm

SIFT Time: 0.174705982208252 seconds

AKAZE Time: 0.0801076889038086 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S068

Train Image: S068-04-t10\_01.ppm

Val Image: S068-01-t10\_01.ppm

SIFT Time: 0.294933557510376 seconds

AKAZE Time: 0.2086217403411865 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S068

Train Image: S068-04-t10\_01.ppm

Val Image: S068-02-t10\_01.ppm

SIFT Time: 0.3643379211425781 seconds

AKAZE Time: 0.2350544929504395 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S068

Train Image: S068-04-t10\_01.ppm

Val Image: S068-07-t10\_01.ppm

SIFT Time: 0.2513027191162109 seconds

AKAZE Time: 0.1390182971954346 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S068

Train Image: S068-04-t10\_01.ppm

Val Image: S068-05-t10\_01.ppm

SIFT Time: 0.2393701076507568 seconds

AKAZE Time: 0.1185176372528076 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S068

Train Image: S068-06-t10\_01.ppm

Val Image: S068-01-t10\_01.ppm

SIFT Time: 0.2447981834411621 seconds

AKAZE Time: 0.114901065826416 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S068

Train Image: S068-06-t10\_01.ppm

Val Image: S068-02-t10\_01.ppm

SIFT Time: 0.228198766708374 seconds

AKAZE Time: 0.1237003803253174 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S068

Train Image: S068-06-t10\_01.ppm

Val Image: S068-07-t10\_01.ppm

SIFT Time: 0.2463347911834717 seconds

AKAZE Time: 0.1258950233459473 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S068

Train Image: S068-06-t10\_01.ppm

Val Image: S068-05-t10\_01.ppm

SIFT Time: 0.338550329208374 seconds

AKAZE Time: 0.2150111198425293 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S068

Train Image: S068-03-t10\_01.ppm

Val Image: S068-01-t10\_01.ppm

SIFT Time: 0.3057537078857422 seconds

AKAZE Time: 0.2235622406005859 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S068

Train Image: S068-03-t10\_01.ppm

Val Image: S068-02-t10\_01.ppm

SIFT Time: 0.2293577194213867 seconds

AKAZE Time: 0.1172990798950195 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S068

Train Image: S068-03-t10\_01.ppm

Val Image: S068-07-t10\_01.ppm

SIFT Time: 0.2501058578491211 seconds

AKAZE Time: 0.1237955093383789 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S068

Train Image: S068-03-t10\_01.ppm

Val Image: S068-05-t10\_01.ppm

SIFT Time: 0.2267746925354004 seconds

AKAZE Time: 0.1192739009857178 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S064

Train Image: S064-02-t10\_01.ppm

Val Image: S064-01-t10\_01.ppm

SIFT Time: 0.3521406650543213 seconds

AKAZE Time: 0.2349927425384521 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S059

Train Image: S059-01-t10\_01.ppm

Val Image: S059-01-t10\_02.ppm

SIFT Time: 1.07734203338623 seconds

AKAZE Time: 0.5804750919342041 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S058

Train Image: S058-01-t10\_01.ppm

Val Image: S058-02-t10\_01.ppm

SIFT Time: 0.2485215663909912 seconds

AKAZE Time: 0.1189179420471191 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S058

Train Image: S058-03-t10\_01.ppm

Val Image: S058-02-t10\_01.ppm

SIFT Time: 0.2522852420806885 seconds

AKAZE Time: 0.1306023597717285 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S052

Train Image: S052-02-t10\_01.ppm

Val Image: S052-03-t10\_01.ppm

SIFT Time: 0.1569862365722656 seconds

AKAZE Time: 0.08359789848327637 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S052

Train Image: S052-02-t10\_01.ppm

Val Image: S052-01-t10\_01.ppm

SIFT Time: 0.1673812866210938 seconds

AKAZE Time: 0.08645462989807129 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S076

Train Image: S076-01-t10\_01.ppm

Val Image: S076-02-t10\_01.ppm

SIFT Time: 0.2681653499603271 seconds

AKAZE Time: 0.1762533187866211 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S054

Train Image: S054-03-t10\_01.ppm

Val Image: S054-01-t10\_01.ppm

SIFT Time: 0.3296775817871094 seconds

AKAZE Time: 0.200167179107666 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S054

Train Image: S054-02-t10\_01.ppm

Val Image: S054-01-t10\_01.ppm

SIFT Time: 0.2159874439239502 seconds

AKAZE Time: 0.1124696731567383 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S065

Train Image: S065-02-t10\_01.ppm

Val Image: S065-01-t10\_01.ppm

SIFT Time: 0.2745406627655029 seconds

AKAZE Time: 0.1362082958221436 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S073

Train Image: S073-01-t10\_02.ppm

Val Image: S073-01-t10\_01.ppm

SIFT Time: 0.1644647121429443 seconds

AKAZE Time: 0.08143401145935059 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S069

Train Image: S069-02-t10\_01.ppm

Val Image: S069-01-t10\_01.ppm

SIFT Time: 0.09046006202697754 seconds

AKAZE Time: 0.05501103401184082 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S108

Train Image: S108-04-t10\_01.ppm

Val Image: S108-02-t10\_01.ppm

SIFT Time: 0.2389607429504395 seconds

AKAZE Time: 0.4142675399780273 seconds

Fastest Method: SIFT (SIFT lebih cepat)

Folder: S108

Train Image: S108-01-t10\_01.ppm

Val Image: S108-02-t10\_01.ppm

SIFT Time: 0.330193042755127 seconds

AKAZE Time: 0.1951267719268799 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S108

Train Image: S108-03-t10\_01.ppm

Val Image: S108-02-t10\_01.ppm

SIFT Time: 0.2338447570800781 seconds

AKAZE Time: 0.1258065700531006 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S078

Train Image: S078-02-t10\_02.ppm

Val Image: S078-01-t10\_01.ppm

SIFT Time: 0.4302172660827637 seconds

AKAZE Time: 0.2711443901062012 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S078

Train Image: S078-02-t10\_02.ppm

Val Image: S078-02-t10\_01.ppm

SIFT Time: 0.5727729797363281 seconds

AKAZE Time: 0.3645882606506348 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S078

Train Image: S078-03-t10\_01.ppm

Val Image: S078-01-t10\_01.ppm

SIFT Time: 0.3750934600830078 seconds

AKAZE Time: 0.2319967746734619 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S078

Train Image: S078-03-t10\_01.ppm

Val Image: S078-02-t10\_01.ppm

SIFT Time: 0.7396862506866455 seconds

AKAZE Time: 0.444441556930542 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S078

Train Image: S078-04-t10\_01.ppm

Val Image: S078-01-t10\_01.ppm

SIFT Time: 0.2466566562652588 seconds

AKAZE Time: 0.1282510757446289 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S078

Train Image: S078-04-t10\_01.ppm

Val Image: S078-02-t10\_01.ppm

SIFT Time: 0.4213476181030273 seconds

AKAZE Time: 0.2368009090423584 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S098

Train Image: S098-02-t10\_01.ppm

Val Image: S098-01-t10\_01.ppm

SIFT Time: 0.2102479934692383 seconds

AKAZE Time: 0.151151180267334 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S095

Train Image: S095-02-t10\_01.ppm

Val Image: S095-01-t10\_01.ppm

SIFT Time: 0.2451770305633545 seconds

AKAZE Time: 0.1357977390289307 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S096

Train Image: S096-01-t10\_01.ppm

Val Image: S096-02-t10\_01.ppm

SIFT Time: 0.2638463973999023 seconds

AKAZE Time: 0.216423511505127 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S093

Train Image: S093-01-t10\_01.ppm

Val Image: S093-02-t10\_01.ppm

SIFT Time: 0.7617125511169434 seconds

AKAZE Time: 0.3502929210662842 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S101

Train Image: S101-02-t10\_01.ppm

Val Image: S101-01-t10\_01.ppm

SIFT Time: 0.163402795791626 seconds

AKAZE Time: 0.09578704833984375 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S088

Train Image: S088-02-t10\_01.ppm

Val Image: S088-01-t10\_01.ppm

SIFT Time: 0.2261030673980713 seconds

AKAZE Time: 0.1123747825622559 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S099

Train Image: S099-02-t10\_01.ppm

Val Image: S099-01-t10\_01.ppm

SIFT Time: 0.3043134212493896 seconds

AKAZE Time: 0.2165331840515137 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S099

Train Image: S099-02-t10\_01.ppm

Val Image: S099-03-t10\_01.ppm

SIFT Time: 0.2375810146331787 seconds

AKAZE Time: 0.1272568702697754 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S085

Train Image: S085-01-t10\_01.ppm

Val Image: S085-01-t10\_03.ppm

SIFT Time: 0.7321882247924805 seconds

AKAZE Time: 0.3937091827392578 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S085

Train Image: S085-01-t10\_02.ppm

Val Image: S085-01-t10\_03.ppm

SIFT Time: 0.7810616493225098 seconds

AKAZE Time: 0.6539101600646973 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S133

Train Image: S133-03-t10\_01.ppm

Val Image: S133-01-t10\_01.ppm

SIFT Time: 0.219447135925293 seconds

AKAZE Time: 0.1791312694549561 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S133

Train Image: S133-02-t10\_01.ppm

Val Image: S133-01-t10\_01.ppm

SIFT Time: 0.2026934623718262 seconds

AKAZE Time: 0.08427739143371582 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S118

Train Image: S118-01-t10\_01.ppm

Val Image: S118-03-t10\_01.ppm

SIFT Time: 0.07210874557495117 seconds

AKAZE Time: 0.04000067710876465 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S118

Train Image: S118-02-t10\_01.ppm

Val Image: S118-03-t10\_01.ppm

SIFT Time: 0.06250119209289551 seconds

AKAZE Time: 0.04332661628723145 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S120

Train Image: S120-01-t10\_02.ppm

Val Image: S120-01-t10\_01.ppm

SIFT Time: 0.665424108505249 seconds

AKAZE Time: 0.3608853816986084 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S132

Train Image: S132-01-t10\_01.ppm

Val Image: S132-02-t10\_01.ppm

SIFT Time: 1.026421308517456 seconds

AKAZE Time: 0.4391069412231445 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S111

Train Image: S111-05-t10\_01.ppm

Val Image: S111-03-t10\_01.ppm

SIFT Time: 0.1584987640380859 seconds

AKAZE Time: 0.08746671676635742 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S111

Train Image: S111-01-t10\_01.ppm

Val Image: S111-03-t10\_01.ppm

SIFT Time: 0.2010536193847656 seconds

AKAZE Time: 0.1079955101013184 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S111

Train Image: S111-04-t10\_01.ppm

Val Image: S111-03-t10\_01.ppm

SIFT Time: 0.2733662128448486 seconds

AKAZE Time: 0.1253478527069092 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S111

Train Image: S111-02-t10\_01.ppm

Val Image: S111-03-t10\_01.ppm

SIFT Time: 0.2426576614379883 seconds

AKAZE Time: 0.1217188835144043 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S124

Train Image: S124-02-t10\_01.ppm

Val Image: S124-01-t10\_01.ppm

SIFT Time: 0.3332164287567139 seconds

AKAZE Time: 0.2482810020446777 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S130

Train Image: S130-02-t10\_01.ppm

Val Image: S130-01-t10\_01.ppm

SIFT Time: 0.3044631481170654 seconds

AKAZE Time: 0.1831626892089844 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S134

Train Image: S134-02-t10\_01.ppm

Val Image: S134-04-t10\_01.ppm

SIFT Time: 0.2550947666168213 seconds

AKAZE Time: 0.1522409915924072 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S134

Train Image: S134-02-t10\_01.ppm

Val Image: S134-06-t10\_01.ppm

SIFT Time: 0.2364327907562256 seconds

AKAZE Time: 0.1212637424468994 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S134

Train Image: S134-02-t10\_01.ppm

Val Image: S134-03-t10\_01.ppm

SIFT Time: 0.2356452941894531 seconds

AKAZE Time: 0.1182582378387451 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S134

Train Image: S134-05-t10\_01.ppm

Val Image: S134-04-t10\_01.ppm

SIFT Time: 0.252070426940918 seconds

AKAZE Time: 0.1331467628479004 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S134

Train Image: S134-05-t10\_01.ppm

Val Image: S134-06-t10\_01.ppm

SIFT Time: 0.4147577285766602 seconds

AKAZE Time: 0.1951973438262939 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S134

Train Image: S134-05-t10\_01.ppm

Val Image: S134-03-t10\_01.ppm

SIFT Time: 0.3165707588195801 seconds

AKAZE Time: 0.1849994659423828 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S134

Train Image: S134-07-t10\_01.ppm

Val Image: S134-04-t10\_01.ppm

SIFT Time: 0.2603168487548828 seconds

AKAZE Time: 0.1342155933380127 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S134

Train Image: S134-07-t10\_01.ppm

Val Image: S134-06-t10\_01.ppm

SIFT Time: 0.2754693031311035 seconds

AKAZE Time: 0.1217496395111084 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S134

Train Image: S134-07-t10\_01.ppm

Val Image: S134-03-t10\_01.ppm

SIFT Time: 0.2381830215454102 seconds

AKAZE Time: 0.1207654476165771 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S134

Train Image: S134-01-t10\_01.ppm

Val Image: S134-04-t10\_01.ppm

SIFT Time: 0.2550508975982666 seconds

AKAZE Time: 0.1382095813751221 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S134

Train Image: S134-01-t10\_01.ppm

Val Image: S134-06-t10\_01.ppm

SIFT Time: 0.238323450088501 seconds

AKAZE Time: 0.1324663162231445 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S134

Train Image: S134-01-t10\_01.ppm

Val Image: S134-03-t10\_01.ppm

SIFT Time: 0.2363636493682861 seconds

AKAZE Time: 0.1197760105133057 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S134

Train Image: S134-08-t10\_01.ppm

Val Image: S134-04-t10\_01.ppm

SIFT Time: 0.3968989849090576 seconds

AKAZE Time: 0.2579357624053955 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S134

Train Image: S134-08-t10\_01.ppm

Val Image: S134-06-t10\_01.ppm

SIFT Time: 0.3570210933685303 seconds

AKAZE Time: 0.2028205394744873 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S134

Train Image: S134-08-t10\_01.ppm

Val Image: S134-03-t10\_01.ppm

SIFT Time: 0.2254054546356201 seconds

AKAZE Time: 0.1172161102294922 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S117

Train Image: S117-02-t10\_01.ppm

Val Image: S117-01-t10\_01.ppm

SIFT Time: 0.1546404361724854 seconds

AKAZE Time: 0.08289599418640137 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S112

Train Image: S112-02-t10\_01.ppm

Val Image: S112-01-t10\_01.ppm

SIFT Time: 0.1617691516876221 seconds

AKAZE Time: 0.08266782760620117 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S166

Train Image: S166-02-t10\_02.ppm

Val Image: S166-01-t10\_01.ppm

SIFT Time: 0.3468966484069824 seconds

AKAZE Time: 0.197361946105957 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S166

Train Image: S166-02-t10\_01.ppm

Val Image: S166-01-t10\_01.ppm

SIFT Time: 0.5087738037109375 seconds

AKAZE Time: 0.318448543548584 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S148

Train Image: S148-02-t10\_01.ppm

Val Image: S148-01-t10\_01.ppm

SIFT Time: 0.2167425155639648 seconds

AKAZE Time: 0.1145772933959961 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S148

Train Image: S148-04-t10\_01.ppm

Val Image: S148-01-t10\_01.ppm

SIFT Time: 0.2106339931488037 seconds

AKAZE Time: 0.1231775283813477 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S148

Train Image: S148-03-t10\_01.ppm

Val Image: S148-01-t10\_01.ppm

SIFT Time: 0.2339575290679932 seconds

AKAZE Time: 0.1180179119110107 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S164

Train Image: S164-02-t10\_02.ppm

Val Image: S164-01-t10\_01.ppm

SIFT Time: 0.3922152519226074 seconds

AKAZE Time: 0.2075297832489014 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S164

Train Image: S164-02-t10\_01.ppm

Val Image: S164-01-t10\_01.ppm

SIFT Time: 0.5726101398468018 seconds

AKAZE Time: 0.3157639503479004 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S150

Train Image: S150-01-t10\_01.ppm

Val Image: S150-02-t10\_01.ppm

SIFT Time: 0.08736109733581543 seconds

AKAZE Time: 0.07100701332092285 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S146

Train Image: S146-02-t10\_01.ppm

Val Image: S146-01-t10\_01.ppm

SIFT Time: 0.09932756423950195 seconds

AKAZE Time: 0.03995704650878906 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S145

Train Image: S145-01-t10\_02.ppm

Val Image: S145-01-t10\_01.ppm

SIFT Time: 0.6432228088378906 seconds

AKAZE Time: 0.365978479385376 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S138

Train Image: S138-02-t10\_01.ppm

Val Image: S138-01-t10\_01.ppm

SIFT Time: 0.7672250270843506 seconds

AKAZE Time: 0.5563957691192627 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S163

Train Image: S163-02-t10\_01.ppm

Val Image: S163-01-t10\_01.ppm

SIFT Time: 0.3372719287872314 seconds

AKAZE Time: 0.233140230178833 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S142

Train Image: S142-05-t10\_01.ppm

Val Image: S142-01-t10\_01.ppm

SIFT Time: 0.2435019016265869 seconds

AKAZE Time: 0.1261968612670898 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S142

Train Image: S142-05-t10\_01.ppm

Val Image: S142-06-t10\_01.ppm

SIFT Time: 0.2408511638641357 seconds

AKAZE Time: 0.1123528480529785 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S142

Train Image: S142-05-t10\_01.ppm

Val Image: S142-03-t10\_01.ppm

SIFT Time: 0.2208800315856934 seconds

AKAZE Time: 0.1139242649078369 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S142

Train Image: S142-05-t10\_01.ppm

Val Image: S142-02-t10\_01.ppm

SIFT Time: 0.2209365367889404 seconds

AKAZE Time: 0.1166019439697266 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S142

Train Image: S142-04-t10\_01.ppm

Val Image: S142-01-t10\_01.ppm

SIFT Time: 0.3121199607849121 seconds

AKAZE Time: 0.1893224716186523 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S142

Train Image: S142-04-t10\_01.ppm

Val Image: S142-06-t10\_01.ppm

SIFT Time: 0.3276722431182861 seconds

AKAZE Time: 0.2210698127746582 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S142

Train Image: S142-04-t10\_01.ppm

Val Image: S142-03-t10\_01.ppm

SIFT Time: 0.3335447311401367 seconds

AKAZE Time: 0.2296121120452881 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S142

Train Image: S142-04-t10\_01.ppm

Val Image: S142-02-t10\_01.ppm

SIFT Time: 0.2454063892364502 seconds

AKAZE Time: 0.1534678936004639 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S142

Train Image: S142-07-t10\_01.ppm

Val Image: S142-01-t10\_01.ppm

SIFT Time: 0.2546546459197998 seconds

AKAZE Time: 0.1267344951629639 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S142

Train Image: S142-07-t10\_01.ppm

Val Image: S142-06-t10\_01.ppm

SIFT Time: 0.2344081401824951 seconds

AKAZE Time: 0.1217808723449707 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S142

Train Image: S142-07-t10\_01.ppm

Val Image: S142-03-t10\_01.ppm

SIFT Time: 0.2510538101196289 seconds

AKAZE Time: 0.1785299777984619 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S142

Train Image: S142-07-t10\_01.ppm

Val Image: S142-02-t10\_01.ppm

SIFT Time: 0.2268402576446533 seconds

AKAZE Time: 0.119448184967041 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S153

Train Image: S153-01-t10\_01.ppm

Val Image: S153-02-t10\_01.ppm

SIFT Time: 0.2761020660400391 seconds

AKAZE Time: 0.17875075340271 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S180

Train Image: S180-01-t10\_02.ppm

Val Image: S180-01-t10\_01.ppm

SIFT Time: 5.066078186035156 seconds

AKAZE Time: 2.711253881454468 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S191

Train Image: S191-01-t10\_01.ppm

Val Image: S191-02-t10\_01.ppm

SIFT Time: 0.1586644649505615 seconds

AKAZE Time: 0.08194255828857422 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S190

Train Image: S190-01-t10\_01.ppm

Val Image: S190-02-t10\_01.ppm

SIFT Time: 0.2662796974182129 seconds

AKAZE Time: 0.1483533382415771 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S190

Train Image: S190-01-t10\_01.ppm

Val Image: S190-03-t10\_01.ppm

SIFT Time: 0.2300395965576172 seconds

AKAZE Time: 0.1289374828338623 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S173

Train Image: S173-02-t10\_01.ppm

Val Image: S173-01-t10\_01.ppm

SIFT Time: 0.6563422679901123 seconds

AKAZE Time: 0.3518116474151611 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S171

Train Image: S171-05-t10\_01.ppm

Val Image: S171-01-t10\_01.ppm

SIFT Time: 0.2251296043395996 seconds

AKAZE Time: 0.1345293521881104 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S171

Train Image: S171-07-t10\_01.ppm

Val Image: S171-01-t10\_01.ppm

SIFT Time: 0.2586534023284912 seconds

AKAZE Time: 0.1334149837493896 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S171

Train Image: S171-04-t10\_01.ppm

Val Image: S171-01-t10\_01.ppm

SIFT Time: 0.2862412929534912 seconds

AKAZE Time: 0.2047836780548096 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S171

Train Image: S171-08-t10\_01.ppm

Val Image: S171-01-t10\_01.ppm

SIFT Time: 0.2990331649780273 seconds

AKAZE Time: 0.2014305591583252 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S171

Train Image: S171-06-t10\_01.ppm

Val Image: S171-01-t10\_01.ppm

SIFT Time: 0.2516627311706543 seconds

AKAZE Time: 0.132997989654541 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S171

Train Image: S171-02-t10\_01.ppm

Val Image: S171-01-t10\_01.ppm

SIFT Time: 0.2467679977416992 seconds

AKAZE Time: 0.1255230903625488 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S171

Train Image: S171-03-t10\_01.ppm

Val Image: S171-01-t10\_01.ppm

SIFT Time: 0.2440574169158936 seconds

AKAZE Time: 0.1249494552612305 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S194

Train Image: S194-02-t10\_01.ppm

Val Image: S194-01-t10\_01.ppm

SIFT Time: 0.135195255279541 seconds

AKAZE Time: 0.08084344863891602 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S182

Train Image: S182-02-t10\_01.ppm

Val Image: S182-01-t10\_01.ppm

SIFT Time: 0.7560927867889404 seconds

AKAZE Time: 0.517085075378418 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S182

Train Image: S182-02-t10\_02.ppm

Val Image: S182-01-t10\_01.ppm

SIFT Time: 0.5079326629638672 seconds

AKAZE Time: 0.3172993659973145 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S185

Train Image: S185-01-t10\_01.ppm

Val Image: S185-04-t10\_01.ppm

SIFT Time: 0.06082725524902344 seconds

AKAZE Time: 0.04911899566650391 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S185

Train Image: S185-03-t10\_01.ppm

Val Image: S185-04-t10\_01.ppm

SIFT Time: 0.05320143699645996 seconds

AKAZE Time: 0.03699636459350586 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S185

Train Image: S185-02-t10\_01.ppm

Val Image: S185-04-t10\_01.ppm

SIFT Time: 0.06031966209411621 seconds

AKAZE Time: 0.0439450740814209 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S174

Train Image: S174-04-t10\_01.ppm

Val Image: S174-03-t10\_01.ppm

SIFT Time: 0.2577850818634033 seconds

AKAZE Time: 0.1233904361724854 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S174

Train Image: S174-04-t10\_01.ppm

Val Image: S174-05-t10\_01.ppm

SIFT Time: 0.3035745620727539 seconds

AKAZE Time: 0.2019586563110352 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S174

Train Image: S174-04-t10\_01.ppm

Val Image: S174-02-t10\_01.ppm

SIFT Time: 0.2850091457366943 seconds

AKAZE Time: 0.2004218101501465 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S174

Train Image: S174-01-t10\_01.ppm

Val Image: S174-03-t10\_01.ppm

SIFT Time: 0.2715609073638916 seconds

AKAZE Time: 0.1299197673797607 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S174

Train Image: S174-01-t10\_01.ppm

Val Image: S174-05-t10\_01.ppm

SIFT Time: 0.2573409080505371 seconds

AKAZE Time: 0.1277396678924561 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S174

Train Image: S174-01-t10\_01.ppm

Val Image: S174-02-t10\_01.ppm

SIFT Time: 0.2620944976806641 seconds

AKAZE Time: 0.127971887588501 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S193

Train Image: S193-02-t10\_01.ppm

Val Image: S193-01-t10\_01.ppm

SIFT Time: 0.2100694179534912 seconds

AKAZE Time: 0.1448836326599121 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S198

Train Image: S198-05-t10\_01.ppm

Val Image: S198-01-t10\_01.ppm

SIFT Time: 0.2416970729827881 seconds

AKAZE Time: 0.2112886905670166 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S198

Train Image: S198-05-t10\_01.ppm

Val Image: S198-02-t10\_01.ppm

SIFT Time: 0.308549165725708 seconds

AKAZE Time: 0.2072007656097412 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S198

Train Image: S198-05-t10\_01.ppm

Val Image: S198-03-t10\_01.ppm

SIFT Time: 0.2662684917449951 seconds

AKAZE Time: 0.1269927024841309 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S198

Train Image: S198-04-t10\_01.ppm

Val Image: S198-01-t10\_01.ppm

SIFT Time: 0.2314252853393555 seconds

AKAZE Time: 0.1354327201843262 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S198

Train Image: S198-04-t10\_01.ppm

Val Image: S198-02-t10\_01.ppm

SIFT Time: 0.2248885631561279 seconds

AKAZE Time: 0.1428239345550537 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S198

Train Image: S198-04-t10\_01.ppm

Val Image: S198-03-t10\_01.ppm

SIFT Time: 0.2656314373016357 seconds

AKAZE Time: 0.1247818470001221 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S212

Train Image: S212-02-t10\_01.ppm

Val Image: S212-01-t10\_01.ppm

SIFT Time: 0.2387182712554932 seconds

AKAZE Time: 0.1283740997314453 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S212

Train Image: S212-03-t10\_01.ppm

Val Image: S212-01-t10\_01.ppm

SIFT Time: 0.3089478015899658 seconds

AKAZE Time: 0.2166385650634766 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S201

Train Image: S201-03-t10\_01.ppm

Val Image: S201-01-t10\_01.ppm

SIFT Time: 0.3682715892791748 seconds

AKAZE Time: 0.2291500568389893 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S201

Train Image: S201-02-t10\_01.ppm

Val Image: S201-01-t10\_01.ppm

SIFT Time: 0.2150447368621826 seconds

AKAZE Time: 0.1288378238677979 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S195

Train Image: S195-04-t10\_01.ppm

Val Image: S195-02-t10\_01.ppm

SIFT Time: 0.1306610107421875 seconds

AKAZE Time: 0.0813760757446289 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S195

Train Image: S195-01-t10\_01.ppm

Val Image: S195-02-t10\_01.ppm

SIFT Time: 0.143545389175415 seconds

AKAZE Time: 0.115565299987793 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S195

Train Image: S195-03-t10\_01.ppm

Val Image: S195-02-t10\_01.ppm

SIFT Time: 0.1670119762420654 seconds

AKAZE Time: 0.0873556137084961 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S215

Train Image: S215-03-t10\_01.ppm

Val Image: S215-01-t10\_01.ppm

SIFT Time: 0.2228050231933594 seconds

AKAZE Time: 0.1196837425231934 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S215

Train Image: S215-03-t10\_01.ppm

Val Image: S215-02-t10\_01.ppm

SIFT Time: 0.2991106510162354 seconds

AKAZE Time: 0.1608176231384277 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S215

Train Image: S215-03-t10\_01.ppm

Val Image: S215-04-t10\_01.ppm

SIFT Time: 0.3214573860168457 seconds

AKAZE Time: 0.1344063282012939 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S206

Train Image: S206-01-t10\_01.ppm

Val Image: S206-02-t10\_01.ppm

SIFT Time: 0.2669453620910645 seconds

AKAZE Time: 0.1378974914550781 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S202

Train Image: S202-04-t10\_01.ppm

Val Image: S202-02-t10\_01.ppm

SIFT Time: 0.2329015731811523 seconds

AKAZE Time: 0.1271991729736328 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S202

Train Image: S202-03-t10\_01.ppm

Val Image: S202-02-t10\_01.ppm

SIFT Time: 0.2619614601135254 seconds

AKAZE Time: 0.1320545673370361 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S202

Train Image: S202-01-t10\_01.ppm

Val Image: S202-02-t10\_01.ppm

SIFT Time: 0.2588787078857422 seconds

AKAZE Time: 0.1244521141052246 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S214

Train Image: S214-04-t10\_01.ppm

Val Image: S214-01-t10\_01.ppm

SIFT Time: 0.3307442665100098 seconds

AKAZE Time: 0.2382054328918457 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S214

Train Image: S214-04-t10\_01.ppm

Val Image: S214-02-t10\_01.ppm

SIFT Time: 0.2176012992858887 seconds

AKAZE Time: 0.1215147972106934 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S214

Train Image: S214-03-t10\_01.ppm

Val Image: S214-01-t10\_01.ppm

SIFT Time: 0.2385044097900391 seconds

AKAZE Time: 0.1195633411407471 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S214

Train Image: S214-03-t10\_01.ppm

Val Image: S214-02-t10\_01.ppm

SIFT Time: 0.2385063171386719 seconds

AKAZE Time: 0.1442818641662598 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S203

Train Image: S203-01-t10\_02.ppm

Val Image: S203-01-t10\_01.ppm

SIFT Time: 0.5559968948364258 seconds

AKAZE Time: 0.3506832122802734 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S203

Train Image: S203-01-t10\_02.ppm

Val Image: S203-03-t10\_01.ppm

SIFT Time: 0.4640810489654541 seconds

AKAZE Time: 0.2611815929412842 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S203

Train Image: S203-02-t10\_01.ppm

Val Image: S203-01-t10\_01.ppm

SIFT Time: 0.4480071067810059 seconds

AKAZE Time: 0.3004505634307861 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S203

Train Image: S203-02-t10\_01.ppm

Val Image: S203-03-t10\_01.ppm

SIFT Time: 0.06615233421325684 seconds

AKAZE Time: 0.03850626945495605 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S199

Train Image: S199-02-t10\_01.ppm

Val Image: S199-01-t10\_01.ppm

SIFT Time: 0.2385134696960449 seconds

AKAZE Time: 0.1195471286773682 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S236

Train Image: S236-02-t10\_01.ppm

Val Image: S236-01-t10\_01.ppm

SIFT Time: 0.06723904609680176 seconds

AKAZE Time: 0.05425262451171875 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S222

Train Image: S222-02-t10\_01.ppm

Val Image: S222-01-t10\_01.ppm

SIFT Time: 0.2527399063110352 seconds

AKAZE Time: 0.1191861629486084 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S232

Train Image: S232-02-t10\_01.ppm

Val Image: S232-01-t10\_01.ppm

SIFT Time: 0.132183313369751 seconds

AKAZE Time: 0.07941198348999023 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S219

Train Image: S219-03-t10\_01.ppm

Val Image: S219-01-t10\_01.ppm

SIFT Time: 0.2317831516265869 seconds

AKAZE Time: 0.1933343410491943 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S219

Train Image: S219-02-t10\_01.ppm

Val Image: S219-01-t10\_01.ppm

SIFT Time: 0.2644953727722168 seconds

AKAZE Time: 0.2029335498809814 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S223

Train Image: S223-03-t10\_01.ppm

Val Image: S223-01-t10\_01.ppm

SIFT Time: 0.6340243816375732 seconds

AKAZE Time: 0.3694231510162354 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S223

Train Image: S223-02-t10\_01.ppm

Val Image: S223-01-t10\_01.ppm

SIFT Time: 0.6543631553649902 seconds

AKAZE Time: 0.3746814727783203 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S227

Train Image: S227-02-t10\_01.ppm

Val Image: S227-01-t10\_01.ppm

SIFT Time: 0.3152279853820801 seconds

AKAZE Time: 0.2170405387878418 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S225

Train Image: S225-02-t10\_01.ppm

Val Image: S225-01-t10\_01.ppm

SIFT Time: 0.1946544647216797 seconds

AKAZE Time: 0.121105432510376 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S228

Train Image: S228-03-t10\_01.ppm

Val Image: S228-01-t10\_01.ppm

SIFT Time: 0.6013054847717285 seconds

AKAZE Time: 0.341116189956665 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S228

Train Image: S228-02-t10\_01.ppm

Val Image: S228-01-t10\_01.ppm

SIFT Time: 0.5935180187225342 seconds

AKAZE Time: 0.4390075206756592 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S220

Train Image: S220-02-t10\_01.ppm

Val Image: S220-01-t10\_01.ppm

SIFT Time: 0.3288192749023438 seconds

AKAZE Time: 0.2766673564910889 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S226

Train Image: S226-02-t10\_01.ppm

Val Image: S226-01-t10\_01.ppm

SIFT Time: 0.1302332878112793 seconds

AKAZE Time: 0.08114838600158691 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S243

Train Image: S243-04-t10\_01.ppm

Val Image: S243-03-t10\_01.ppm

SIFT Time: 0.2289483547210693 seconds

AKAZE Time: 0.2908380031585693 seconds

Fastest Method: SIFT (SIFT lebih cepat)

Folder: S243

Train Image: S243-04-t10\_01.ppm

Val Image: S243-06-t10\_01.ppm

SIFT Time: 0.248316764831543 seconds

AKAZE Time: 0.1280903816223145 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S243

Train Image: S243-04-t10\_01.ppm

Val Image: S243-02-t10\_01.ppm

SIFT Time: 0.2365951538085938 seconds

AKAZE Time: 0.1361925601959229 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S243

Train Image: S243-04-t10\_01.ppm

Val Image: S243-08-t10\_01.ppm

SIFT Time: 0.2725551128387451 seconds

AKAZE Time: 0.1532971858978271 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S243

Train Image: S243-09-t10\_01.ppm

Val Image: S243-03-t10\_01.ppm

SIFT Time: 0.2927155494689941 seconds

AKAZE Time: 0.2030134201049805 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S243

Train Image: S243-09-t10\_01.ppm

Val Image: S243-06-t10\_01.ppm

SIFT Time: 0.2712554931640625 seconds

AKAZE Time: 0.2116966247558594 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S243

Train Image: S243-09-t10\_01.ppm

Val Image: S243-02-t10\_01.ppm

SIFT Time: 0.2367584705352783 seconds

AKAZE Time: 0.1165139675140381 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S243

Train Image: S243-09-t10\_01.ppm

Val Image: S243-08-t10\_01.ppm

SIFT Time: 0.2452576160430908 seconds

AKAZE Time: 0.1440117359161377 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S243

Train Image: S243-01-t10\_01.ppm

Val Image: S243-03-t10\_01.ppm

SIFT Time: 0.2248234748840332 seconds

AKAZE Time: 0.1173932552337646 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S243

Train Image: S243-01-t10\_01.ppm

Val Image: S243-06-t10\_01.ppm

SIFT Time: 0.2499797344207764 seconds

AKAZE Time: 0.1462056636810303 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S243

Train Image: S243-01-t10\_01.ppm

Val Image: S243-02-t10\_01.ppm

SIFT Time: 0.3186004161834717 seconds

AKAZE Time: 0.2455108165740967 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S243

Train Image: S243-01-t10\_01.ppm

Val Image: S243-08-t10\_01.ppm

SIFT Time: 0.2766728401184082 seconds

AKAZE Time: 0.1944212913513184 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S243

Train Image: S243-07-t10\_01.ppm

Val Image: S243-03-t10\_01.ppm

SIFT Time: 0.2687966823577881 seconds

AKAZE Time: 0.2135524749755859 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S243

Train Image: S243-07-t10\_01.ppm

Val Image: S243-06-t10\_01.ppm

SIFT Time: 0.3104009628295898 seconds

AKAZE Time: 0.2062263488769531 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S243

Train Image: S243-07-t10\_01.ppm

Val Image: S243-02-t10\_01.ppm

SIFT Time: 0.2196938991546631 seconds

AKAZE Time: 0.155104398727417 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S243

Train Image: S243-07-t10\_01.ppm

Val Image: S243-08-t10\_01.ppm

SIFT Time: 0.2534866333007812 seconds

AKAZE Time: 0.1266236305236816 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S243

Train Image: S243-05-t10\_01.ppm

Val Image: S243-03-t10\_01.ppm

SIFT Time: 0.2351968288421631 seconds

AKAZE Time: 0.1355483531951904 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S243

Train Image: S243-05-t10\_01.ppm

Val Image: S243-06-t10\_01.ppm

SIFT Time: 0.240556001663208 seconds

AKAZE Time: 0.1249988079071045 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S243

Train Image: S243-05-t10\_01.ppm

Val Image: S243-02-t10\_01.ppm

SIFT Time: 0.2480666637420654 seconds

AKAZE Time: 0.1332614421844482 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S243

Train Image: S243-05-t10\_01.ppm

Val Image: S243-08-t10\_01.ppm

SIFT Time: 0.2598686218261719 seconds

AKAZE Time: 0.1287293434143066 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S250

Train Image: S250-02-t10\_01.ppm

Val Image: S250-01-t10\_01.ppm

SIFT Time: 0.6349689960479736 seconds

AKAZE Time: 0.3712863922119141 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S239

Train Image: S239-01-t10\_01.ppm

Val Image: S239-02-t10\_01.ppm

SIFT Time: 0.1495459079742432 seconds

AKAZE Time: 0.0941925048828125 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S253

Train Image: S253-03-t10\_01.ppm

Val Image: S253-01-t10\_01.ppm

SIFT Time: 0.1824524402618408 seconds

AKAZE Time: 0.1068496704101562 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S253

Train Image: S253-03-t10\_01.ppm

Val Image: S253-02-t10\_01.ppm

SIFT Time: 0.1975033283233643 seconds

AKAZE Time: 0.1174917221069336 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S253

Train Image: S253-04-t10\_01.ppm

Val Image: S253-01-t10\_01.ppm

SIFT Time: 0.3315107822418213 seconds

AKAZE Time: 0.1323168277740479 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S253

Train Image: S253-04-t10\_01.ppm

Val Image: S253-02-t10\_01.ppm

SIFT Time: 0.2923111915588379 seconds

AKAZE Time: 0.1255040168762207 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S240

Train Image: S240-01-t10\_01.ppm

Val Image: S240-02-t10\_01.ppm

SIFT Time: 0.4723584651947021 seconds

AKAZE Time: 0.1764357089996338 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S254

Train Image: S254-02-t10\_01.ppm

Val Image: S254-01-t10\_01.ppm

SIFT Time: 0.2178330421447754 seconds

AKAZE Time: 0.1287927627563477 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S254

Train Image: S254-03-t10\_01.ppm

Val Image: S254-01-t10\_01.ppm

SIFT Time: 0.2302255630493164 seconds

AKAZE Time: 0.1371073722839355 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S258

Train Image: S258-02-t10\_01.ppm

Val Image: S258-01-t10\_01.ppm

SIFT Time: 0.06110835075378418 seconds

AKAZE Time: 0.03787016868591309 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S259

Train Image: S259-02-t10\_01.ppm

Val Image: S259-01-t10\_01.ppm

SIFT Time: 0.3859045505523682 seconds

AKAZE Time: 0.1840527057647705 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S249

Train Image: S249-02-t10\_01.ppm

Val Image: S249-01-t10\_01.ppm

SIFT Time: 0.3727304935455322 seconds

AKAZE Time: 0.2112717628479004 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S256

Train Image: S256-02-t10\_01.ppm

Val Image: S256-01-t10\_01.ppm

SIFT Time: 0.3993163108825684 seconds

AKAZE Time: 0.2156641483306885 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S283

Train Image: S283-01-t10\_01.ppm

Val Image: S283-02-t10\_01.ppm

SIFT Time: 0.5895280838012695 seconds

AKAZE Time: 0.3398880958557129 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S273

Train Image: S273-02-t10\_01.ppm

Val Image: S273-04-t10\_01.ppm

SIFT Time: 0.2346110343933105 seconds

AKAZE Time: 0.1384775638580322 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S273

Train Image: S273-02-t10\_01.ppm

Val Image: S273-01-t10\_01.ppm

SIFT Time: 0.3169999122619629 seconds

AKAZE Time: 0.1423425674438477 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S273

Train Image: S273-05-t10\_01.ppm

Val Image: S273-04-t10\_01.ppm

SIFT Time: 0.2852795124053955 seconds

AKAZE Time: 0.2172195911407471 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S273

Train Image: S273-05-t10\_01.ppm

Val Image: S273-01-t10\_01.ppm

SIFT Time: 0.3434443473815918 seconds

AKAZE Time: 0.1966850757598877 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S273

Train Image: S273-03-t10\_01.ppm

Val Image: S273-04-t10\_01.ppm

SIFT Time: 0.23760986328125 seconds

AKAZE Time: 0.1234700679779053 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S273

Train Image: S273-03-t10\_01.ppm

Val Image: S273-01-t10\_01.ppm

SIFT Time: 0.2281582355499268 seconds

AKAZE Time: 0.1227352619171143 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S282

Train Image: S282-02-t10\_01.ppm

Val Image: S282-01-t10\_01.ppm

SIFT Time: 0.2318131923675537 seconds

AKAZE Time: 0.1283597946166992 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S282

Train Image: S282-03-t10\_01.ppm

Val Image: S282-01-t10\_01.ppm

SIFT Time: 0.2567825317382812 seconds

AKAZE Time: 0.1718976497650146 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S284

Train Image: S284-02-t10\_01.ppm

Val Image: S284-01-t10\_01.ppm

SIFT Time: 1.146722316741943 seconds

AKAZE Time: 0.5805459022521973 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S284

Train Image: S284-02-t10\_01.ppm

Val Image: S284-01-t10\_02.ppm

SIFT Time: 0.827533483505249 seconds

AKAZE Time: 0.4019553661346436 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S284

Train Image: S284-02-t10\_02.ppm

Val Image: S284-01-t10\_01.ppm

SIFT Time: 0.7206029891967773 seconds

AKAZE Time: 0.3794810771942139 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S284

Train Image: S284-02-t10\_02.ppm

Val Image: S284-01-t10\_02.ppm

SIFT Time: 1.530850172042847 seconds

AKAZE Time: 0.4143869876861572 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S261

Train Image: S261-02-t10\_01.ppm

Val Image: S261-01-t10\_01.ppm

SIFT Time: 0.4881558418273926 seconds

AKAZE Time: 0.2199242115020752 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S272

Train Image: S272-02-t10\_02.ppm

Val Image: S272-01-t10\_01.ppm

SIFT Time: 0.4097340106964111 seconds

AKAZE Time: 0.2113528251647949 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S272

Train Image: S272-02-t10\_01.ppm

Val Image: S272-01-t10\_01.ppm

SIFT Time: 0.5290803909301758 seconds

AKAZE Time: 0.3002848625183105 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S285

Train Image: S285-01-t10\_02.ppm

Val Image: S285-01-t10\_01.ppm

SIFT Time: 0.6593859195709229 seconds

AKAZE Time: 0.3623902797698975 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S270

Train Image: S270-01-t10\_02.ppm

Val Image: S270-01-t10\_01.ppm

SIFT Time: 0.5572247505187988 seconds

AKAZE Time: 0.4228243827819824 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S280

Train Image: S280-07-t10\_01.ppm

Val Image: S280-10-t10\_01.ppm

SIFT Time: 0.2392728328704834 seconds

AKAZE Time: 0.1256208419799805 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S280

Train Image: S280-07-t10\_01.ppm

Val Image: S280-08-t10\_01.ppm

SIFT Time: 0.2829301357269287 seconds

AKAZE Time: 0.2356774806976318 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S280

Train Image: S280-07-t10\_01.ppm

Val Image: S280-03-t10\_01.ppm

SIFT Time: 0.2281415462493896 seconds

AKAZE Time: 0.1231701374053955 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S280

Train Image: S280-07-t10\_01.ppm

Val Image: S280-06-t10\_01.ppm

SIFT Time: 0.3021271228790283 seconds

AKAZE Time: 0.1213986873626709 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S280

Train Image: S280-07-t10\_01.ppm

Val Image: S280-01-t10\_01.ppm

SIFT Time: 0.2603302001953125 seconds

AKAZE Time: 0.1270458698272705 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S280

Train Image: S280-07-t10\_01.ppm

Val Image: S280-05-t10\_01.ppm

SIFT Time: 0.3001165390014648 seconds

AKAZE Time: 0.11285400390625 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S280

Train Image: S280-02-t10\_01.ppm

Val Image: S280-10-t10\_01.ppm

SIFT Time: 0.2150135040283203 seconds

AKAZE Time: 0.1604278087615967 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S280

Train Image: S280-02-t10\_01.ppm

Val Image: S280-08-t10\_01.ppm

SIFT Time: 0.2310073375701904 seconds

AKAZE Time: 0.1306536197662354 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S280

Train Image: S280-02-t10\_01.ppm

Val Image: S280-03-t10\_01.ppm

SIFT Time: 0.3565807342529297 seconds

AKAZE Time: 0.1940524578094482 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S280

Train Image: S280-02-t10\_01.ppm

Val Image: S280-06-t10\_01.ppm

SIFT Time: 0.3282208442687988 seconds

AKAZE Time: 0.2910220623016357 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S280

Train Image: S280-02-t10\_01.ppm

Val Image: S280-01-t10\_01.ppm

SIFT Time: 0.2211689949035645 seconds

AKAZE Time: 0.1296141147613525 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S280

Train Image: S280-02-t10\_01.ppm

Val Image: S280-05-t10\_01.ppm

SIFT Time: 0.2552733421325684 seconds

AKAZE Time: 0.1262598037719727 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S280

Train Image: S280-09-t10\_01.ppm

Val Image: S280-10-t10\_01.ppm

SIFT Time: 0.2350051403045654 seconds

AKAZE Time: 0.1209867000579834 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S280

Train Image: S280-09-t10\_01.ppm

Val Image: S280-08-t10\_01.ppm

SIFT Time: 0.2431702613830566 seconds

AKAZE Time: 0.1250369548797607 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S280

Train Image: S280-09-t10\_01.ppm

Val Image: S280-03-t10\_01.ppm

SIFT Time: 0.2463448047637939 seconds

AKAZE Time: 0.1294193267822266 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S280

Train Image: S280-09-t10\_01.ppm

Val Image: S280-06-t10\_01.ppm

SIFT Time: 0.2264552116394043 seconds

AKAZE Time: 0.1265389919281006 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S280

Train Image: S280-09-t10\_01.ppm

Val Image: S280-01-t10\_01.ppm

SIFT Time: 0.2458546161651611 seconds

AKAZE Time: 0.1959896087646484 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S280

Train Image: S280-09-t10\_01.ppm

Val Image: S280-05-t10\_01.ppm

SIFT Time: 0.4539957046508789 seconds

AKAZE Time: 0.2234828472137451 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S280

Train Image: S280-04-t10\_01.ppm

Val Image: S280-10-t10\_01.ppm

SIFT Time: 0.3664734363555908 seconds

AKAZE Time: 0.1789484024047852 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S280

Train Image: S280-04-t10\_01.ppm

Val Image: S280-08-t10\_01.ppm

SIFT Time: 0.2351343631744385 seconds

AKAZE Time: 0.130143404006958 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S280

Train Image: S280-04-t10\_01.ppm

Val Image: S280-03-t10\_01.ppm

SIFT Time: 0.3024370670318604 seconds

AKAZE Time: 0.1299090385437012 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S280

Train Image: S280-04-t10\_01.ppm

Val Image: S280-06-t10\_01.ppm

SIFT Time: 0.2567844390869141 seconds

AKAZE Time: 0.1338117122650146 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S280

Train Image: S280-04-t10\_01.ppm

Val Image: S280-01-t10\_01.ppm

SIFT Time: 0.2270855903625488 seconds

AKAZE Time: 0.132218599319458 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S280

Train Image: S280-04-t10\_01.ppm

Val Image: S280-05-t10\_01.ppm

SIFT Time: 0.2278168201446533 seconds

AKAZE Time: 0.1367473602294922 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S263

Train Image: S263-01-t10\_01.ppm

Val Image: S263-01-t10\_02.ppm

SIFT Time: 0.9388601779937744 seconds

AKAZE Time: 0.5704152584075928 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S304

Train Image: S304-03-t10\_01.ppm

Val Image: S304-01-t10\_01.ppm

SIFT Time: 0.1368873119354248 seconds

AKAZE Time: 0.0999908447265625 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S304

Train Image: S304-03-t10\_01.ppm

Val Image: S304-02-t10\_01.ppm

SIFT Time: 0.1305115222930908 seconds

AKAZE Time: 0.0782163143157959 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S296

Train Image: S296-03-t10\_01.ppm

Val Image: S296-05-t10\_01.ppm

SIFT Time: 0.3043227195739746 seconds

AKAZE Time: 0.1334986686706543 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S296

Train Image: S296-03-t10\_01.ppm

Val Image: S296-09-t10\_01.ppm

SIFT Time: 0.3055717945098877 seconds

AKAZE Time: 0.1333096027374268 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S296

Train Image: S296-08-t10\_01.ppm

Val Image: S296-05-t10\_01.ppm

SIFT Time: 0.4472832679748535 seconds

AKAZE Time: 0.1735837459564209 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S296

Train Image: S296-08-t10\_01.ppm

Val Image: S296-09-t10\_01.ppm

SIFT Time: 0.5162506103515625 seconds

AKAZE Time: 0.2216286659240723 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S296

Train Image: S296-10-t10\_01.ppm

Val Image: S296-05-t10\_01.ppm

SIFT Time: 0.2569046020507812 seconds

AKAZE Time: 0.1272773742675781 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S296

Train Image: S296-10-t10\_01.ppm

Val Image: S296-09-t10\_01.ppm

SIFT Time: 0.3151774406433105 seconds

AKAZE Time: 0.1251733303070068 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S296

Train Image: S296-04-t10\_01.ppm

Val Image: S296-05-t10\_01.ppm

SIFT Time: 0.26141357421875 seconds

AKAZE Time: 0.1419835090637207 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S296

Train Image: S296-04-t10\_01.ppm

Val Image: S296-09-t10\_01.ppm

SIFT Time: 0.2840332984924316 seconds

AKAZE Time: 0.1299231052398682 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S296

Train Image: S296-02-t10\_01.ppm

Val Image: S296-05-t10\_01.ppm

SIFT Time: 0.2693300247192383 seconds

AKAZE Time: 0.1383914947509766 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S296

Train Image: S296-02-t10\_01.ppm

Val Image: S296-09-t10\_01.ppm

SIFT Time: 0.6258585453033447 seconds

AKAZE Time: 0.2732560634613037 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S296

Train Image: S296-01-t10\_01.ppm

Val Image: S296-05-t10\_01.ppm

SIFT Time: 0.5520198345184326 seconds

AKAZE Time: 0.2844932079315186 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S296

Train Image: S296-01-t10\_01.ppm

Val Image: S296-09-t10\_01.ppm

SIFT Time: 0.3853592872619629 seconds

AKAZE Time: 0.136174201965332 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S296

Train Image: S296-07-t10\_01.ppm

Val Image: S296-05-t10\_01.ppm

SIFT Time: 0.2643489837646484 seconds

AKAZE Time: 0.1295576095581055 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S296

Train Image: S296-07-t10\_01.ppm

Val Image: S296-09-t10\_01.ppm

SIFT Time: 0.2896902561187744 seconds

AKAZE Time: 0.127385139465332 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S296

Train Image: S296-06-t10\_01.ppm

Val Image: S296-05-t10\_01.ppm

SIFT Time: 0.2582759857177734 seconds

AKAZE Time: 0.1317939758300781 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S296

Train Image: S296-06-t10\_01.ppm

Val Image: S296-09-t10\_01.ppm

SIFT Time: 0.2993569374084473 seconds

AKAZE Time: 0.126708984375 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S291

Train Image: S291-01-t10\_01.ppm

Val Image: S291-02-t10\_01.ppm

SIFT Time: 0.9040417671203613 seconds

AKAZE Time: 0.4289307594299316 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S309

Train Image: S309-02-t10\_01.ppm

Val Image: S309-04-t10\_01.ppm

SIFT Time: 0.2286214828491211 seconds

AKAZE Time: 0.120058536529541 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S309

Train Image: S309-03-t10\_01.ppm

Val Image: S309-04-t10\_01.ppm

SIFT Time: 0.2660336494445801 seconds

AKAZE Time: 0.1252970695495605 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S309

Train Image: S309-05-t10\_01.ppm

Val Image: S309-04-t10\_01.ppm

SIFT Time: 0.284935474395752 seconds

AKAZE Time: 0.1239020824432373 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S309

Train Image: S309-01-t10\_01.ppm

Val Image: S309-04-t10\_01.ppm

SIFT Time: 0.2570679187774658 seconds

AKAZE Time: 0.1345481872558594 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S300

Train Image: S300-02-t10\_01.ppm

Val Image: S300-01-t10\_01.ppm

SIFT Time: 0.2264549732208252 seconds

AKAZE Time: 0.09930300712585449 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S288

Train Image: S288-01-t10\_01.ppm

Val Image: S288-03-t10\_01.ppm

SIFT Time: 0.3054773807525635 seconds

AKAZE Time: 0.2188606262207031 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S288

Train Image: S288-01-t10\_01.ppm

Val Image: S288-02-t10\_01.ppm

SIFT Time: 0.2527720928192139 seconds

AKAZE Time: 0.1246271133422852 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S288

Train Image: S288-01-t10\_01.ppm

Val Image: S288-05-t10\_01.ppm

SIFT Time: 0.2522661685943604 seconds

AKAZE Time: 0.1335160732269287 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S288

Train Image: S288-01-t10\_01.ppm

Val Image: S288-04-t10\_01.ppm

SIFT Time: 0.2279441356658936 seconds

AKAZE Time: 0.1374998092651367 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S310

Train Image: S310-01-t10\_01.ppm

Val Image: S310-02-t10\_01.ppm

SIFT Time: 0.2641885280609131 seconds

AKAZE Time: 0.1245594024658203 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S310

Train Image: S310-01-t10\_01.ppm

Val Image: S310-04-t10\_01.ppm

SIFT Time: 0.3915836811065674 seconds

AKAZE Time: 0.2042834758758545 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S310

Train Image: S310-03-t10\_01.ppm

Val Image: S310-02-t10\_01.ppm

SIFT Time: 0.2707841396331787 seconds

AKAZE Time: 0.188194751739502 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S310

Train Image: S310-03-t10\_01.ppm

Val Image: S310-04-t10\_01.ppm

SIFT Time: 0.243891716003418 seconds

AKAZE Time: 0.1184265613555908 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S297

Train Image: S297-01-t10\_01.ppm

Val Image: S297-02-t10\_01.ppm

SIFT Time: 0.1325769424438477 seconds

AKAZE Time: 0.08348965644836426 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S295

Train Image: S295-01-t10\_02.ppm

Val Image: S295-01-t10\_01.ppm

SIFT Time: 0.5556533336639404 seconds

AKAZE Time: 0.3292691707611084 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S307

Train Image: S307-01-t10\_01.ppm

Val Image: S307-01-t10\_02.ppm

SIFT Time: 1.042524337768555 seconds

AKAZE Time: 0.554311990737915 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S313

Train Image: S313-01-t10\_01.ppm

Val Image: S313-02-t10\_01.ppm

SIFT Time: 0.2194993495941162 seconds

AKAZE Time: 0.1482565402984619 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S335

Train Image: S335-02-t10\_01.ppm

Val Image: S335-01-t10\_01.ppm

SIFT Time: 0.0682682991027832 seconds

AKAZE Time: 0.2081007957458496 seconds

Fastest Method: SIFT (SIFT lebih cepat)

Folder: S336

Train Image: S336-01-t10\_01.ppm

Val Image: S336-02-t10\_01.ppm

SIFT Time: 0.1372816562652588 seconds

AKAZE Time: 0.0807039737701416 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S325

Train Image: S325-01-t10\_01.ppm

Val Image: S325-01-t10\_02.ppm

SIFT Time: 1.306159973144531 seconds

AKAZE Time: 0.5531222820281982 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S324

Train Image: S324-02-t10\_01.ppm

Val Image: S324-01-t10\_01.ppm

SIFT Time: 0.6101212501525879 seconds

AKAZE Time: 0.3238415718078613 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S333

Train Image: S333-02-t10\_01.ppm

Val Image: S333-01-t10\_01.ppm

SIFT Time: 0.2166423797607422 seconds

AKAZE Time: 0.1407835483551025 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S331

Train Image: S331-02-t10\_01.ppm

Val Image: S331-01-t10\_01.ppm

SIFT Time: 0.2652935981750488 seconds

AKAZE Time: 0.1460320949554443 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S315

Train Image: S315-01-t10\_02.ppm

Val Image: S315-02-t10\_02.ppm

SIFT Time: 0.7689700126647949 seconds

AKAZE Time: 0.3451967239379883 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S315

Train Image: S315-01-t10\_02.ppm

Val Image: S315-02-t10\_01.ppm

SIFT Time: 0.8265633583068848 seconds

AKAZE Time: 0.3421294689178467 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S315

Train Image: S315-01-t10\_01.ppm

Val Image: S315-02-t10\_02.ppm

SIFT Time: 1.139394760131836 seconds

AKAZE Time: 0.5546801090240479 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S315

Train Image: S315-01-t10\_01.ppm

Val Image: S315-02-t10\_01.ppm

SIFT Time: 0.9413948059082031 seconds

AKAZE Time: 0.3417654037475586 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S316

Train Image: S316-07-t10\_01.ppm

Val Image: S316-03-t10\_01.ppm

SIFT Time: 0.2434742450714111 seconds

AKAZE Time: 0.1181166172027588 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S316

Train Image: S316-07-t10\_01.ppm

Val Image: S316-02-t10\_01.ppm

SIFT Time: 0.2628829479217529 seconds

AKAZE Time: 0.1213381290435791 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S316

Train Image: S316-07-t10\_01.ppm

Val Image: S316-01-t10\_01.ppm

SIFT Time: 0.3534445762634277 seconds

AKAZE Time: 0.2079422473907471 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S316

Train Image: S316-07-t10\_01.ppm

Val Image: S316-04-t10\_01.ppm

SIFT Time: 0.3699982166290283 seconds

AKAZE Time: 0.2187020778656006 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S316

Train Image: S316-08-t10\_01.ppm

Val Image: S316-03-t10\_01.ppm

SIFT Time: 0.215595006942749 seconds

AKAZE Time: 0.1197676658630371 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S316

Train Image: S316-08-t10\_01.ppm

Val Image: S316-02-t10\_01.ppm

SIFT Time: 0.2136480808258057 seconds

AKAZE Time: 0.1273036003112793 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S316

Train Image: S316-08-t10\_01.ppm

Val Image: S316-01-t10\_01.ppm

SIFT Time: 0.2454440593719482 seconds

AKAZE Time: 0.1425907611846924 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S316

Train Image: S316-08-t10\_01.ppm

Val Image: S316-04-t10\_01.ppm

SIFT Time: 0.2135324478149414 seconds

AKAZE Time: 0.1245501041412354 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S316

Train Image: S316-05-t10\_01.ppm

Val Image: S316-03-t10\_01.ppm

SIFT Time: 0.2267918586730957 seconds

AKAZE Time: 0.1179928779602051 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S316

Train Image: S316-05-t10\_01.ppm

Val Image: S316-02-t10\_01.ppm

SIFT Time: 0.2372734546661377 seconds

AKAZE Time: 0.119971752166748 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S316

Train Image: S316-05-t10\_01.ppm

Val Image: S316-01-t10\_01.ppm

SIFT Time: 0.3484869003295898 seconds

AKAZE Time: 0.2197527885437012 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S316

Train Image: S316-05-t10\_01.ppm

Val Image: S316-04-t10\_01.ppm

SIFT Time: 0.2804088592529297 seconds

AKAZE Time: 0.1920795440673828 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S316

Train Image: S316-06-t10\_01.ppm

Val Image: S316-03-t10\_01.ppm

SIFT Time: 0.2529962062835693 seconds

AKAZE Time: 0.1200277805328369 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S316

Train Image: S316-06-t10\_01.ppm

Val Image: S316-02-t10\_01.ppm

SIFT Time: 0.2405233383178711 seconds

AKAZE Time: 0.137272834777832 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S316

Train Image: S316-06-t10\_01.ppm

Val Image: S316-01-t10\_01.ppm

SIFT Time: 0.2818098068237305 seconds

AKAZE Time: 0.129331111907959 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S316

Train Image: S316-06-t10\_01.ppm

Val Image: S316-04-t10\_01.ppm

SIFT Time: 0.2892217636108398 seconds

AKAZE Time: 0.1436948776245117 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S321

Train Image: S321-03-t10\_02.ppm

Val Image: S321-03-t10\_01.ppm

SIFT Time: 0.9574573040008545 seconds

AKAZE Time: 0.3514363765716553 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S321

Train Image: S321-03-t10\_02.ppm

Val Image: S321-01-t10\_01.ppm

SIFT Time: 0.5105555057525635 seconds

AKAZE Time: 0.221635103225708 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S321

Train Image: S321-03-t10\_02.ppm

Val Image: S321-02-t10\_01.ppm

SIFT Time: 0.714270830154419 seconds

AKAZE Time: 0.3578979969024658 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S364

Train Image: S364-02-t10\_01.ppm

Val Image: S364-01-t10\_01.ppm

SIFT Time: 0.2292170524597168 seconds

AKAZE Time: 0.1749792098999023 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S357

Train Image: S357-02-t10\_01.ppm

Val Image: S357-01-t10\_01.ppm

SIFT Time: 0.06916570663452148 seconds

AKAZE Time: 0.03694772720336914 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S355

Train Image: S355-01-t10\_01.ppm

Val Image: S355-02-t10\_01.ppm

SIFT Time: 0.1289501190185547 seconds

AKAZE Time: 0.07991814613342285 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S341

Train Image: S341-01-t10\_01.ppm

Val Image: S341-02-t10\_01.ppm

SIFT Time: 0.2244553565979004 seconds

AKAZE Time: 0.1341404914855957 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S352

Train Image: S352-03-t10\_01.ppm

Val Image: S352-01-t10\_01.ppm

SIFT Time: 0.2420728206634521 seconds

AKAZE Time: 0.1269571781158447 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S352

Train Image: S352-03-t10\_01.ppm

Val Image: S352-02-t10\_01.ppm

SIFT Time: 0.3066418170928955 seconds

AKAZE Time: 0.2134690284729004 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S352

Train Image: S352-04-t10\_01.ppm

Val Image: S352-01-t10\_01.ppm

SIFT Time: 0.2450354099273682 seconds

AKAZE Time: 0.172407865524292 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S352

Train Image: S352-04-t10\_01.ppm

Val Image: S352-02-t10\_01.ppm

SIFT Time: 0.2872917652130127 seconds

AKAZE Time: 0.2231450080871582 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S346

Train Image: S346-02-t10\_01.ppm

Val Image: S346-03-t10\_01.ppm

SIFT Time: 0.1135873794555664 seconds

AKAZE Time: 0.08136987686157227 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S346

Train Image: S346-01-t10\_01.ppm

Val Image: S346-03-t10\_01.ppm

SIFT Time: 0.1154377460479736 seconds

AKAZE Time: 0.07992386817932129 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S354

Train Image: S354-02-t10\_01.ppm

Val Image: S354-04-t10\_01.ppm

SIFT Time: 0.2370197772979736 seconds

AKAZE Time: 0.1285414695739746 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S354

Train Image: S354-02-t10\_01.ppm

Val Image: S354-03-t10\_01.ppm

SIFT Time: 0.2092478275299072 seconds

AKAZE Time: 0.1275789737701416 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S354

Train Image: S354-02-t10\_01.ppm

Val Image: S354-01-t10\_01.ppm

SIFT Time: 0.2283535003662109 seconds

AKAZE Time: 0.1660501956939697 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S353

Train Image: S353-03-t10\_01.ppm

Val Image: S353-08-t10\_01.ppm

SIFT Time: 0.2615218162536621 seconds

AKAZE Time: 0.2009825706481934 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S353

Train Image: S353-03-t10\_01.ppm

Val Image: S353-05-t10\_01.ppm

SIFT Time: 0.2536232471466064 seconds

AKAZE Time: 0.3101048469543457 seconds

Fastest Method: SIFT (SIFT lebih cepat)

Folder: S353

Train Image: S353-01-t10\_01.ppm

Val Image: S353-08-t10\_01.ppm

SIFT Time: 0.2603704929351807 seconds

AKAZE Time: 0.1770563125610352 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S353

Train Image: S353-01-t10\_01.ppm

Val Image: S353-05-t10\_01.ppm

SIFT Time: 0.2386419773101807 seconds

AKAZE Time: 0.1254642009735107 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S353

Train Image: S353-02-t10\_01.ppm

Val Image: S353-08-t10\_01.ppm

SIFT Time: 0.2474648952484131 seconds

AKAZE Time: 0.1370625495910645 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S353

Train Image: S353-02-t10\_01.ppm

Val Image: S353-05-t10\_01.ppm

SIFT Time: 0.2626221179962158 seconds

AKAZE Time: 0.124082088470459 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S353

Train Image: S353-06-t10\_01.ppm

Val Image: S353-08-t10\_01.ppm

SIFT Time: 0.2334012985229492 seconds

AKAZE Time: 0.1853015422821045 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S353

Train Image: S353-06-t10\_01.ppm

Val Image: S353-05-t10\_01.ppm

SIFT Time: 0.2783205509185791 seconds

AKAZE Time: 0.2039313316345215 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S353

Train Image: S353-07-t10\_01.ppm

Val Image: S353-08-t10\_01.ppm

SIFT Time: 0.2754199504852295 seconds

AKAZE Time: 0.185427188873291 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S353

Train Image: S353-07-t10\_01.ppm

Val Image: S353-05-t10\_01.ppm

SIFT Time: 0.2346928119659424 seconds

AKAZE Time: 0.1184890270233154 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S353

Train Image: S353-04-t10\_01.ppm

Val Image: S353-08-t10\_01.ppm

SIFT Time: 0.2219564914703369 seconds

AKAZE Time: 0.1307144165039062 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S353

Train Image: S353-04-t10\_01.ppm

Val Image: S353-05-t10\_01.ppm

SIFT Time: 0.2049849033355713 seconds

AKAZE Time: 0.1448094844818115 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S351

Train Image: S351-01-t10\_01.ppm

Val Image: S351-02-t10\_01.ppm

SIFT Time: 0.2697441577911377 seconds

AKAZE Time: 0.1446733474731445 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S350

Train Image: S350-02-t10\_01.ppm

Val Image: S350-01-t10\_01.ppm

SIFT Time: 0.2358701229095459 seconds

AKAZE Time: 0.1289200782775879 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S375

Train Image: S375-02-t10\_01.ppm

Val Image: S375-01-t10\_01.ppm

SIFT Time: 0.274846076965332 seconds

AKAZE Time: 0.192824125289917 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S382

Train Image: S382-05-t10\_01.ppm

Val Image: S382-08-t10\_01.ppm

SIFT Time: 0.2560992240905762 seconds

AKAZE Time: 0.1409716606140137 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S382

Train Image: S382-05-t10\_01.ppm

Val Image: S382-10-t10\_01.ppm

SIFT Time: 0.2602546215057373 seconds

AKAZE Time: 0.1476371288299561 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S382

Train Image: S382-05-t10\_01.ppm

Val Image: S382-01-t10\_01.ppm

SIFT Time: 0.3622605800628662 seconds

AKAZE Time: 0.1478683948516846 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S382

Train Image: S382-05-t10\_01.ppm

Val Image: S382-06-t10\_01.ppm

SIFT Time: 0.2809803485870361 seconds

AKAZE Time: 0.1359293460845947 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S382

Train Image: S382-05-t10\_01.ppm

Val Image: S382-03-t10\_01.ppm

SIFT Time: 0.2616002559661865 seconds

AKAZE Time: 0.1385407447814941 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S382

Train Image: S382-05-t10\_01.ppm

Val Image: S382-02-t10\_01.ppm

SIFT Time: 0.3045551776885986 seconds

AKAZE Time: 0.2782185077667236 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S382

Train Image: S382-05-t10\_01.ppm

Val Image: S382-07-t10\_01.ppm

SIFT Time: 0.2475080490112305 seconds

AKAZE Time: 0.1277906894683838 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S382

Train Image: S382-09-t10\_01.ppm

Val Image: S382-08-t10\_01.ppm

SIFT Time: 0.24843430519104 seconds

AKAZE Time: 0.1154570579528809 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S382

Train Image: S382-09-t10\_01.ppm

Val Image: S382-10-t10\_01.ppm

SIFT Time: 0.2569780349731445 seconds

AKAZE Time: 0.1255924701690674 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S382

Train Image: S382-09-t10\_01.ppm

Val Image: S382-01-t10\_01.ppm

SIFT Time: 0.2896342277526855 seconds

AKAZE Time: 0.1371901035308838 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S382

Train Image: S382-09-t10\_01.ppm

Val Image: S382-06-t10\_01.ppm

SIFT Time: 0.2783067226409912 seconds

AKAZE Time: 0.1261839866638184 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S382

Train Image: S382-09-t10\_01.ppm

Val Image: S382-03-t10\_01.ppm

SIFT Time: 0.2534663677215576 seconds

AKAZE Time: 0.1189274787902832 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S382

Train Image: S382-09-t10\_01.ppm

Val Image: S382-02-t10\_01.ppm

SIFT Time: 0.2501418590545654 seconds

AKAZE Time: 0.1509993076324463 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S382

Train Image: S382-09-t10\_01.ppm

Val Image: S382-07-t10\_01.ppm

SIFT Time: 0.3523504734039307 seconds

AKAZE Time: 0.2310009002685547 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S382

Train Image: S382-04-t10\_01.ppm

Val Image: S382-08-t10\_01.ppm

SIFT Time: 0.3098227977752686 seconds

AKAZE Time: 0.2120025157928467 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S382

Train Image: S382-04-t10\_01.ppm

Val Image: S382-10-t10\_01.ppm

SIFT Time: 0.2485959529876709 seconds

AKAZE Time: 0.1295449733734131 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S382

Train Image: S382-04-t10\_01.ppm

Val Image: S382-01-t10\_01.ppm

SIFT Time: 0.2468383312225342 seconds

AKAZE Time: 0.1320731639862061 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S382

Train Image: S382-04-t10\_01.ppm

Val Image: S382-06-t10\_01.ppm

SIFT Time: 0.2533085346221924 seconds

AKAZE Time: 0.1296534538269043 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S382

Train Image: S382-04-t10\_01.ppm

Val Image: S382-03-t10\_01.ppm

SIFT Time: 0.267812967300415 seconds

AKAZE Time: 0.1227090358734131 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S382

Train Image: S382-04-t10\_01.ppm

Val Image: S382-02-t10\_01.ppm

SIFT Time: 0.2339632511138916 seconds

AKAZE Time: 0.130620002746582 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S382

Train Image: S382-04-t10\_01.ppm

Val Image: S382-07-t10\_01.ppm

SIFT Time: 0.248927116394043 seconds

AKAZE Time: 0.1306934356689453 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S385

Train Image: S385-02-t10\_01.ppm

Val Image: S385-01-t10\_01.ppm

SIFT Time: 0.3936629295349121 seconds

AKAZE Time: 0.232597827911377 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S384

Train Image: S384-01-t10\_01.ppm

Val Image: S384-02-t10\_01.ppm

SIFT Time: 0.1259808540344238 seconds

AKAZE Time: 0.0812215805053711 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S373

Train Image: S373-06-t10\_01.ppm

Val Image: S373-05-t10\_01.ppm

SIFT Time: 0.2262003421783447 seconds

AKAZE Time: 0.1312832832336426 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S373

Train Image: S373-06-t10\_01.ppm

Val Image: S373-02-t10\_01.ppm

SIFT Time: 0.272972583770752 seconds

AKAZE Time: 0.1410324573516846 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S373

Train Image: S373-06-t10\_01.ppm

Val Image: S373-04-t10\_01.ppm

SIFT Time: 0.2481484413146973 seconds

AKAZE Time: 0.1444642543792725 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S373

Train Image: S373-01-t10\_01.ppm

Val Image: S373-05-t10\_01.ppm

SIFT Time: 0.2419424057006836 seconds

AKAZE Time: 0.1331822872161865 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S373

Train Image: S373-01-t10\_01.ppm

Val Image: S373-02-t10\_01.ppm

SIFT Time: 0.3458714485168457 seconds

AKAZE Time: 0.2203452587127686 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S373

Train Image: S373-01-t10\_01.ppm

Val Image: S373-04-t10\_01.ppm

SIFT Time: 0.3216037750244141 seconds

AKAZE Time: 0.1800274848937988 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S373

Train Image: S373-03-t10\_01.ppm

Val Image: S373-05-t10\_01.ppm

SIFT Time: 0.2554378509521484 seconds

AKAZE Time: 0.1506280899047852 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S373

Train Image: S373-03-t10\_01.ppm

Val Image: S373-02-t10\_01.ppm

SIFT Time: 0.2622473239898682 seconds

AKAZE Time: 0.1591424942016602 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S373

Train Image: S373-03-t10\_01.ppm

Val Image: S373-04-t10\_01.ppm

SIFT Time: 0.2392897605895996 seconds

AKAZE Time: 0.1213729381561279 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S383

Train Image: S383-02-t10\_01.ppm

Val Image: S383-01-t10\_01.ppm

SIFT Time: 0.2692599296569824 seconds

AKAZE Time: 0.1126010417938232 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S380

Train Image: S380-02-t10\_01.ppm

Val Image: S380-01-t10\_01.ppm

SIFT Time: 0.3969485759735107 seconds

AKAZE Time: 0.2123446464538574 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S380

Train Image: S380-02-t10\_01.ppm

Val Image: S380-07-t10\_01.ppm

SIFT Time: 0.3903448581695557 seconds

AKAZE Time: 0.2439355850219727 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S380

Train Image: S380-02-t10\_01.ppm

Val Image: S380-04-t10\_01.ppm

SIFT Time: 0.2977409362792969 seconds

AKAZE Time: 0.1218271255493164 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S380

Train Image: S380-02-t10\_01.ppm

Val Image: S380-05-t10\_01.ppm

SIFT Time: 0.2563042640686035 seconds

AKAZE Time: 0.1363704204559326 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S380

Train Image: S380-06-t10\_01.ppm

Val Image: S380-01-t10\_01.ppm

SIFT Time: 0.3560717105865479 seconds

AKAZE Time: 0.1462979316711426 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S380

Train Image: S380-06-t10\_01.ppm

Val Image: S380-07-t10\_01.ppm

SIFT Time: 0.2407886981964111 seconds

AKAZE Time: 0.1202349662780762 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S380

Train Image: S380-06-t10\_01.ppm

Val Image: S380-04-t10\_01.ppm

SIFT Time: 0.2360222339630127 seconds

AKAZE Time: 0.1367475986480713 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S380

Train Image: S380-06-t10\_01.ppm

Val Image: S380-05-t10\_01.ppm

SIFT Time: 0.3422801494598389 seconds

AKAZE Time: 0.1574692726135254 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S380

Train Image: S380-03-t10\_01.ppm

Val Image: S380-01-t10\_01.ppm

SIFT Time: 0.2983193397521973 seconds

AKAZE Time: 0.1943328380584717 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S380

Train Image: S380-03-t10\_01.ppm

Val Image: S380-07-t10\_01.ppm

SIFT Time: 0.3378665447235107 seconds

AKAZE Time: 0.211667537689209 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S380

Train Image: S380-03-t10\_01.ppm

Val Image: S380-04-t10\_01.ppm

SIFT Time: 0.2701950073242188 seconds

AKAZE Time: 0.1210145950317383 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S380

Train Image: S380-03-t10\_01.ppm

Val Image: S380-05-t10\_01.ppm

SIFT Time: 0.251255989074707 seconds

AKAZE Time: 0.1203920841217041 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S381

Train Image: S381-02-t10\_01.ppm

Val Image: S381-01-t10\_01.ppm

SIFT Time: 0.2429337501525879 seconds

AKAZE Time: 0.1225450038909912 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S376

Train Image: S376-01-t10\_01.ppm

Val Image: S376-02-t10\_01.ppm

SIFT Time: 0.123117208480835 seconds

AKAZE Time: 0.07918286323547363 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S376

Train Image: S376-01-t10\_01.ppm

Val Image: S376-03-t10\_01.ppm

SIFT Time: 0.1377730369567871 seconds

AKAZE Time: 0.08597612380981445 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S367

Train Image: S367-02-t10\_01.ppm

Val Image: S367-01-t10\_01.ppm

SIFT Time: 0.3959832191467285 seconds

AKAZE Time: 0.1887390613555908 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S389

Train Image: S389-02-t10\_01.ppm

Val Image: S389-01-t10\_01.ppm

SIFT Time: 0.8055980205535889 seconds

AKAZE Time: 0.3464381694793701 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S394

Train Image: S394-02-t10\_01.ppm

Val Image: S394-01-t10\_01.ppm

SIFT Time: 0.2411408424377441 seconds

AKAZE Time: 0.1352329254150391 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S394

Train Image: S394-03-t10\_01.ppm

Val Image: S394-01-t10\_01.ppm

SIFT Time: 0.2290439605712891 seconds

AKAZE Time: 0.1375601291656494 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S394

Train Image: S394-04-t10\_01.ppm

Val Image: S394-01-t10\_01.ppm

SIFT Time: 0.2672600746154785 seconds

AKAZE Time: 0.1897501945495605 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S394

Train Image: S394-05-t10\_01.ppm

Val Image: S394-01-t10\_01.ppm

SIFT Time: 0.2672066688537598 seconds

AKAZE Time: 0.1950340270996094 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S395

Train Image: S395-02-t10\_01.ppm

Val Image: S395-01-t10\_01.ppm

SIFT Time: 0.6855556964874268 seconds

AKAZE Time: 0.3615663051605225 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

SIFT Time: 0.2481496334075928 seconds

AKAZE Time: 0.1606936454772949 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

SIFT Time: 0.2244458198547363 seconds

AKAZE Time: 0.131173849105835 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

SIFT Time: 0.4683523178100586 seconds

AKAZE Time: 0.1963207721710205 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

SIFT Time: 0.3246309757232666 seconds

AKAZE Time: 0.2289574146270752 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

SIFT Time: 0.2303943634033203 seconds

AKAZE Time: 0.1256396770477295 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

SIFT Time: 0.2266604900360107 seconds

AKAZE Time: 0.127244234085083 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

SIFT Time: 0.2252609729766846 seconds

AKAZE Time: 0.1250739097595215 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

SIFT Time: 0.2131216526031494 seconds

AKAZE Time: 0.123344898223877 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

SIFT Time: 0.2262265682220459 seconds

AKAZE Time: 0.1290702819824219 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

SIFT Time: 0.3210828304290771 seconds

AKAZE Time: 0.2148966789245605 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

SIFT Time: 0.31064772605896 seconds

AKAZE Time: 0.2213504314422607 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

SIFT Time: 0.2631754875183105 seconds

AKAZE Time: 0.1327903270721436 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

SIFT Time: 0.2287337779998779 seconds

AKAZE Time: 0.1280207633972168 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

SIFT Time: 0.2285165786743164 seconds

AKAZE Time: 0.1264514923095703 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

SIFT Time: 0.2312004566192627 seconds

AKAZE Time: 0.1275336742401123 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

SIFT Time: 0.2425065040588379 seconds

AKAZE Time: 0.1581697463989258 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

SIFT Time: 0.2176556587219238 seconds

AKAZE Time: 0.1264095306396484 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

SIFT Time: 0.3580667972564697 seconds

AKAZE Time: 0.2341024875640869 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

SIFT Time: 0.2315304279327393 seconds

AKAZE Time: 0.1654906272888184 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

SIFT Time: 0.2685282230377197 seconds

AKAZE Time: 0.3089742660522461 seconds

Fastest Method: SIFT (SIFT lebih cepat)

Folder: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

SIFT Time: 0.1839306354522705 seconds

AKAZE Time: 0.1095147132873535 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

SIFT Time: 0.1983726024627686 seconds

AKAZE Time: 0.1113035678863525 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

SIFT Time: 0.301884651184082 seconds

AKAZE Time: 0.2436845302581787 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

SIFT Time: 0.2693939208984375 seconds

AKAZE Time: 0.2308485507965088 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

SIFT Time: 0.2777869701385498 seconds

AKAZE Time: 0.2311465740203857 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

SIFT Time: 0.1817035675048828 seconds

AKAZE Time: 0.1118543148040771 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

SIFT Time: 0.2826616764068604 seconds

AKAZE Time: 0.1730277538299561 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

SIFT Time: 0.3073258399963379 seconds

AKAZE Time: 0.2125520706176758 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

SIFT Time: 0.2964885234832764 seconds

AKAZE Time: 0.1940767765045166 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

SIFT Time: 0.2357807159423828 seconds

AKAZE Time: 0.12851881980896 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

SIFT Time: 0.2200534343719482 seconds

AKAZE Time: 0.1309587955474854 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

SIFT Time: 0.2235546112060547 seconds

AKAZE Time: 0.1433632373809814 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

SIFT Time: 0.2261762619018555 seconds

AKAZE Time: 0.1646809577941895 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

SIFT Time: 0.2286720275878906 seconds

AKAZE Time: 0.1252660751342773 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

SIFT Time: 0.266772985458374 seconds

AKAZE Time: 0.124387264251709 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

SIFT Time: 0.3654937744140625 seconds

AKAZE Time: 0.1950814723968506 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

SIFT Time: 0.2440042495727539 seconds

AKAZE Time: 0.2425305843353271 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

SIFT Time: 0.2711777687072754 seconds

AKAZE Time: 0.138638973236084 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

SIFT Time: 0.2324440479278564 seconds

AKAZE Time: 0.1240589618682861 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

SIFT Time: 0.2493689060211182 seconds

AKAZE Time: 0.1302950382232666 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

SIFT Time: 0.2708513736724854 seconds

AKAZE Time: 0.1378984451293945 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

SIFT Time: 0.2523410320281982 seconds

AKAZE Time: 0.1342740058898926 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

SIFT Time: 0.2841119766235352 seconds

AKAZE Time: 0.1234402656555176 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

SIFT Time: 0.2288210391998291 seconds

AKAZE Time: 0.1232328414916992 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

SIFT Time: 0.3133797645568848 seconds

AKAZE Time: 0.2114493846893311 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

SIFT Time: 0.2607824802398682 seconds

AKAZE Time: 0.1991062164306641 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

SIFT Time: 0.25594162940979 seconds

AKAZE Time: 0.1137516498565674 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

SIFT Time: 0.2469089031219482 seconds

AKAZE Time: 0.1190662384033203 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

SIFT Time: 0.2486419677734375 seconds

AKAZE Time: 0.1682007312774658 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

SIFT Time: 0.2406570911407471 seconds

AKAZE Time: 0.1250782012939453 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

SIFT Time: 0.2455081939697266 seconds

AKAZE Time: 0.1430137157440186 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

SIFT Time: 0.2451472282409668 seconds

AKAZE Time: 0.1252593994140625 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

SIFT Time: 0.2508370876312256 seconds

AKAZE Time: 0.1618845462799072 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

SIFT Time: 0.3027245998382568 seconds

AKAZE Time: 0.2109649181365967 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

SIFT Time: 0.2861306667327881 seconds

AKAZE Time: 0.2172870635986328 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

SIFT Time: 0.2066817283630371 seconds

AKAZE Time: 0.130728006362915 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

SIFT Time: 0.2350711822509766 seconds

AKAZE Time: 0.1289262771606445 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

SIFT Time: 0.2528302669525146 seconds

AKAZE Time: 0.1374766826629639 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

SIFT Time: 0.273582935333252 seconds

AKAZE Time: 0.1642739772796631 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

SIFT Time: 0.2453651428222656 seconds

AKAZE Time: 0.1301817893981934 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

SIFT Time: 0.240227222442627 seconds

AKAZE Time: 0.1256685256958008 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

SIFT Time: 0.2387354373931885 seconds

AKAZE Time: 0.1286599636077881 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

SIFT Time: 0.3825078010559082 seconds

AKAZE Time: 0.2126772403717041 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

SIFT Time: 0.3007535934448242 seconds

AKAZE Time: 0.2557613849639893 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

SIFT Time: 0.3308799266815186 seconds

AKAZE Time: 0.1185300350189209 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

SIFT Time: 0.2390797138214111 seconds

AKAZE Time: 0.1433172225952148 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

SIFT Time: 0.2380406856536865 seconds

AKAZE Time: 0.1222827434539795 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

SIFT Time: 0.2198226451873779 seconds

AKAZE Time: 0.1273930072784424 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

SIFT Time: 0.2577383518218994 seconds

AKAZE Time: 0.1245105266571045 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

SIFT Time: 0.2405250072479248 seconds

AKAZE Time: 0.1297035217285156 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

SIFT Time: 0.2416784763336182 seconds

AKAZE Time: 0.1565380096435547 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

SIFT Time: 0.2690834999084473 seconds

AKAZE Time: 0.178530216217041 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

SIFT Time: 0.2869348526000977 seconds

AKAZE Time: 0.2234330177307129 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

SIFT Time: 0.2428827285766602 seconds

AKAZE Time: 0.1440401077270508 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

SIFT Time: 0.2494485378265381 seconds

AKAZE Time: 0.1431853771209717 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

SIFT Time: 0.2780590057373047 seconds

AKAZE Time: 0.1428585052490234 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

SIFT Time: 0.2542884349822998 seconds

AKAZE Time: 0.1864006519317627 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

SIFT Time: 0.2511610984802246 seconds

AKAZE Time: 0.1419551372528076 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

SIFT Time: 0.2534406185150146 seconds

AKAZE Time: 0.1251873970031738 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

SIFT Time: 0.3938539028167725 seconds

AKAZE Time: 0.1669554710388184 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

SIFT Time: 0.319819450378418 seconds

AKAZE Time: 0.2134773731231689 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S390

Train Image: S390-02-t10\_01.ppm

Val Image: S390-01-t10\_01.ppm

SIFT Time: 0.2604331970214844 seconds

AKAZE Time: 0.123246431350708 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S391

Train Image: S391-01-t10\_01.ppm

Val Image: S391-02-t10\_01.ppm

SIFT Time: 0.2115123271942139 seconds

AKAZE Time: 0.1289150714874268 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S391

Train Image: S391-01-t10\_01.ppm

Val Image: S391-03-t10\_01.ppm

SIFT Time: 0.2223446369171143 seconds

AKAZE Time: 0.1275250911712646 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S387

Train Image: S387-03-t10\_01.ppm

Val Image: S387-01-t10\_01.ppm

SIFT Time: 0.241703987121582 seconds

AKAZE Time: 0.1328666210174561 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S387

Train Image: S387-02-t10\_01.ppm

Val Image: S387-01-t10\_01.ppm

SIFT Time: 0.22757887840271 seconds

AKAZE Time: 0.1900687217712402 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S392

Train Image: S392-03-t10\_01.ppm

Val Image: S392-01-t10\_01.ppm

SIFT Time: 0.3071470260620117 seconds

AKAZE Time: 0.2305874824523926 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S392

Train Image: S392-03-t10\_01.ppm

Val Image: S392-02-t10\_01.ppm

SIFT Time: 0.2213408946990967 seconds

AKAZE Time: 0.1264231204986572 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S392

Train Image: S392-03-t10\_01.ppm

Val Image: S392-04-t10\_01.ppm

SIFT Time: 0.2268984317779541 seconds

AKAZE Time: 0.1957674026489258 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S392

Train Image: S392-03-t10\_01.ppm

Val Image: S392-08-t10\_01.ppm

SIFT Time: 0.2264208793640137 seconds

AKAZE Time: 0.1277780532836914 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S392

Train Image: S392-03-t10\_01.ppm

Val Image: S392-07-t10\_01.ppm

SIFT Time: 0.2407784461975098 seconds

AKAZE Time: 0.12607741355896 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S392

Train Image: S392-06-t10\_01.ppm

Val Image: S392-01-t10\_01.ppm

SIFT Time: 0.2412927150726318 seconds

AKAZE Time: 0.1887025833129883 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S392

Train Image: S392-06-t10\_01.ppm

Val Image: S392-02-t10\_01.ppm

SIFT Time: 0.3370857238769531 seconds

AKAZE Time: 0.2095160484313965 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S392

Train Image: S392-06-t10\_01.ppm

Val Image: S392-04-t10\_01.ppm

SIFT Time: 0.3057961463928223 seconds

AKAZE Time: 0.2155332565307617 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S392

Train Image: S392-06-t10\_01.ppm

Val Image: S392-08-t10\_01.ppm

SIFT Time: 0.2812118530273438 seconds

AKAZE Time: 0.1368494033813477 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S392

Train Image: S392-06-t10\_01.ppm

Val Image: S392-07-t10\_01.ppm

SIFT Time: 0.2507491111755371 seconds

AKAZE Time: 0.1461434364318848 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S392

Train Image: S392-05-t10\_01.ppm

Val Image: S392-01-t10\_01.ppm

SIFT Time: 0.2598509788513184 seconds

AKAZE Time: 0.1391198635101318 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S392

Train Image: S392-05-t10\_01.ppm

Val Image: S392-02-t10\_01.ppm

SIFT Time: 0.2547943592071533 seconds

AKAZE Time: 0.1282315254211426 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S392

Train Image: S392-05-t10\_01.ppm

Val Image: S392-04-t10\_01.ppm

SIFT Time: 0.253347635269165 seconds

AKAZE Time: 0.1385500431060791 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S392

Train Image: S392-05-t10\_01.ppm

Val Image: S392-08-t10\_01.ppm

SIFT Time: 0.2653865814208984 seconds

AKAZE Time: 0.1207337379455566 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S392

Train Image: S392-05-t10\_01.ppm

Val Image: S392-07-t10\_01.ppm

SIFT Time: 0.2466490268707275 seconds

AKAZE Time: 0.2256600856781006 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S393

Train Image: S393-01-t10\_01.ppm

Val Image: S393-02-t10\_01.ppm

SIFT Time: 0.3347880840301514 seconds

AKAZE Time: 0.3027322292327881 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S393

Train Image: S393-01-t10\_01.ppm

Val Image: S393-03-t10\_01.ppm

SIFT Time: 0.2170467376708984 seconds

AKAZE Time: 0.1690075397491455 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S393

Train Image: S393-01-t10\_01.ppm

Val Image: S393-04-t10\_01.ppm

SIFT Time: 0.2584238052368164 seconds

AKAZE Time: 0.1356596946716309 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S386

Train Image: S386-07-t10\_01.ppm

Val Image: S386-05-t10\_01.ppm

SIFT Time: 0.1262562274932861 seconds

AKAZE Time: 0.07952094078063965 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S386

Train Image: S386-07-t10\_01.ppm

Val Image: S386-02-t10\_01.ppm

SIFT Time: 0.1309647560119629 seconds

AKAZE Time: 0.08932375907897949 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S386

Train Image: S386-07-t10\_01.ppm

Val Image: S386-01-t10\_01.ppm

SIFT Time: 0.1247172355651855 seconds

AKAZE Time: 0.07904767990112305 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S386

Train Image: S386-07-t10\_01.ppm

Val Image: S386-06-t10\_01.ppm

SIFT Time: 0.1159443855285645 seconds

AKAZE Time: 0.1104640960693359 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S386

Train Image: S386-04-t10\_01.ppm

Val Image: S386-05-t10\_01.ppm

SIFT Time: 0.2531411647796631 seconds

AKAZE Time: 0.1493625640869141 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S386

Train Image: S386-04-t10\_01.ppm

Val Image: S386-02-t10\_01.ppm

SIFT Time: 0.2397074699401855 seconds

AKAZE Time: 0.1549310684204102 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S386

Train Image: S386-04-t10\_01.ppm

Val Image: S386-01-t10\_01.ppm

SIFT Time: 0.1633775234222412 seconds

AKAZE Time: 0.0818183422088623 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S386

Train Image: S386-04-t10\_01.ppm

Val Image: S386-06-t10\_01.ppm

SIFT Time: 0.1361968517303467 seconds

AKAZE Time: 0.08377718925476074 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S386

Train Image: S386-08-t10\_01.ppm

Val Image: S386-05-t10\_01.ppm

SIFT Time: 0.1285979747772217 seconds

AKAZE Time: 0.07971549034118652 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S386

Train Image: S386-08-t10\_01.ppm

Val Image: S386-02-t10\_01.ppm

SIFT Time: 0.1324119567871094 seconds

AKAZE Time: 0.08233261108398438 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S386

Train Image: S386-08-t10\_01.ppm

Val Image: S386-01-t10\_01.ppm

SIFT Time: 0.1223485469818115 seconds

AKAZE Time: 0.08212161064147949 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S386

Train Image: S386-08-t10\_01.ppm

Val Image: S386-06-t10\_01.ppm

SIFT Time: 0.1217014789581299 seconds

AKAZE Time: 0.08330607414245605 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S386

Train Image: S386-03-t10\_01.ppm

Val Image: S386-05-t10\_01.ppm

SIFT Time: 0.1366517543792725 seconds

AKAZE Time: 0.08049178123474121 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S386

Train Image: S386-03-t10\_01.ppm

Val Image: S386-02-t10\_01.ppm

SIFT Time: 0.1440582275390625 seconds

AKAZE Time: 0.1005668640136719 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S386

Train Image: S386-03-t10\_01.ppm

Val Image: S386-01-t10\_01.ppm

SIFT Time: 0.1364476680755615 seconds

AKAZE Time: 0.0811464786529541 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S386

Train Image: S386-03-t10\_01.ppm

Val Image: S386-06-t10\_01.ppm

SIFT Time: 0.132575511932373 seconds

AKAZE Time: 0.1339733600616455 seconds

Fastest Method: SIFT (SIFT lebih cepat)

Folder: S400

Train Image: S400-01-t10\_01.ppm

Val Image: S400-02-t10\_01.ppm

SIFT Time: 0.591667890548706 seconds

AKAZE Time: 0.3208591938018799 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S400

Train Image: S400-03-t10\_01.ppm

Val Image: S400-02-t10\_01.ppm

SIFT Time: 0.5612788200378418 seconds

AKAZE Time: 0.3847525119781494 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S402

Train Image: S402-01-t10\_01.ppm

Val Image: S402-02-t10\_01.ppm

SIFT Time: 0.2188212871551514 seconds

AKAZE Time: 0.1359765529632568 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S398

Train Image: S398-03-t10\_01.ppm

Val Image: S398-02-t10\_01.ppm

SIFT Time: 0.2972812652587891 seconds

AKAZE Time: 0.2034094333648682 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S398

Train Image: S398-01-t10\_01.ppm

Val Image: S398-02-t10\_01.ppm

SIFT Time: 0.316852331161499 seconds

AKAZE Time: 0.2004199028015137 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S401

Train Image: S401-03-t10\_01.ppm

Val Image: S401-05-t10\_01.ppm

SIFT Time: 0.2239832878112793 seconds

AKAZE Time: 0.1228506565093994 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S401

Train Image: S401-03-t10\_01.ppm

Val Image: S401-08-t10\_01.ppm

SIFT Time: 0.2037889957427979 seconds

AKAZE Time: 0.1366751194000244 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S401

Train Image: S401-03-t10\_01.ppm

Val Image: S401-01-t10\_01.ppm

SIFT Time: 0.2062506675720215 seconds

AKAZE Time: 0.1211507320404053 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S401

Train Image: S401-02-t10\_01.ppm

Val Image: S401-05-t10\_01.ppm

SIFT Time: 0.316847562789917 seconds

AKAZE Time: 0.2245314121246338 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S401

Train Image: S401-02-t10\_01.ppm

Val Image: S401-08-t10\_01.ppm

SIFT Time: 0.2991180419921875 seconds

AKAZE Time: 0.2370009422302246 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S401

Train Image: S401-02-t10\_01.ppm

Val Image: S401-01-t10\_01.ppm

SIFT Time: 0.402658224105835 seconds

AKAZE Time: 0.397193431854248 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S401

Train Image: S401-07-t10\_01.ppm

Val Image: S401-05-t10\_01.ppm

SIFT Time: 0.297004222869873 seconds

AKAZE Time: 0.203751802444458 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S401

Train Image: S401-07-t10\_01.ppm

Val Image: S401-08-t10\_01.ppm

SIFT Time: 0.2146472930908203 seconds

AKAZE Time: 0.1230785846710205 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S401

Train Image: S401-07-t10\_01.ppm

Val Image: S401-01-t10\_01.ppm

SIFT Time: 0.2241337299346924 seconds

AKAZE Time: 0.1196215152740479 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S401

Train Image: S401-09-t10\_01.ppm

Val Image: S401-05-t10\_01.ppm

SIFT Time: 0.2474524974822998 seconds

AKAZE Time: 0.1492230892181396 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S401

Train Image: S401-09-t10\_01.ppm

Val Image: S401-08-t10\_01.ppm

SIFT Time: 0.2394671440124512 seconds

AKAZE Time: 0.1208319664001465 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S401

Train Image: S401-09-t10\_01.ppm

Val Image: S401-01-t10\_01.ppm

SIFT Time: 0.2321488857269287 seconds

AKAZE Time: 0.1674773693084717 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S401

Train Image: S401-04-t10\_01.ppm

Val Image: S401-05-t10\_01.ppm

SIFT Time: 0.2380132675170898 seconds

AKAZE Time: 0.1662421226501465 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S401

Train Image: S401-04-t10\_01.ppm

Val Image: S401-08-t10\_01.ppm

SIFT Time: 0.308060884475708 seconds

AKAZE Time: 0.3526709079742432 seconds

Fastest Method: SIFT (SIFT lebih cepat)

Folder: S401

Train Image: S401-04-t10\_01.ppm

Val Image: S401-01-t10\_01.ppm

SIFT Time: 0.3292462825775146 seconds

AKAZE Time: 0.202275276184082 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S401

Train Image: S401-06-t10\_01.ppm

Val Image: S401-05-t10\_01.ppm

SIFT Time: 0.2241647243499756 seconds

AKAZE Time: 0.1372699737548828 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S401

Train Image: S401-06-t10\_01.ppm

Val Image: S401-08-t10\_01.ppm

SIFT Time: 0.218477725982666 seconds

AKAZE Time: 0.1387407779693604 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S401

Train Image: S401-06-t10\_01.ppm

Val Image: S401-01-t10\_01.ppm

SIFT Time: 0.2063796520233154 seconds

AKAZE Time: 0.1206185817718506 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S397

Train Image: S397-02-t10\_02.ppm

Val Image: S397-01-t10\_01.ppm

SIFT Time: 0.6001040935516357 seconds

AKAZE Time: 0.3331422805786133 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S397

Train Image: S397-02-t10\_02.ppm

Val Image: S397-02-t10\_01.ppm

SIFT Time: 0.832256555557251 seconds

AKAZE Time: 0.7036125659942627 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S397

Train Image: S397-02-t10\_02.ppm

Val Image: S397-03-t10\_01.ppm

SIFT Time: 0.6101937294006348 seconds

AKAZE Time: 0.3185734748840332 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S397

Train Image: S397-03-t10\_02.ppm

Val Image: S397-01-t10\_01.ppm

SIFT Time: 0.5829308032989502 seconds

AKAZE Time: 0.4422507286071777 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S397

Train Image: S397-03-t10\_02.ppm

Val Image: S397-02-t10\_01.ppm

SIFT Time: 0.8723888397216797 seconds

AKAZE Time: 0.4819605350494385 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S397

Train Image: S397-03-t10\_02.ppm

Val Image: S397-03-t10\_01.ppm

SIFT Time: 0.5943489074707031 seconds

AKAZE Time: 0.3188493251800537 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-02-t10\_01.ppm

Val Image: S404-06-t10\_01.ppm

SIFT Time: 0.2405726909637451 seconds

AKAZE Time: 0.1264855861663818 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-02-t10\_01.ppm

Val Image: S404-07-t10\_01.ppm

SIFT Time: 0.2594461441040039 seconds

AKAZE Time: 0.1234221458435059 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-02-t10\_01.ppm

Val Image: S404-11-t10\_01.ppm

SIFT Time: 0.226994514465332 seconds

AKAZE Time: 0.1237335205078125 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-02-t10\_01.ppm

Val Image: S404-04-t10\_01.ppm

SIFT Time: 0.2972707748413086 seconds

AKAZE Time: 0.2549006938934326 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-02-t10\_01.ppm

Val Image: S404-13-t10\_01.ppm

SIFT Time: 0.2642593383789062 seconds

AKAZE Time: 0.2094433307647705 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-02-t10\_01.ppm

Val Image: S404-10-t10\_01.ppm

SIFT Time: 0.2472572326660156 seconds

AKAZE Time: 0.1285905838012695 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-02-t10\_01.ppm

Val Image: S404-08-t10\_01.ppm

SIFT Time: 0.2436115741729736 seconds

AKAZE Time: 0.1246232986450195 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-09-t10\_01.ppm

Val Image: S404-06-t10\_01.ppm

SIFT Time: 0.2195038795471191 seconds

AKAZE Time: 0.1356422901153564 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-09-t10\_01.ppm

Val Image: S404-07-t10\_01.ppm

SIFT Time: 0.2341370582580566 seconds

AKAZE Time: 0.1312623023986816 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-09-t10\_01.ppm

Val Image: S404-11-t10\_01.ppm

SIFT Time: 0.2240481376647949 seconds

AKAZE Time: 0.1294186115264893 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-09-t10\_01.ppm

Val Image: S404-04-t10\_01.ppm

SIFT Time: 0.2096607685089111 seconds

AKAZE Time: 0.1761293411254883 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-09-t10\_01.ppm

Val Image: S404-13-t10\_01.ppm

SIFT Time: 0.3064661026000977 seconds

AKAZE Time: 0.1967906951904297 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-09-t10\_01.ppm

Val Image: S404-10-t10\_01.ppm

SIFT Time: 0.3447213172912598 seconds

AKAZE Time: 0.2075381278991699 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-09-t10\_01.ppm

Val Image: S404-08-t10\_01.ppm

SIFT Time: 0.2185680866241455 seconds

AKAZE Time: 0.1330537796020508 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-05-t10\_01.ppm

Val Image: S404-06-t10\_01.ppm

SIFT Time: 0.2346808910369873 seconds

AKAZE Time: 0.127269983291626 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-05-t10\_01.ppm

Val Image: S404-07-t10\_01.ppm

SIFT Time: 0.2066667079925537 seconds

AKAZE Time: 0.1252501010894775 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-05-t10\_01.ppm

Val Image: S404-11-t10\_01.ppm

SIFT Time: 0.2046623229980469 seconds

AKAZE Time: 0.1262481212615967 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-05-t10\_01.ppm

Val Image: S404-04-t10\_01.ppm

SIFT Time: 0.2061684131622314 seconds

AKAZE Time: 0.1185798645019531 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-05-t10\_01.ppm

Val Image: S404-13-t10\_01.ppm

SIFT Time: 0.2178006172180176 seconds

AKAZE Time: 0.124077320098877 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-05-t10\_01.ppm

Val Image: S404-10-t10\_01.ppm

SIFT Time: 0.2416467666625977 seconds

AKAZE Time: 0.1907579898834229 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-05-t10\_01.ppm

Val Image: S404-08-t10\_01.ppm

SIFT Time: 0.3678479194641113 seconds

AKAZE Time: 0.2258131504058838 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-01-t10\_01.ppm

Val Image: S404-06-t10\_01.ppm

SIFT Time: 0.2649590969085693 seconds

AKAZE Time: 0.132957935333252 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-01-t10\_01.ppm

Val Image: S404-07-t10\_01.ppm

SIFT Time: 0.2375862598419189 seconds

AKAZE Time: 0.1281344890594482 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-01-t10\_01.ppm

Val Image: S404-11-t10\_01.ppm

SIFT Time: 0.2228000164031982 seconds

AKAZE Time: 0.13364577293396 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-01-t10\_01.ppm

Val Image: S404-04-t10\_01.ppm

SIFT Time: 0.2377221584320068 seconds

AKAZE Time: 0.1398417949676514 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-01-t10\_01.ppm

Val Image: S404-13-t10\_01.ppm

SIFT Time: 0.2201976776123047 seconds

AKAZE Time: 0.14687180519104 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-01-t10\_01.ppm

Val Image: S404-10-t10\_01.ppm

SIFT Time: 0.2275047302246094 seconds

AKAZE Time: 0.1305103302001953 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-01-t10\_01.ppm

Val Image: S404-08-t10\_01.ppm

SIFT Time: 0.2325901985168457 seconds

AKAZE Time: 0.1910462379455566 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-03-t10\_01.ppm

Val Image: S404-06-t10\_01.ppm

SIFT Time: 0.2937438488006592 seconds

AKAZE Time: 0.1965711116790771 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-03-t10\_01.ppm

Val Image: S404-07-t10\_01.ppm

SIFT Time: 0.2857832908630371 seconds

AKAZE Time: 0.190316915512085 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-03-t10\_01.ppm

Val Image: S404-11-t10\_01.ppm

SIFT Time: 0.2266037464141846 seconds

AKAZE Time: 0.1669445037841797 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-03-t10\_01.ppm

Val Image: S404-04-t10\_01.ppm

SIFT Time: 0.2585573196411133 seconds

AKAZE Time: 0.1193900108337402 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-03-t10\_01.ppm

Val Image: S404-13-t10\_01.ppm

SIFT Time: 0.2534704208374023 seconds

AKAZE Time: 0.1226797103881836 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-03-t10\_01.ppm

Val Image: S404-10-t10\_01.ppm

SIFT Time: 0.237846851348877 seconds

AKAZE Time: 0.121732234954834 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-03-t10\_01.ppm

Val Image: S404-08-t10\_01.ppm

SIFT Time: 0.2403135299682617 seconds

AKAZE Time: 0.1133275032043457 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-12-t10\_01.ppm

Val Image: S404-06-t10\_01.ppm

SIFT Time: 0.2373156547546387 seconds

AKAZE Time: 0.1328833103179932 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-12-t10\_01.ppm

Val Image: S404-07-t10\_01.ppm

SIFT Time: 0.2161967754364014 seconds

AKAZE Time: 0.1283330917358398 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-12-t10\_01.ppm

Val Image: S404-11-t10\_01.ppm

SIFT Time: 0.4124724864959717 seconds

AKAZE Time: 0.2417473793029785 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-12-t10\_01.ppm

Val Image: S404-04-t10\_01.ppm

SIFT Time: 0.2944388389587402 seconds

AKAZE Time: 0.2238500118255615 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-12-t10\_01.ppm

Val Image: S404-13-t10\_01.ppm

SIFT Time: 0.2168538570404053 seconds

AKAZE Time: 0.1264302730560303 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-12-t10\_01.ppm

Val Image: S404-10-t10\_01.ppm

SIFT Time: 0.2658865451812744 seconds

AKAZE Time: 0.1309199333190918 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S404

Train Image: S404-12-t10\_01.ppm

Val Image: S404-08-t10\_01.ppm

SIFT Time: 0.2161831855773926 seconds

AKAZE Time: 0.1334617137908936 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S396

Train Image: S396-04-t10\_01.ppm

Val Image: S396-11-t10\_01.ppm

SIFT Time: 0.2961406707763672 seconds

AKAZE Time: 0.1880784034729004 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S396

Train Image: S396-04-t10\_01.ppm

Val Image: S396-10-t10\_01.ppm

SIFT Time: 0.2313132286071777 seconds

AKAZE Time: 0.1249573230743408 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S396

Train Image: S396-04-t10\_01.ppm

Val Image: S396-01-t10\_01.ppm

SIFT Time: 0.2214438915252686 seconds

AKAZE Time: 0.1224813461303711 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S396

Train Image: S396-04-t10\_01.ppm

Val Image: S396-02-t10\_01.ppm

SIFT Time: 0.3112418651580811 seconds

AKAZE Time: 0.1846535205841064 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S396

Train Image: S396-04-t10\_01.ppm

Val Image: S396-09-t10\_01.ppm

SIFT Time: 0.2846052646636963 seconds

AKAZE Time: 0.1252374649047852 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S396

Train Image: S396-04-t10\_01.ppm

Val Image: S396-05-t10\_01.ppm

SIFT Time: 0.2941186428070068 seconds

AKAZE Time: 0.1322362422943115 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S396

Train Image: S396-04-t10\_01.ppm

Val Image: S396-06-t10\_01.ppm

SIFT Time: 0.2028067111968994 seconds

AKAZE Time: 0.1370208263397217 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S396

Train Image: S396-04-t10\_01.ppm

Val Image: S396-08-t10\_01.ppm

SIFT Time: 0.238593578338623 seconds

AKAZE Time: 0.1893999576568604 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S396

Train Image: S396-07-t10\_01.ppm

Val Image: S396-11-t10\_01.ppm

SIFT Time: 0.2342088222503662 seconds

AKAZE Time: 0.1440134048461914 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S396

Train Image: S396-07-t10\_01.ppm

Val Image: S396-10-t10\_01.ppm

SIFT Time: 0.2393088340759277 seconds

AKAZE Time: 0.1809661388397217 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S396

Train Image: S396-07-t10\_01.ppm

Val Image: S396-01-t10\_01.ppm

SIFT Time: 0.2967545986175537 seconds

AKAZE Time: 0.185528039932251 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S396

Train Image: S396-07-t10\_01.ppm

Val Image: S396-02-t10\_01.ppm

SIFT Time: 0.2930850982666016 seconds

AKAZE Time: 0.2076027393341064 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S396

Train Image: S396-07-t10\_01.ppm

Val Image: S396-09-t10\_01.ppm

SIFT Time: 0.2322890758514404 seconds

AKAZE Time: 0.1415703296661377 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S396

Train Image: S396-07-t10\_01.ppm

Val Image: S396-05-t10\_01.ppm

SIFT Time: 0.3037605285644531 seconds

AKAZE Time: 0.1431751251220703 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S396

Train Image: S396-07-t10\_01.ppm

Val Image: S396-06-t10\_01.ppm

SIFT Time: 0.2291543483734131 seconds

AKAZE Time: 0.1215972900390625 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S396

Train Image: S396-07-t10\_01.ppm

Val Image: S396-08-t10\_01.ppm

SIFT Time: 0.2421703338623047 seconds

AKAZE Time: 0.1297249794006348 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S396

Train Image: S396-03-t10\_01.ppm

Val Image: S396-11-t10\_01.ppm

SIFT Time: 0.4706301689147949 seconds

AKAZE Time: 0.1268353462219238 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S396

Train Image: S396-03-t10\_01.ppm

Val Image: S396-10-t10\_01.ppm

SIFT Time: 0.2474093437194824 seconds

AKAZE Time: 0.1300952434539795 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S396

Train Image: S396-03-t10\_01.ppm

Val Image: S396-01-t10\_01.ppm

SIFT Time: 0.3006453514099121 seconds

AKAZE Time: 0.1927366256713867 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S396

Train Image: S396-03-t10\_01.ppm

Val Image: S396-02-t10\_01.ppm

SIFT Time: 0.2592055797576904 seconds

AKAZE Time: 0.1810011863708496 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S396

Train Image: S396-03-t10\_01.ppm

Val Image: S396-09-t10\_01.ppm

SIFT Time: 0.3344929218292236 seconds

AKAZE Time: 0.2093122005462646 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S396

Train Image: S396-03-t10\_01.ppm

Val Image: S396-05-t10\_01.ppm

SIFT Time: 0.3266618251800537 seconds

AKAZE Time: 0.1336839199066162 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S396

Train Image: S396-03-t10\_01.ppm

Val Image: S396-06-t10\_01.ppm

SIFT Time: 0.2320177555084229 seconds

AKAZE Time: 0.122758150100708 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S396

Train Image: S396-03-t10\_01.ppm

Val Image: S396-08-t10\_01.ppm

SIFT Time: 0.2462372779846191 seconds

AKAZE Time: 0.1468391418457031 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S403

Train Image: S403-04-t10\_01.ppm

Val Image: S403-02-t10\_01.ppm

SIFT Time: 0.2145340442657471 seconds

AKAZE Time: 0.1480286121368408 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S403

Train Image: S403-04-t10\_01.ppm

Val Image: S403-03-t10\_01.ppm

SIFT Time: 0.2151257991790771 seconds

AKAZE Time: 0.126753568649292 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S403

Train Image: S403-01-t10\_01.ppm

Val Image: S403-02-t10\_01.ppm

SIFT Time: 0.2976887226104736 seconds

AKAZE Time: 0.2074286937713623 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S403

Train Image: S403-01-t10\_01.ppm

Val Image: S403-03-t10\_01.ppm

SIFT Time: 0.2999792098999023 seconds

AKAZE Time: 0.2144594192504883 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S405

Train Image: S405-05-t10\_01.ppm

Val Image: S405-03-t10\_01.ppm

SIFT Time: 0.2767016887664795 seconds

AKAZE Time: 0.1336266994476318 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S405

Train Image: S405-05-t10\_01.ppm

Val Image: S405-04-t10\_01.ppm

SIFT Time: 0.2462532520294189 seconds

AKAZE Time: 0.1723711490631104 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S405

Train Image: S405-05-t10\_01.ppm

Val Image: S405-02-t10\_01.ppm

SIFT Time: 0.2563073635101318 seconds

AKAZE Time: 0.1470396518707275 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S405

Train Image: S405-01-t10\_01.ppm

Val Image: S405-03-t10\_01.ppm

SIFT Time: 0.5804119110107422 seconds

AKAZE Time: 0.2165021896362305 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S405

Train Image: S405-01-t10\_01.ppm

Val Image: S405-04-t10\_01.ppm

SIFT Time: 0.4927258491516113 seconds

AKAZE Time: 0.3131973743438721 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S405

Train Image: S405-01-t10\_01.ppm

Val Image: S405-02-t10\_01.ppm

SIFT Time: 0.5989365577697754 seconds

AKAZE Time: 0.2550010681152344 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S405

Train Image: S405-06-t10\_01.ppm

Val Image: S405-03-t10\_01.ppm

SIFT Time: 0.2378370761871338 seconds

AKAZE Time: 0.1398963928222656 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S405

Train Image: S405-06-t10\_01.ppm

Val Image: S405-04-t10\_01.ppm

SIFT Time: 0.2394039630889893 seconds

AKAZE Time: 0.1229856014251709 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S405

Train Image: S405-06-t10\_01.ppm

Val Image: S405-02-t10\_01.ppm

SIFT Time: 0.2385566234588623 seconds

AKAZE Time: 0.1215410232543945 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S405

Train Image: S405-07-t10\_01.ppm

Val Image: S405-03-t10\_01.ppm

SIFT Time: 0.2152628898620605 seconds

AKAZE Time: 0.1789858341217041 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S405

Train Image: S405-07-t10\_01.ppm

Val Image: S405-04-t10\_01.ppm

SIFT Time: 0.2263295650482178 seconds

AKAZE Time: 0.1988892555236816 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S405

Train Image: S405-07-t10\_01.ppm

Val Image: S405-02-t10\_01.ppm

SIFT Time: 0.2158634662628174 seconds

AKAZE Time: 0.1245193481445312 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S399

Train Image: S399-06-t10\_01.ppm

Val Image: S399-05-t10\_01.ppm

SIFT Time: 0.4674663543701172 seconds

AKAZE Time: 0.2102203369140625 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S399

Train Image: S399-06-t10\_01.ppm

Val Image: S399-04-t10\_01.ppm

SIFT Time: 0.3235766887664795 seconds

AKAZE Time: 0.2494277954101562 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S399

Train Image: S399-03-t10\_01.ppm

Val Image: S399-05-t10\_01.ppm

SIFT Time: 0.2339563369750977 seconds

AKAZE Time: 0.1372315883636475 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S399

Train Image: S399-03-t10\_01.ppm

Val Image: S399-04-t10\_01.ppm

SIFT Time: 0.2250208854675293 seconds

AKAZE Time: 0.1282098293304443 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S399

Train Image: S399-01-t10\_01.ppm

Val Image: S399-05-t10\_01.ppm

SIFT Time: 0.2248272895812988 seconds

AKAZE Time: 0.1226098537445068 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S399

Train Image: S399-01-t10\_01.ppm

Val Image: S399-04-t10\_01.ppm

SIFT Time: 0.2375962734222412 seconds

AKAZE Time: 0.1237726211547852 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S399

Train Image: S399-02-t10\_01.ppm

Val Image: S399-05-t10\_01.ppm

SIFT Time: 0.2670910358428955 seconds

AKAZE Time: 0.1343357563018799 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S399

Train Image: S399-02-t10\_01.ppm

Val Image: S399-04-t10\_01.ppm

SIFT Time: 0.2577724456787109 seconds

AKAZE Time: 0.182950496673584 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S415

Train Image: S415-02-t10\_01.ppm

Val Image: S415-05-t10\_01.ppm

SIFT Time: 0.3885421752929688 seconds

AKAZE Time: 0.2356224060058594 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S415

Train Image: S415-02-t10\_01.ppm

Val Image: S415-03-t10\_01.ppm

SIFT Time: 0.243480920791626 seconds

AKAZE Time: 0.1280088424682617 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S415

Train Image: S415-01-t10\_01.ppm

Val Image: S415-05-t10\_01.ppm

SIFT Time: 0.2569890022277832 seconds

AKAZE Time: 0.1268730163574219 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S415

Train Image: S415-01-t10\_01.ppm

Val Image: S415-03-t10\_01.ppm

SIFT Time: 0.2327773571014404 seconds

AKAZE Time: 0.1235597133636475 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S415

Train Image: S415-06-t10\_01.ppm

Val Image: S415-05-t10\_01.ppm

SIFT Time: 0.2274835109710693 seconds

AKAZE Time: 0.1576941013336182 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S415

Train Image: S415-06-t10\_01.ppm

Val Image: S415-03-t10\_01.ppm

SIFT Time: 0.2246570587158203 seconds

AKAZE Time: 0.1518774032592773 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S415

Train Image: S415-07-t10\_01.ppm

Val Image: S415-05-t10\_01.ppm

SIFT Time: 0.3864932060241699 seconds

AKAZE Time: 0.2469720840454102 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S415

Train Image: S415-07-t10\_01.ppm

Val Image: S415-03-t10\_01.ppm

SIFT Time: 0.3339943885803223 seconds

AKAZE Time: 0.2565758228302002 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S415

Train Image: S415-04-t10\_01.ppm

Val Image: S415-05-t10\_01.ppm

SIFT Time: 0.2313926219940186 seconds

AKAZE Time: 0.1489665508270264 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S415

Train Image: S415-04-t10\_01.ppm

Val Image: S415-03-t10\_01.ppm

SIFT Time: 0.2434053421020508 seconds

AKAZE Time: 0.1365458965301514 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S411

Train Image: S411-03-t10\_01.ppm

Val Image: S411-06-t10\_01.ppm

SIFT Time: 0.2950835227966309 seconds

AKAZE Time: 0.1352441310882568 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S411

Train Image: S411-03-t10\_01.ppm

Val Image: S411-01-t10\_01.ppm

SIFT Time: 0.2393510341644287 seconds

AKAZE Time: 0.1196572780609131 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S411

Train Image: S411-03-t10\_01.ppm

Val Image: S411-06-t10\_02.ppm

SIFT Time: 0.2234551906585693 seconds

AKAZE Time: 0.125415563583374 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S411

Train Image: S411-03-t10\_01.ppm

Val Image: S411-02-t10\_01.ppm

SIFT Time: 0.2750685214996338 seconds

AKAZE Time: 0.216381311416626 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S411

Train Image: S411-03-t10\_01.ppm

Val Image: S411-04-t10\_01.ppm

SIFT Time: 0.2986326217651367 seconds

AKAZE Time: 0.1869583129882812 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S411

Train Image: S411-05-t10\_01.ppm

Val Image: S411-06-t10\_01.ppm

SIFT Time: 0.244525671005249 seconds

AKAZE Time: 0.1225614547729492 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S411

Train Image: S411-05-t10\_01.ppm

Val Image: S411-01-t10\_01.ppm

SIFT Time: 0.2164621353149414 seconds

AKAZE Time: 0.1218702793121338 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S411

Train Image: S411-05-t10\_01.ppm

Val Image: S411-06-t10\_02.ppm

SIFT Time: 0.2388200759887695 seconds

AKAZE Time: 0.1239347457885742 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S411

Train Image: S411-05-t10\_01.ppm

Val Image: S411-02-t10\_01.ppm

SIFT Time: 0.2268781661987305 seconds

AKAZE Time: 0.1233851909637451 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S411

Train Image: S411-05-t10\_01.ppm

Val Image: S411-04-t10\_01.ppm

SIFT Time: 0.207115650177002 seconds

AKAZE Time: 0.1311955451965332 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S411

Train Image: S411-06-t10\_03.ppm

Val Image: S411-06-t10\_01.ppm

SIFT Time: 0.2312242984771729 seconds

AKAZE Time: 0.1221106052398682 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S411

Train Image: S411-06-t10\_03.ppm

Val Image: S411-01-t10\_01.ppm

SIFT Time: 0.3095912933349609 seconds

AKAZE Time: 0.2054815292358398 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S411

Train Image: S411-06-t10\_03.ppm

Val Image: S411-06-t10\_02.ppm

SIFT Time: 0.2870421409606934 seconds

AKAZE Time: 0.1900503635406494 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S411

Train Image: S411-06-t10\_03.ppm

Val Image: S411-02-t10\_01.ppm

SIFT Time: 0.2746150493621826 seconds

AKAZE Time: 0.1792333126068115 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S411

Train Image: S411-06-t10\_03.ppm

Val Image: S411-04-t10\_01.ppm

SIFT Time: 0.264453649520874 seconds

AKAZE Time: 0.1934487819671631 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S406

Train Image: S406-02-t10\_01.ppm

Val Image: S406-01-t10\_01.ppm

SIFT Time: 0.2685549259185791 seconds

AKAZE Time: 0.1386611461639404 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S407

Train Image: S407-03-t10\_02.ppm

Val Image: S407-03-t10\_01.ppm

SIFT Time: 0.3353912830352783 seconds

AKAZE Time: 0.1390447616577148 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S407

Train Image: S407-03-t10\_02.ppm

Val Image: S407-02-t10\_01.ppm

SIFT Time: 0.2488710880279541 seconds

AKAZE Time: 0.1465873718261719 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S407

Train Image: S407-03-t10\_02.ppm

Val Image: S407-03-t10\_03.ppm

SIFT Time: 0.5650415420532227 seconds

AKAZE Time: 0.3050460815429688 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S407

Train Image: S407-03-t10\_02.ppm

Val Image: S407-01-t10\_01.ppm

SIFT Time: 0.3880424499511719 seconds

AKAZE Time: 0.2213335037231445 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-09-t10\_01.ppm

Val Image: S409-02-t10\_01.ppm

SIFT Time: 0.2975888252258301 seconds

AKAZE Time: 0.1259729862213135 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-09-t10\_01.ppm

Val Image: S409-11-t10\_01.ppm

SIFT Time: 0.25118088722229 seconds

AKAZE Time: 0.1422033309936523 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-09-t10\_01.ppm

Val Image: S409-01-t10\_01.ppm

SIFT Time: 0.254136323928833 seconds

AKAZE Time: 0.1245636940002441 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-09-t10\_01.ppm

Val Image: S409-10-t10\_01.ppm

SIFT Time: 0.3183934688568115 seconds

AKAZE Time: 0.1504731178283691 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-09-t10\_01.ppm

Val Image: S409-03-t10\_01.ppm

SIFT Time: 0.3449292182922363 seconds

AKAZE Time: 0.1718063354492188 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-09-t10\_01.ppm

Val Image: S409-04-t10\_01.ppm

SIFT Time: 0.3339066505432129 seconds

AKAZE Time: 0.2085404396057129 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-06-t10\_01.ppm

Val Image: S409-02-t10\_01.ppm

SIFT Time: 0.2150444984436035 seconds

AKAZE Time: 0.1416926383972168 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-06-t10\_01.ppm

Val Image: S409-11-t10\_01.ppm

SIFT Time: 0.213162899017334 seconds

AKAZE Time: 0.12294602394104 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-06-t10\_01.ppm

Val Image: S409-01-t10\_01.ppm

SIFT Time: 0.2020199298858643 seconds

AKAZE Time: 0.1207008361816406 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-06-t10\_01.ppm

Val Image: S409-10-t10\_01.ppm

SIFT Time: 0.2370479106903076 seconds

AKAZE Time: 0.1254806518554688 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-06-t10\_01.ppm

Val Image: S409-03-t10\_01.ppm

SIFT Time: 0.2104358673095703 seconds

AKAZE Time: 0.1236536502838135 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-06-t10\_01.ppm

Val Image: S409-04-t10\_01.ppm

SIFT Time: 0.2089295387268066 seconds

AKAZE Time: 0.1551153659820557 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-07-t10\_01.ppm

Val Image: S409-02-t10\_01.ppm

SIFT Time: 0.3121984004974365 seconds

AKAZE Time: 0.2497060298919678 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-07-t10\_01.ppm

Val Image: S409-11-t10\_01.ppm

SIFT Time: 0.2958047389984131 seconds

AKAZE Time: 0.2230541706085205 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-07-t10\_01.ppm

Val Image: S409-01-t10\_01.ppm

SIFT Time: 0.3632321357727051 seconds

AKAZE Time: 0.2296350002288818 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-07-t10\_01.ppm

Val Image: S409-10-t10\_01.ppm

SIFT Time: 0.2308261394500732 seconds

AKAZE Time: 0.1333534717559814 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-07-t10\_01.ppm

Val Image: S409-03-t10\_01.ppm

SIFT Time: 0.2123439311981201 seconds

AKAZE Time: 0.1453061103820801 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-07-t10\_01.ppm

Val Image: S409-04-t10\_01.ppm

SIFT Time: 0.237546443939209 seconds

AKAZE Time: 0.1259737014770508 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-05-t10\_01.ppm

Val Image: S409-02-t10\_01.ppm

SIFT Time: 0.2466673851013184 seconds

AKAZE Time: 0.1226463317871094 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-05-t10\_01.ppm

Val Image: S409-11-t10\_01.ppm

SIFT Time: 0.2461714744567871 seconds

AKAZE Time: 0.1240060329437256 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-05-t10\_01.ppm

Val Image: S409-01-t10\_01.ppm

SIFT Time: 0.2452323436737061 seconds

AKAZE Time: 0.1222031116485596 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-05-t10\_01.ppm

Val Image: S409-10-t10\_01.ppm

SIFT Time: 0.3858788013458252 seconds

AKAZE Time: 0.2495293617248535 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-05-t10\_01.ppm

Val Image: S409-03-t10\_01.ppm

SIFT Time: 0.2874143123626709 seconds

AKAZE Time: 0.2142906188964844 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-05-t10\_01.ppm

Val Image: S409-04-t10\_01.ppm

SIFT Time: 0.2843482494354248 seconds

AKAZE Time: 0.205930233001709 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-08-t10\_01.ppm

Val Image: S409-02-t10\_01.ppm

SIFT Time: 0.2431948184967041 seconds

AKAZE Time: 0.1272029876708984 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-08-t10\_01.ppm

Val Image: S409-11-t10\_01.ppm

SIFT Time: 0.2448830604553223 seconds

AKAZE Time: 0.1609330177307129 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-08-t10\_01.ppm

Val Image: S409-01-t10\_01.ppm

SIFT Time: 0.2566838264465332 seconds

AKAZE Time: 0.1300349235534668 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-08-t10\_01.ppm

Val Image: S409-10-t10\_01.ppm

SIFT Time: 0.2884485721588135 seconds

AKAZE Time: 0.137657642364502 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-08-t10\_01.ppm

Val Image: S409-03-t10\_01.ppm

SIFT Time: 0.2365987300872803 seconds

AKAZE Time: 0.1274228096008301 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S409

Train Image: S409-08-t10\_01.ppm

Val Image: S409-04-t10\_01.ppm

SIFT Time: 0.282357931137085 seconds

AKAZE Time: 0.128941535949707 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-01-t10\_01.ppm

Val Image: S414-10-t10\_01.ppm

SIFT Time: 0.3636441230773926 seconds

AKAZE Time: 0.2008228302001953 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-01-t10\_01.ppm

Val Image: S414-02-t10\_01.ppm

SIFT Time: 0.2584943771362305 seconds

AKAZE Time: 0.1645402908325195 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-01-t10\_01.ppm

Val Image: S414-03-t10\_01.ppm

SIFT Time: 0.2469263076782227 seconds

AKAZE Time: 0.1219413280487061 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-01-t10\_01.ppm

Val Image: S414-08-t10\_01.ppm

SIFT Time: 0.2403683662414551 seconds

AKAZE Time: 0.121788501739502 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-01-t10\_01.ppm

Val Image: S414-09-t10\_01.ppm

SIFT Time: 0.2459707260131836 seconds

AKAZE Time: 0.1184959411621094 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-01-t10\_01.ppm

Val Image: S414-04-t10\_01.ppm

SIFT Time: 0.2569277286529541 seconds

AKAZE Time: 0.1459834575653076 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-01-t10\_01.ppm

Val Image: S414-06-t10\_01.ppm

SIFT Time: 0.3125877380371094 seconds

AKAZE Time: 0.1984641551971436 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-05-t10\_01.ppm

Val Image: S414-10-t10\_01.ppm

SIFT Time: 0.3357431888580322 seconds

AKAZE Time: 0.3559195995330811 seconds

Fastest Method: SIFT (SIFT lebih cepat)

Folder: S414

Train Image: S414-05-t10\_01.ppm

Val Image: S414-02-t10\_01.ppm

SIFT Time: 0.2427327632904053 seconds

AKAZE Time: 0.118621826171875 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-05-t10\_01.ppm

Val Image: S414-03-t10\_01.ppm

SIFT Time: 0.230567455291748 seconds

AKAZE Time: 0.1185898780822754 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-05-t10\_01.ppm

Val Image: S414-08-t10\_01.ppm

SIFT Time: 0.2390856742858887 seconds

AKAZE Time: 0.1269228458404541 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-05-t10\_01.ppm

Val Image: S414-09-t10\_01.ppm

SIFT Time: 0.2118611335754395 seconds

AKAZE Time: 0.130742073059082 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-05-t10\_01.ppm

Val Image: S414-04-t10\_01.ppm

SIFT Time: 0.2413110733032227 seconds

AKAZE Time: 0.1181578636169434 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-05-t10\_01.ppm

Val Image: S414-06-t10\_01.ppm

SIFT Time: 0.2309756278991699 seconds

AKAZE Time: 0.1212313175201416 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-07-t10\_01.ppm

Val Image: S414-10-t10\_01.ppm

SIFT Time: 0.2695538997650146 seconds

AKAZE Time: 0.1942489147186279 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-07-t10\_01.ppm

Val Image: S414-02-t10\_01.ppm

SIFT Time: 0.3200991153717041 seconds

AKAZE Time: 0.1581230163574219 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-07-t10\_01.ppm

Val Image: S414-03-t10\_01.ppm

SIFT Time: 0.2652955055236816 seconds

AKAZE Time: 0.2224130630493164 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-07-t10\_01.ppm

Val Image: S414-08-t10\_01.ppm

SIFT Time: 0.2218492031097412 seconds

AKAZE Time: 0.1145954132080078 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-07-t10\_01.ppm

Val Image: S414-09-t10\_01.ppm

SIFT Time: 0.236191987991333 seconds

AKAZE Time: 0.1755080223083496 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-07-t10\_01.ppm

Val Image: S414-04-t10\_01.ppm

SIFT Time: 0.2581250667572021 seconds

AKAZE Time: 0.1212170124053955 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-07-t10\_01.ppm

Val Image: S414-06-t10\_01.ppm

SIFT Time: 0.2272348403930664 seconds

AKAZE Time: 0.1190731525421143 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-11-t10\_01.ppm

Val Image: S414-10-t10\_01.ppm

SIFT Time: 0.2300148010253906 seconds

AKAZE Time: 0.1276786327362061 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-11-t10\_01.ppm

Val Image: S414-02-t10\_01.ppm

SIFT Time: 0.2514560222625732 seconds

AKAZE Time: 0.1236298084259033 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-11-t10\_01.ppm

Val Image: S414-03-t10\_01.ppm

SIFT Time: 0.2694885730743408 seconds

AKAZE Time: 0.1935949325561523 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-11-t10\_01.ppm

Val Image: S414-08-t10\_01.ppm

SIFT Time: 0.4197490215301514 seconds

AKAZE Time: 0.2457869052886963 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-11-t10\_01.ppm

Val Image: S414-09-t10\_01.ppm

SIFT Time: 0.3085892200469971 seconds

AKAZE Time: 0.2510476112365723 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-11-t10\_01.ppm

Val Image: S414-04-t10\_01.ppm

SIFT Time: 0.4048128128051758 seconds

AKAZE Time: 0.3265225887298584 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S414

Train Image: S414-11-t10\_01.ppm

Val Image: S414-06-t10\_01.ppm

SIFT Time: 0.2425189018249512 seconds

AKAZE Time: 0.1449406147003174 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S408

Train Image: S408-02-t10\_01.ppm

Val Image: S408-01-t10\_01.ppm

SIFT Time: 0.2830188274383545 seconds

AKAZE Time: 0.2318196296691895 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S412

Train Image: S412-02-t10\_01.ppm

Val Image: S412-01-t10\_01.ppm

SIFT Time: 0.2043912410736084 seconds

AKAZE Time: 0.1397631168365479 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S412

Train Image: S412-03-t10\_01.ppm

Val Image: S412-01-t10\_01.ppm

SIFT Time: 0.2150120735168457 seconds

AKAZE Time: 0.1235177516937256 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S413

Train Image: S413-06-t10\_01.ppm

Val Image: S413-01-t10\_01.ppm

SIFT Time: 0.280123233795166 seconds

AKAZE Time: 0.2052431106567383 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S413

Train Image: S413-06-t10\_01.ppm

Val Image: S413-02-t10\_01.ppm

SIFT Time: 0.3858327865600586 seconds

AKAZE Time: 0.1653809547424316 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S413

Train Image: S413-06-t10\_01.ppm

Val Image: S413-03-t10\_01.ppm

SIFT Time: 0.2664358615875244 seconds

AKAZE Time: 0.1298110485076904 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S413

Train Image: S413-06-t10\_01.ppm

Val Image: S413-09-t10\_01.ppm

SIFT Time: 0.2793941497802734 seconds

AKAZE Time: 0.1266188621520996 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S413

Train Image: S413-07-t10\_01.ppm

Val Image: S413-01-t10\_01.ppm

SIFT Time: 0.246706485748291 seconds

AKAZE Time: 0.1243820190429688 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S413

Train Image: S413-07-t10\_01.ppm

Val Image: S413-02-t10\_01.ppm

SIFT Time: 0.2390837669372559 seconds

AKAZE Time: 0.1277892589569092 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S413

Train Image: S413-07-t10\_01.ppm

Val Image: S413-03-t10\_01.ppm

SIFT Time: 0.2503061294555664 seconds

AKAZE Time: 0.120858907699585 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S413

Train Image: S413-07-t10\_01.ppm

Val Image: S413-09-t10\_01.ppm

SIFT Time: 0.2474472522735596 seconds

AKAZE Time: 0.1251327991485596 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S413

Train Image: S413-08-t10\_01.ppm

Val Image: S413-01-t10\_01.ppm

SIFT Time: 0.2678501605987549 seconds

AKAZE Time: 0.1976206302642822 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S413

Train Image: S413-08-t10\_01.ppm

Val Image: S413-02-t10\_01.ppm

SIFT Time: 0.3096940517425537 seconds

AKAZE Time: 0.283421516418457 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S413

Train Image: S413-08-t10\_01.ppm

Val Image: S413-03-t10\_01.ppm

SIFT Time: 0.2401654720306396 seconds

AKAZE Time: 0.1267938613891602 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S413

Train Image: S413-08-t10\_01.ppm

Val Image: S413-09-t10\_01.ppm

SIFT Time: 0.2563154697418213 seconds

AKAZE Time: 0.1195151805877686 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S413

Train Image: S413-10-t10\_01.ppm

Val Image: S413-01-t10\_01.ppm

SIFT Time: 0.2579607963562012 seconds

AKAZE Time: 0.1215784549713135 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S413

Train Image: S413-10-t10\_01.ppm

Val Image: S413-02-t10\_01.ppm

SIFT Time: 0.2484104633331299 seconds

AKAZE Time: 0.12939453125 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S413

Train Image: S413-10-t10\_01.ppm

Val Image: S413-03-t10\_01.ppm

SIFT Time: 0.2431309223175049 seconds

AKAZE Time: 0.1798679828643799 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S413

Train Image: S413-10-t10\_01.ppm

Val Image: S413-09-t10\_01.ppm

SIFT Time: 0.2350509166717529 seconds

AKAZE Time: 0.125697135925293 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S413

Train Image: S413-05-t10\_01.ppm

Val Image: S413-01-t10\_01.ppm

SIFT Time: 0.2562887668609619 seconds

AKAZE Time: 0.1931285858154297 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S413

Train Image: S413-05-t10\_01.ppm

Val Image: S413-02-t10\_01.ppm

SIFT Time: 0.4298274517059326 seconds

AKAZE Time: 0.2060263156890869 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S413

Train Image: S413-05-t10\_01.ppm

Val Image: S413-03-t10\_01.ppm

SIFT Time: 0.2327682971954346 seconds

AKAZE Time: 0.1257524490356445 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S413

Train Image: S413-05-t10\_01.ppm

Val Image: S413-09-t10\_01.ppm

SIFT Time: 0.2343194484710693 seconds

AKAZE Time: 0.1209647655487061 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S413

Train Image: S413-04-t10\_01.ppm

Val Image: S413-01-t10\_01.ppm

SIFT Time: 0.2297983169555664 seconds

AKAZE Time: 0.1226625442504883 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S413

Train Image: S413-04-t10\_01.ppm

Val Image: S413-02-t10\_01.ppm

SIFT Time: 0.2058799266815186 seconds

AKAZE Time: 0.1385567188262939 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S413

Train Image: S413-04-t10\_01.ppm

Val Image: S413-03-t10\_01.ppm

SIFT Time: 0.2148692607879639 seconds

AKAZE Time: 0.161308765411377 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S413

Train Image: S413-04-t10\_01.ppm

Val Image: S413-09-t10\_01.ppm

SIFT Time: 0.2041256427764893 seconds

AKAZE Time: 0.1308834552764893 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S416

Train Image: S416-01-t10\_01.ppm

Val Image: S416-02-t10\_01.ppm

SIFT Time: 0.3858363628387451 seconds

AKAZE Time: 0.200963020324707 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S427

Train Image: S427-02-t10\_01.ppm

Val Image: S427-01-t10\_01.ppm

SIFT Time: 0.2301077842712402 seconds

AKAZE Time: 0.1270227432250977 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S427

Train Image: S427-02-t10\_01.ppm

Val Image: S427-04-t10\_01.ppm

SIFT Time: 0.2484309673309326 seconds

AKAZE Time: 0.1321156024932861 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S427

Train Image: S427-02-t10\_01.ppm

Val Image: S427-03-t10\_01.ppm

SIFT Time: 0.2447857856750488 seconds

AKAZE Time: 0.12925124168396 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S426

Train Image: S426-01-t10\_01.ppm

Val Image: S426-02-t10\_01.ppm

SIFT Time: 0.1506803035736084 seconds

AKAZE Time: 0.1075332164764404 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S426

Train Image: S426-01-t10\_01.ppm

Val Image: S426-02-t10\_02.ppm

SIFT Time: 0.1774985790252686 seconds

AKAZE Time: 0.08861088752746582 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S426

Train Image: S426-01-t10\_01.ppm

Val Image: S426-01-t10\_02.ppm

SIFT Time: 0.1901347637176514 seconds

AKAZE Time: 0.09815692901611328 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S421

Train Image: S421-02-t10\_01.ppm

Val Image: S421-01-t10\_01.ppm

SIFT Time: 0.1666982173919678 seconds

AKAZE Time: 0.1482110023498535 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S417

Train Image: S417-03-t10\_01.ppm

Val Image: S417-02-t10\_01.ppm

SIFT Time: 0.2072563171386719 seconds

AKAZE Time: 0.1069636344909668 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S417

Train Image: S417-03-t10\_01.ppm

Val Image: S417-08-t10\_01.ppm

SIFT Time: 0.1507923603057861 seconds

AKAZE Time: 0.08622956275939941 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S417

Train Image: S417-03-t10\_01.ppm

Val Image: S417-01-t10\_01.ppm

SIFT Time: 0.1783809661865234 seconds

AKAZE Time: 0.1079583168029785 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S417

Train Image: S417-03-t10\_01.ppm

Val Image: S417-07-t10\_01.ppm

SIFT Time: 0.1410138607025146 seconds

AKAZE Time: 0.1160705089569092 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S417

Train Image: S417-04-t10\_01.ppm

Val Image: S417-02-t10\_01.ppm

SIFT Time: 0.1843504905700684 seconds

AKAZE Time: 0.1065833568572998 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S417

Train Image: S417-04-t10\_01.ppm

Val Image: S417-08-t10\_01.ppm

SIFT Time: 0.1540684700012207 seconds

AKAZE Time: 0.0870361328125 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S417

Train Image: S417-04-t10\_01.ppm

Val Image: S417-01-t10\_01.ppm

SIFT Time: 0.2765638828277588 seconds

AKAZE Time: 0.1724560260772705 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S417

Train Image: S417-04-t10\_01.ppm

Val Image: S417-07-t10\_01.ppm

SIFT Time: 0.2948250770568848 seconds

AKAZE Time: 0.1646332740783691 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S417

Train Image: S417-06-t10\_01.ppm

Val Image: S417-02-t10\_01.ppm

SIFT Time: 0.2882187366485596 seconds

AKAZE Time: 0.1833498477935791 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S417

Train Image: S417-06-t10\_01.ppm

Val Image: S417-08-t10\_01.ppm

SIFT Time: 0.1534910202026367 seconds

AKAZE Time: 0.08459353446960449 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S417

Train Image: S417-06-t10\_01.ppm

Val Image: S417-01-t10\_01.ppm

SIFT Time: 0.1861093044281006 seconds

AKAZE Time: 0.1076560020446777 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S417

Train Image: S417-06-t10\_01.ppm

Val Image: S417-07-t10\_01.ppm

SIFT Time: 0.1273300647735596 seconds

AKAZE Time: 0.08179140090942383 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S417

Train Image: S417-05-t10\_01.ppm

Val Image: S417-02-t10\_01.ppm

SIFT Time: 0.2130975723266602 seconds

AKAZE Time: 0.1083917617797852 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S417

Train Image: S417-05-t10\_01.ppm

Val Image: S417-08-t10\_01.ppm

SIFT Time: 0.1727151870727539 seconds

AKAZE Time: 0.09069705009460449 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S417

Train Image: S417-05-t10\_01.ppm

Val Image: S417-01-t10\_01.ppm

SIFT Time: 0.1935510635375977 seconds

AKAZE Time: 0.1485183238983154 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S417

Train Image: S417-05-t10\_01.ppm

Val Image: S417-07-t10\_01.ppm

SIFT Time: 0.1376056671142578 seconds

AKAZE Time: 0.1067688465118408 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S418

Train Image: S418-01-t10\_01.ppm

Val Image: S418-02-t10\_01.ppm

SIFT Time: 0.2585301399230957 seconds

AKAZE Time: 0.1998257637023926 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S418

Train Image: S418-03-t10\_01.ppm

Val Image: S418-02-t10\_01.ppm

SIFT Time: 0.2816812992095947 seconds

AKAZE Time: 0.2215063571929932 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S425

Train Image: S425-03-t10\_01.ppm

Val Image: S425-05-t10\_01.ppm

SIFT Time: 0.2162723541259766 seconds

AKAZE Time: 0.1611199378967285 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S425

Train Image: S425-03-t10\_01.ppm

Val Image: S425-06-t10\_01.ppm

SIFT Time: 0.2146008014678955 seconds

AKAZE Time: 0.1452791690826416 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S425

Train Image: S425-03-t10\_01.ppm

Val Image: S425-02-t10\_01.ppm

SIFT Time: 0.1985642910003662 seconds

AKAZE Time: 0.150090217590332 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S425

Train Image: S425-03-t10\_01.ppm

Val Image: S425-07-t10\_01.ppm

SIFT Time: 0.1991336345672607 seconds

AKAZE Time: 0.1255810260772705 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S425

Train Image: S425-03-t10\_01.ppm

Val Image: S425-01-t10\_01.ppm

SIFT Time: 0.255929708480835 seconds

AKAZE Time: 0.2023236751556396 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S425

Train Image: S425-08-t10\_01.ppm

Val Image: S425-05-t10\_01.ppm

SIFT Time: 0.319697380065918 seconds

AKAZE Time: 0.2174644470214844 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S425

Train Image: S425-08-t10\_01.ppm

Val Image: S425-06-t10\_01.ppm

SIFT Time: 0.2937281131744385 seconds

AKAZE Time: 0.1213209629058838 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S425

Train Image: S425-08-t10\_01.ppm

Val Image: S425-02-t10\_01.ppm

SIFT Time: 0.2154202461242676 seconds

AKAZE Time: 0.142552375793457 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S425

Train Image: S425-08-t10\_01.ppm

Val Image: S425-07-t10\_01.ppm

SIFT Time: 0.226001501083374 seconds

AKAZE Time: 0.1238911151885986 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S425

Train Image: S425-08-t10\_01.ppm

Val Image: S425-01-t10\_01.ppm

SIFT Time: 0.1992828845977783 seconds

AKAZE Time: 0.1446774005889893 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S425

Train Image: S425-04-t10\_01.ppm

Val Image: S425-05-t10\_01.ppm

SIFT Time: 0.2338831424713135 seconds

AKAZE Time: 0.132627010345459 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S425

Train Image: S425-04-t10\_01.ppm

Val Image: S425-06-t10\_01.ppm

SIFT Time: 0.2181007862091064 seconds

AKAZE Time: 0.1544313430786133 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S425

Train Image: S425-04-t10\_01.ppm

Val Image: S425-02-t10\_01.ppm

SIFT Time: 0.2259218692779541 seconds

AKAZE Time: 0.123823881149292 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S425

Train Image: S425-04-t10\_01.ppm

Val Image: S425-07-t10\_01.ppm

SIFT Time: 0.390186071395874 seconds

AKAZE Time: 0.1879100799560547 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S425

Train Image: S425-04-t10\_01.ppm

Val Image: S425-01-t10\_01.ppm

SIFT Time: 0.3606867790222168 seconds

AKAZE Time: 0.2399957180023193 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S422

Train Image: S422-04-t10\_01.ppm

Val Image: S422-03-t10\_01.ppm

SIFT Time: 0.2347033023834229 seconds

AKAZE Time: 0.1645045280456543 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S422

Train Image: S422-01-t10\_01.ppm

Val Image: S422-03-t10\_01.ppm

SIFT Time: 0.2548172473907471 seconds

AKAZE Time: 0.1737148761749268 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S422

Train Image: S422-02-t10\_01.ppm

Val Image: S422-03-t10\_01.ppm

SIFT Time: 0.2820038795471191 seconds

AKAZE Time: 0.1476662158966064 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S419

Train Image: S419-09-t10\_01.ppm

Val Image: S419-08-t10\_01.ppm

SIFT Time: 0.2117886543273926 seconds

AKAZE Time: 0.1521635055541992 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S419

Train Image: S419-09-t10\_01.ppm

Val Image: S419-02-t10\_01.ppm

SIFT Time: 0.2714042663574219 seconds

AKAZE Time: 0.2288885116577148 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S419

Train Image: S419-09-t10\_01.ppm

Val Image: S419-05-t10\_01.ppm

SIFT Time: 0.2357678413391113 seconds

AKAZE Time: 0.125011682510376 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S419

Train Image: S419-09-t10\_01.ppm

Val Image: S419-01-t10\_01.ppm

SIFT Time: 0.2162914276123047 seconds

AKAZE Time: 0.1232554912567139 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S419

Train Image: S419-06-t10\_01.ppm

Val Image: S419-08-t10\_01.ppm

SIFT Time: 0.218280553817749 seconds

AKAZE Time: 0.1248059272766113 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S419

Train Image: S419-06-t10\_01.ppm

Val Image: S419-02-t10\_01.ppm

SIFT Time: 0.1939535140991211 seconds

AKAZE Time: 0.1240968704223633 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S419

Train Image: S419-06-t10\_01.ppm

Val Image: S419-05-t10\_01.ppm

SIFT Time: 0.20100998878479 seconds

AKAZE Time: 0.1236946582794189 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S419

Train Image: S419-06-t10\_01.ppm

Val Image: S419-01-t10\_01.ppm

SIFT Time: 0.201061487197876 seconds

AKAZE Time: 0.122678279876709 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S419

Train Image: S419-03-t10\_01.ppm

Val Image: S419-08-t10\_01.ppm

SIFT Time: 0.266010046005249 seconds

AKAZE Time: 0.1924765110015869 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S419

Train Image: S419-03-t10\_01.ppm

Val Image: S419-02-t10\_01.ppm

SIFT Time: 0.2930595874786377 seconds

AKAZE Time: 0.1451671123504639 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S419

Train Image: S419-03-t10\_01.ppm

Val Image: S419-05-t10\_01.ppm

SIFT Time: 0.2735249996185303 seconds

AKAZE Time: 0.2263765335083008 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S419

Train Image: S419-03-t10\_01.ppm

Val Image: S419-01-t10\_01.ppm

SIFT Time: 0.2131259441375732 seconds

AKAZE Time: 0.1199588775634766 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S419

Train Image: S419-10-t10\_01.ppm

Val Image: S419-08-t10\_01.ppm

SIFT Time: 0.1999387741088867 seconds

AKAZE Time: 0.1258456707000732 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S419

Train Image: S419-10-t10\_01.ppm

Val Image: S419-02-t10\_01.ppm

SIFT Time: 0.2068691253662109 seconds

AKAZE Time: 0.1322777271270752 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S419

Train Image: S419-10-t10\_01.ppm

Val Image: S419-05-t10\_01.ppm

SIFT Time: 0.2012844085693359 seconds

AKAZE Time: 0.1241695880889893 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S419

Train Image: S419-10-t10\_01.ppm

Val Image: S419-01-t10\_01.ppm

SIFT Time: 0.2126338481903076 seconds

AKAZE Time: 0.1249523162841797 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S419

Train Image: S419-07-t10\_01.ppm

Val Image: S419-08-t10\_01.ppm

SIFT Time: 0.2062795162200928 seconds

AKAZE Time: 0.1263933181762695 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S419

Train Image: S419-07-t10\_01.ppm

Val Image: S419-02-t10\_01.ppm

SIFT Time: 0.1997568607330322 seconds

AKAZE Time: 0.1935575008392334 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S419

Train Image: S419-07-t10\_01.ppm

Val Image: S419-05-t10\_01.ppm

SIFT Time: 0.3155088424682617 seconds

AKAZE Time: 0.2027485370635986 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S419

Train Image: S419-07-t10\_01.ppm

Val Image: S419-01-t10\_01.ppm

SIFT Time: 0.3700995445251465 seconds

AKAZE Time: 0.229149341583252 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S419

Train Image: S419-04-t10\_01.ppm

Val Image: S419-08-t10\_01.ppm

SIFT Time: 0.2271881103515625 seconds

AKAZE Time: 0.1300427913665771 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S419

Train Image: S419-04-t10\_01.ppm

Val Image: S419-02-t10\_01.ppm

SIFT Time: 0.2439179420471191 seconds

AKAZE Time: 0.1326816082000732 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S419

Train Image: S419-04-t10\_01.ppm

Val Image: S419-05-t10\_01.ppm

SIFT Time: 0.2314579486846924 seconds

AKAZE Time: 0.1747736930847168 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S419

Train Image: S419-04-t10\_01.ppm

Val Image: S419-01-t10\_01.ppm

SIFT Time: 0.2545363903045654 seconds

AKAZE Time: 0.1264445781707764 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S420

Train Image: S420-03-t10\_01.ppm

Val Image: S420-04-t10\_01.ppm

SIFT Time: 0.2782323360443115 seconds

AKAZE Time: 0.127474308013916 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S420

Train Image: S420-03-t10\_01.ppm

Val Image: S420-02-t10\_01.ppm

SIFT Time: 0.3560183048248291 seconds

AKAZE Time: 0.2077054977416992 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S420

Train Image: S420-01-t10\_01.ppm

Val Image: S420-04-t10\_01.ppm

SIFT Time: 0.4005417823791504 seconds

AKAZE Time: 0.2392416000366211 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S420

Train Image: S420-01-t10\_01.ppm

Val Image: S420-02-t10\_01.ppm

SIFT Time: 0.3448286056518555 seconds

AKAZE Time: 0.2258598804473877 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S420

Train Image: S420-06-t10\_01.ppm

Val Image: S420-04-t10\_01.ppm

SIFT Time: 0.3011772632598877 seconds

AKAZE Time: 0.2295095920562744 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S420

Train Image: S420-06-t10\_01.ppm

Val Image: S420-02-t10\_01.ppm

SIFT Time: 0.1970083713531494 seconds

AKAZE Time: 0.1249492168426514 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S420

Train Image: S420-05-t10\_01.ppm

Val Image: S420-04-t10\_01.ppm

SIFT Time: 0.206028938293457 seconds

AKAZE Time: 0.1343603134155273 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S420

Train Image: S420-05-t10\_01.ppm

Val Image: S420-02-t10\_01.ppm

SIFT Time: 0.199906587600708 seconds

AKAZE Time: 0.1336088180541992 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S423

Train Image: S423-02-t10\_01.ppm

Val Image: S423-01-t10\_01.ppm

SIFT Time: 0.2408814430236816 seconds

AKAZE Time: 0.126594066619873 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S423

Train Image: S423-02-t10\_01.ppm

Val Image: S423-03-t10\_01.ppm

SIFT Time: 0.3278453350067139 seconds

AKAZE Time: 0.2276291847229004 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S423

Train Image: S423-04-t10\_01.ppm

Val Image: S423-01-t10\_01.ppm

SIFT Time: 0.3437724113464355 seconds

AKAZE Time: 0.2255659103393555 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S423

Train Image: S423-04-t10\_01.ppm

Val Image: S423-03-t10\_01.ppm

SIFT Time: 0.2379567623138428 seconds

AKAZE Time: 0.1241154670715332 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S428

Train Image: S428-05-t10\_01.ppm

Val Image: S428-02-t10\_01.ppm

SIFT Time: 0.1996309757232666 seconds

AKAZE Time: 0.1203768253326416 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S428

Train Image: S428-05-t10\_01.ppm

Val Image: S428-01-t10\_01.ppm

SIFT Time: 0.1974806785583496 seconds

AKAZE Time: 0.1214213371276855 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S428

Train Image: S428-05-t10\_01.ppm

Val Image: S428-07-t10\_01.ppm

SIFT Time: 0.2029435634613037 seconds

AKAZE Time: 0.1216926574707031 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S428

Train Image: S428-05-t10\_01.ppm

Val Image: S428-04-t10\_01.ppm

SIFT Time: 0.1991760730743408 seconds

AKAZE Time: 0.1343212127685547 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S428

Train Image: S428-05-t10\_01.ppm

Val Image: S428-06-t10\_01.ppm

SIFT Time: 0.3079631328582764 seconds

AKAZE Time: 0.1969680786132812 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S428

Train Image: S428-05-t10\_01.ppm

Val Image: S428-03-t10\_01.ppm

SIFT Time: 0.298471212387085 seconds

AKAZE Time: 0.1471931934356689 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S429

Train Image: S429-02-t10\_01.ppm

Val Image: S429-03-t10\_01.ppm

SIFT Time: 0.2730944156646729 seconds

AKAZE Time: 0.124983549118042 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S429

Train Image: S429-04-t10\_01.ppm

Val Image: S429-03-t10\_01.ppm

SIFT Time: 0.2225322723388672 seconds

AKAZE Time: 0.1264207363128662 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

Folder: S429

Train Image: S429-01-t10\_01.ppm

Val Image: S429-03-t10\_01.ppm

SIFT Time: 0.208909273147583 seconds

AKAZE Time: 0.1304254531860352 seconds

Fastest Method: AKAZE (AKAZE lebih cepat)

## Keypoint Matching Results

Label: S027

Train Image: S027-01-t10\_01.ppm

Val Image: S027-01-t10\_03.ppm

SIFT Matches: 122

AKAZE Matches: 113

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.954014425371973

Euclidean Distance AKAZE: 3.549044648374428

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.55))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S027/inliers\_S027-01-t10\_01.ppm\_S027-01-t10\_03.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S027/outliers\_S027-01-t10\_01.ppm\_S027-01-t10\_03.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S027/inliers\_S027-01-t10\_01.ppm\_S027-01-t10\_03.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S027/outliers\_S027-01-t10\_01.ppm\_S027-01-t10\_03.ppm.png

Label: S027

Train Image: S027-01-t10\_01.ppm

Val Image: S027-01-t10\_02.ppm

SIFT Matches: 117

AKAZE Matches: 102

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.906995429194064

Euclidean Distance AKAZE: 3.761589722807761

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.76))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S027/inliers\_S027-01-t10\_01.ppm\_S027-01-t10\_02.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S027/outliers\_S027-01-t10\_01.ppm\_S027-01-t10\_02.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S027/inliers\_S027-01-t10\_01.ppm\_S027-01-t10\_02.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S027/outliers\_S027-01-t10\_01.ppm\_S027-01-t10\_02.ppm.png

Label: S008

Train Image: S008-07-t10\_01.ppm

Val Image: S008-04-t10\_01.ppm

SIFT Matches: 51

AKAZE Matches: 28

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.124573687621788

Euclidean Distance AKAZE: 1.666227163587079

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.67))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S008/inliers\_S008-07-t10\_01.ppm\_S008-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S008/outliers\_S008-07-t10\_01.ppm\_S008-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S008/inliers\_S008-07-t10\_01.ppm\_S008-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S008/outliers\_S008-07-t10\_01.ppm\_S008-04-t10\_01.ppm.png

Label: S008

Train Image: S008-03-t10\_01.ppm

Val Image: S008-04-t10\_01.ppm

SIFT Matches: 71

AKAZE Matches: 48

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.756193717206751

Euclidean Distance AKAZE: 2.275499558774928

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.28))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S008/inliers\_S008-03-t10\_01.ppm\_S008-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S008/outliers\_S008-03-t10\_01.ppm\_S008-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S008/inliers\_S008-03-t10\_01.ppm\_S008-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S008/outliers\_S008-03-t10\_01.ppm\_S008-04-t10\_01.ppm.png

Label: S008

Train Image: S008-02-t10\_01.ppm

Val Image: S008-04-t10\_01.ppm

SIFT Matches: 79

AKAZE Matches: 40

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.047564877963906

Euclidean Distance AKAZE: 2.261376334833987

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.26))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S008/inliers\_S008-02-t10\_01.ppm\_S008-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S008/outliers\_S008-02-t10\_01.ppm\_S008-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S008/inliers\_S008-02-t10\_01.ppm\_S008-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S008/outliers\_S008-02-t10\_01.ppm\_S008-04-t10\_01.ppm.png

Label: S008

Train Image: S008-01-t10\_01.ppm

Val Image: S008-04-t10\_01.ppm

SIFT Matches: 67

AKAZE Matches: 32

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.69861762983379

Euclidean Distance AKAZE: 1.930898278107261

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.93))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S008/inliers\_S008-01-t10\_01.ppm\_S008-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S008/outliers\_S008-01-t10\_01.ppm\_S008-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S008/inliers\_S008-01-t10\_01.ppm\_S008-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S008/outliers\_S008-01-t10\_01.ppm\_S008-04-t10\_01.ppm.png

Label: S008

Train Image: S008-06-t10\_01.ppm

Val Image: S008-04-t10\_01.ppm

SIFT Matches: 85

AKAZE Matches: 50

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.740704470877084

Euclidean Distance AKAZE: 2.173199469079207

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.17))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S008/inliers\_S008-06-t10\_01.ppm\_S008-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S008/outliers\_S008-06-t10\_01.ppm\_S008-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S008/inliers\_S008-06-t10\_01.ppm\_S008-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S008/outliers\_S008-06-t10\_01.ppm\_S008-04-t10\_01.ppm.png

Label: S008

Train Image: S008-05-t10\_01.ppm

Val Image: S008-04-t10\_01.ppm

SIFT Matches: 42

AKAZE Matches: 17

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 1.605945299591702

Euclidean Distance AKAZE: 1.120021706021796

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.12))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S008/inliers\_S008-05-t10\_01.ppm\_S008-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S008/outliers\_S008-05-t10\_01.ppm\_S008-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S008/inliers\_S008-05-t10\_01.ppm\_S008-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S008/outliers\_S008-05-t10\_01.ppm\_S008-04-t10\_01.ppm.png

Label: S015

Train Image: S015-02-t10\_01.ppm

Val Image: S015-03-t10\_01.ppm

SIFT Matches: 47

AKAZE Matches: 21

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.278145627267

Euclidean Distance AKAZE: 1.840458409752725

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.84))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S015/inliers\_S015-02-t10\_01.ppm\_S015-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S015/outliers\_S015-02-t10\_01.ppm\_S015-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S015/inliers\_S015-02-t10\_01.ppm\_S015-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S015/outliers\_S015-02-t10\_01.ppm\_S015-03-t10\_01.ppm.png

Label: S015

Train Image: S015-01-t10\_01.ppm

Val Image: S015-03-t10\_01.ppm

SIFT Matches: 38

AKAZE Matches: 18

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.646274956647119

Euclidean Distance AKAZE: 2.038682367057072

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.04))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S015/inliers\_S015-01-t10\_01.ppm\_S015-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S015/outliers\_S015-01-t10\_01.ppm\_S015-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S015/inliers\_S015-01-t10\_01.ppm\_S015-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S015/outliers\_S015-01-t10\_01.ppm\_S015-03-t10\_01.ppm.png

Label: S001

Train Image: S001-02-t10\_01.ppm

Val Image: S001-08-t10\_03.ppm

SIFT Matches: 149

AKAZE Matches: 66

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.256198715084217

Euclidean Distance AKAZE: 3.571697601120603

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.57))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/inliers\_S001-02-t10\_01.ppm\_S001-08-t10\_03.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/outliers\_S001-02-t10\_01.ppm\_S001-08-t10\_03.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/inliers\_S001-02-t10\_01.ppm\_S001-08-t10\_03.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/outliers\_S001-02-t10\_01.ppm\_S001-08-t10\_03.ppm.png

Label: S001

Train Image: S001-02-t10\_01.ppm

Val Image: S001-08-t10\_01.ppm

SIFT Matches: 139

AKAZE Matches: 100

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.819559172403344

Euclidean Distance AKAZE: 4.14423237503102

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.14))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/inliers\_S001-02-t10\_01.ppm\_S001-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/outliers\_S001-02-t10\_01.ppm\_S001-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/inliers\_S001-02-t10\_01.ppm\_S001-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/outliers\_S001-02-t10\_01.ppm\_S001-08-t10\_01.ppm.png

Label: S001

Train Image: S001-02-t10\_01.ppm

Val Image: S001-07-t10\_01.ppm

SIFT Matches: 123

AKAZE Matches: 76

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.564116456606695

Euclidean Distance AKAZE: 3.744755879831511

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.74))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/inliers\_S001-02-t10\_01.ppm\_S001-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/outliers\_S001-02-t10\_01.ppm\_S001-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/inliers\_S001-02-t10\_01.ppm\_S001-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/outliers\_S001-02-t10\_01.ppm\_S001-07-t10\_01.ppm.png

Label: S001

Train Image: S001-03-t10\_01.ppm

Val Image: S001-08-t10\_03.ppm

SIFT Matches: 194

AKAZE Matches: 103

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.313073170487987

Euclidean Distance AKAZE: 3.899735984468165

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.90))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/inliers\_S001-03-t10\_01.ppm\_S001-08-t10\_03.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/outliers\_S001-03-t10\_01.ppm\_S001-08-t10\_03.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/inliers\_S001-03-t10\_01.ppm\_S001-08-t10\_03.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/outliers\_S001-03-t10\_01.ppm\_S001-08-t10\_03.ppm.png

Label: S001

Train Image: S001-03-t10\_01.ppm

Val Image: S001-08-t10\_01.ppm

SIFT Matches: 158

AKAZE Matches: 119

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.363005284330341

Euclidean Distance AKAZE: 4.633937144926533

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.63))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/inliers\_S001-03-t10\_01.ppm\_S001-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/outliers\_S001-03-t10\_01.ppm\_S001-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/inliers\_S001-03-t10\_01.ppm\_S001-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/outliers\_S001-03-t10\_01.ppm\_S001-08-t10\_01.ppm.png

Label: S001

Train Image: S001-03-t10\_01.ppm

Val Image: S001-07-t10\_01.ppm

SIFT Matches: 195

AKAZE Matches: 185

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.668577606481249

Euclidean Distance AKAZE: 4.853972626501746

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.85))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/inliers\_S001-03-t10\_01.ppm\_S001-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/outliers\_S001-03-t10\_01.ppm\_S001-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/inliers\_S001-03-t10\_01.ppm\_S001-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/outliers\_S001-03-t10\_01.ppm\_S001-07-t10\_01.ppm.png

Label: S001

Train Image: S001-06-t10\_01.ppm

Val Image: S001-08-t10\_03.ppm

SIFT Matches: 168

AKAZE Matches: 82

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.167849533700531

Euclidean Distance AKAZE: 3.984189679982452

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.98))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/inliers\_S001-06-t10\_01.ppm\_S001-08-t10\_03.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/outliers\_S001-06-t10\_01.ppm\_S001-08-t10\_03.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/inliers\_S001-06-t10\_01.ppm\_S001-08-t10\_03.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/outliers\_S001-06-t10\_01.ppm\_S001-08-t10\_03.ppm.png

Label: S001

Train Image: S001-06-t10\_01.ppm

Val Image: S001-08-t10\_01.ppm

SIFT Matches: 145

AKAZE Matches: 112

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.94700268625615

Euclidean Distance AKAZE: 3.879190097389068

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.88))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/inliers\_S001-06-t10\_01.ppm\_S001-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/outliers\_S001-06-t10\_01.ppm\_S001-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/inliers\_S001-06-t10\_01.ppm\_S001-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/outliers\_S001-06-t10\_01.ppm\_S001-08-t10\_01.ppm.png

Label: S001

Train Image: S001-06-t10\_01.ppm

Val Image: S001-07-t10\_01.ppm

SIFT Matches: 161

AKAZE Matches: 165

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.611988250681752

Euclidean Distance AKAZE: 4.876787772353929

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (4.61))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/inliers\_S001-06-t10\_01.ppm\_S001-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/outliers\_S001-06-t10\_01.ppm\_S001-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/inliers\_S001-06-t10\_01.ppm\_S001-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/outliers\_S001-06-t10\_01.ppm\_S001-07-t10\_01.ppm.png

Label: S001

Train Image: S001-04-t10\_01.ppm

Val Image: S001-08-t10\_03.ppm

SIFT Matches: 120

AKAZE Matches: 75

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.258484107835514

Euclidean Distance AKAZE: 3.759917438213056

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.76))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/inliers\_S001-04-t10\_01.ppm\_S001-08-t10\_03.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/outliers\_S001-04-t10\_01.ppm\_S001-08-t10\_03.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/inliers\_S001-04-t10\_01.ppm\_S001-08-t10\_03.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/outliers\_S001-04-t10\_01.ppm\_S001-08-t10\_03.ppm.png

Label: S001

Train Image: S001-04-t10\_01.ppm

Val Image: S001-08-t10\_01.ppm

SIFT Matches: 150

AKAZE Matches: 104

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.986629520425073

Euclidean Distance AKAZE: 4.030086466609361

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.03))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/inliers\_S001-04-t10\_01.ppm\_S001-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/outliers\_S001-04-t10\_01.ppm\_S001-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/inliers\_S001-04-t10\_01.ppm\_S001-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/outliers\_S001-04-t10\_01.ppm\_S001-08-t10\_01.ppm.png

Label: S001

Train Image: S001-04-t10\_01.ppm

Val Image: S001-07-t10\_01.ppm

SIFT Matches: 130

AKAZE Matches: 93

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.606677971234721

Euclidean Distance AKAZE: 3.811911605277913

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.81))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/inliers\_S001-04-t10\_01.ppm\_S001-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/outliers\_S001-04-t10\_01.ppm\_S001-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/inliers\_S001-04-t10\_01.ppm\_S001-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/outliers\_S001-04-t10\_01.ppm\_S001-07-t10\_01.ppm.png

Label: S001

Train Image: S001-05-t10\_01.ppm

Val Image: S001-08-t10\_03.ppm

SIFT Matches: 60

AKAZE Matches: 43

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.779429880617865

Euclidean Distance AKAZE: 2.835871863016269

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (2.78))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/inliers\_S001-05-t10\_01.ppm\_S001-08-t10\_03.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/outliers\_S001-05-t10\_01.ppm\_S001-08-t10\_03.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/inliers\_S001-05-t10\_01.ppm\_S001-08-t10\_03.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/outliers\_S001-05-t10\_01.ppm\_S001-08-t10\_03.ppm.png

Label: S001

Train Image: S001-05-t10\_01.ppm

Val Image: S001-08-t10\_01.ppm

SIFT Matches: 61

AKAZE Matches: 44

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.062603683554883

Euclidean Distance AKAZE: 2.252194315540093

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.25))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/inliers\_S001-05-t10\_01.ppm\_S001-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/outliers\_S001-05-t10\_01.ppm\_S001-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/inliers\_S001-05-t10\_01.ppm\_S001-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/outliers\_S001-05-t10\_01.ppm\_S001-08-t10\_01.ppm.png

Label: S001

Train Image: S001-05-t10\_01.ppm

Val Image: S001-07-t10\_01.ppm

SIFT Matches: 67

AKAZE Matches: 47

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.230836148363185

Euclidean Distance AKAZE: 3.052369242980098

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.05))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/inliers\_S001-05-t10\_01.ppm\_S001-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/outliers\_S001-05-t10\_01.ppm\_S001-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/inliers\_S001-05-t10\_01.ppm\_S001-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/outliers\_S001-05-t10\_01.ppm\_S001-07-t10\_01.ppm.png

Label: S001

Train Image: S001-01-t10\_01.ppm

Val Image: S001-08-t10\_03.ppm

SIFT Matches: 128

AKAZE Matches: 63

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.49643325657173

Euclidean Distance AKAZE: 3.270302690051882

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.27))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/inliers\_S001-01-t10\_01.ppm\_S001-08-t10\_03.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/outliers\_S001-01-t10\_01.ppm\_S001-08-t10\_03.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/inliers\_S001-01-t10\_01.ppm\_S001-08-t10\_03.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/outliers\_S001-01-t10\_01.ppm\_S001-08-t10\_03.ppm.png

Label: S001

Train Image: S001-01-t10\_01.ppm

Val Image: S001-08-t10\_01.ppm

SIFT Matches: 116

AKAZE Matches: 81

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.004868362085163

Euclidean Distance AKAZE: 3.676978594788521

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.68))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/inliers\_S001-01-t10\_01.ppm\_S001-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/outliers\_S001-01-t10\_01.ppm\_S001-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/inliers\_S001-01-t10\_01.ppm\_S001-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/outliers\_S001-01-t10\_01.ppm\_S001-08-t10\_01.ppm.png

Label: S001

Train Image: S001-01-t10\_01.ppm

Val Image: S001-07-t10\_01.ppm

SIFT Matches: 122

AKAZE Matches: 68

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.186687026039713

Euclidean Distance AKAZE: 3.296462755867946

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.30))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/inliers\_S001-01-t10\_01.ppm\_S001-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/outliers\_S001-01-t10\_01.ppm\_S001-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/inliers\_S001-01-t10\_01.ppm\_S001-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/outliers\_S001-01-t10\_01.ppm\_S001-07-t10\_01.ppm.png

Label: S001

Train Image: S001-08-t10\_02.ppm

Val Image: S001-08-t10\_03.ppm

SIFT Matches: 192

AKAZE Matches: 76

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.654697261600415

Euclidean Distance AKAZE: 3.568533122088746

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.57))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/inliers\_S001-08-t10\_02.ppm\_S001-08-t10\_03.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/outliers\_S001-08-t10\_02.ppm\_S001-08-t10\_03.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/inliers\_S001-08-t10\_02.ppm\_S001-08-t10\_03.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/outliers\_S001-08-t10\_02.ppm\_S001-08-t10\_03.ppm.png

Label: S001

Train Image: S001-08-t10\_02.ppm

Val Image: S001-08-t10\_01.ppm

SIFT Matches: 131

AKAZE Matches: 71

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.325783369112817

Euclidean Distance AKAZE: 3.177169611439571

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.18))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/inliers\_S001-08-t10\_02.ppm\_S001-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/outliers\_S001-08-t10\_02.ppm\_S001-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/inliers\_S001-08-t10\_02.ppm\_S001-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/outliers\_S001-08-t10\_02.ppm\_S001-08-t10\_01.ppm.png

Label: S001

Train Image: S001-08-t10\_02.ppm

Val Image: S001-07-t10\_01.ppm

SIFT Matches: 149

AKAZE Matches: 81

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.987562195260471

Euclidean Distance AKAZE: 3.531993353074386

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.53))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/inliers\_S001-08-t10\_02.ppm\_S001-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/outliers\_S001-08-t10\_02.ppm\_S001-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/inliers\_S001-08-t10\_02.ppm\_S001-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/outliers\_S001-08-t10\_02.ppm\_S001-07-t10\_01.ppm.png

Label: S001

Train Image: S001-09-t10\_01.ppm

Val Image: S001-08-t10\_03.ppm

SIFT Matches: 141

AKAZE Matches: 57

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.84234136802036

Euclidean Distance AKAZE: 2.66179127360168

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.66))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/inliers\_S001-09-t10\_01.ppm\_S001-08-t10\_03.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/outliers\_S001-09-t10\_01.ppm\_S001-08-t10\_03.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/inliers\_S001-09-t10\_01.ppm\_S001-08-t10\_03.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/outliers\_S001-09-t10\_01.ppm\_S001-08-t10\_03.ppm.png

Label: S001

Train Image: S001-09-t10\_01.ppm

Val Image: S001-08-t10\_01.ppm

SIFT Matches: 136

AKAZE Matches: 68

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.844285335398296

Euclidean Distance AKAZE: 3.019406970834391

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.02))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/inliers\_S001-09-t10\_01.ppm\_S001-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/outliers\_S001-09-t10\_01.ppm\_S001-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/inliers\_S001-09-t10\_01.ppm\_S001-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/outliers\_S001-09-t10\_01.ppm\_S001-08-t10\_01.ppm.png

Label: S001

Train Image: S001-09-t10\_01.ppm

Val Image: S001-07-t10\_01.ppm

SIFT Matches: 140

AKAZE Matches: 59

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.484616684544862

Euclidean Distance AKAZE: 2.807270969667259

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.81))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/inliers\_S001-09-t10\_01.ppm\_S001-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S001/outliers\_S001-09-t10\_01.ppm\_S001-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/inliers\_S001-09-t10\_01.ppm\_S001-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S001/outliers\_S001-09-t10\_01.ppm\_S001-07-t10\_01.ppm.png

Label: S006

Train Image: S006-03-t10\_01.ppm

Val Image: S006-01-t10\_01.ppm

SIFT Matches: 21

AKAZE Matches: 8

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 1.815740404704296

Euclidean Distance AKAZE: 0.6268382949363884

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (0.63))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S006/inliers\_S006-03-t10\_01.ppm\_S006-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S006/outliers\_S006-03-t10\_01.ppm\_S006-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S006/inliers\_S006-03-t10\_01.ppm\_S006-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S006/outliers\_S006-03-t10\_01.ppm\_S006-01-t10\_01.ppm.png

Label: S006

Train Image: S006-02-t10\_01.ppm

Val Image: S006-01-t10\_01.ppm

SIFT Matches: 10

AKAZE Matches: 1

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 0.7093844469832105

Euclidean Distance AKAZE: 0.2842385949387741

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (0.28))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S006/inliers\_S006-02-t10\_01.ppm\_S006-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S006/outliers\_S006-02-t10\_01.ppm\_S006-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S006/inliers\_S006-02-t10\_01.ppm\_S006-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S006/outliers\_S006-02-t10\_01.ppm\_S006-01-t10\_01.ppm.png

Label: S013

Train Image: S013-02-t10\_01.ppm

Val Image: S013-01-t10\_01.ppm

SIFT Matches: 49

AKAZE Matches: 16

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.677580324460075

Euclidean Distance AKAZE: 1.443683369196501

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.44))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S013/inliers\_S013-02-t10\_01.ppm\_S013-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S013/outliers\_S013-02-t10\_01.ppm\_S013-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S013/inliers\_S013-02-t10\_01.ppm\_S013-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S013/outliers\_S013-02-t10\_01.ppm\_S013-01-t10\_01.ppm.png

Label: S023

Train Image: S023-04-t10\_01.ppm

Val Image: S023-02-t10\_01.ppm

SIFT Matches: 103

AKAZE Matches: 54

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.860904045651857

Euclidean Distance AKAZE: 2.861639617439049

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.86))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S023/inliers\_S023-04-t10\_01.ppm\_S023-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S023/outliers\_S023-04-t10\_01.ppm\_S023-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S023/inliers\_S023-04-t10\_01.ppm\_S023-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S023/outliers\_S023-04-t10\_01.ppm\_S023-02-t10\_01.ppm.png

Label: S023

Train Image: S023-04-t10\_01.ppm

Val Image: S023-01-t10\_01.ppm

SIFT Matches: 127

AKAZE Matches: 72

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.344799264649815

Euclidean Distance AKAZE: 3.315552990350032

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.32))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S023/inliers\_S023-04-t10\_01.ppm\_S023-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S023/outliers\_S023-04-t10\_01.ppm\_S023-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S023/inliers\_S023-04-t10\_01.ppm\_S023-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S023/outliers\_S023-04-t10\_01.ppm\_S023-01-t10\_01.ppm.png

Label: S023

Train Image: S023-03-t10\_01.ppm

Val Image: S023-02-t10\_01.ppm

SIFT Matches: 73

AKAZE Matches: 63

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.934054904946912

Euclidean Distance AKAZE: 2.922850756034711

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.92))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S023/inliers\_S023-03-t10\_01.ppm\_S023-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S023/outliers\_S023-03-t10\_01.ppm\_S023-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S023/inliers\_S023-03-t10\_01.ppm\_S023-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S023/outliers\_S023-03-t10\_01.ppm\_S023-02-t10\_01.ppm.png

Label: S023

Train Image: S023-03-t10\_01.ppm

Val Image: S023-01-t10\_01.ppm

SIFT Matches: 105

AKAZE Matches: 63

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.926564599412515

Euclidean Distance AKAZE: 3.5051385746963

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.51))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S023/inliers\_S023-03-t10\_01.ppm\_S023-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S023/outliers\_S023-03-t10\_01.ppm\_S023-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S023/inliers\_S023-03-t10\_01.ppm\_S023-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S023/outliers\_S023-03-t10\_01.ppm\_S023-01-t10\_01.ppm.png

Label: S029

Train Image: S029-03-t10\_01.ppm

Val Image: S029-02-t10\_01.ppm

SIFT Matches: 163

AKAZE Matches: 97

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.714978443574135

Euclidean Distance AKAZE: 4.094986320146567

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.09))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S029/inliers\_S029-03-t10\_01.ppm\_S029-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S029/outliers\_S029-03-t10\_01.ppm\_S029-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S029/inliers\_S029-03-t10\_01.ppm\_S029-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S029/outliers\_S029-03-t10\_01.ppm\_S029-02-t10\_01.ppm.png

Label: S029

Train Image: S029-03-t10\_01.ppm

Val Image: S029-01-t10\_01.ppm

SIFT Matches: 188

AKAZE Matches: 94

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.115332438970008

Euclidean Distance AKAZE: 4.053265260734327

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.05))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S029/inliers\_S029-03-t10\_01.ppm\_S029-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S029/outliers\_S029-03-t10\_01.ppm\_S029-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S029/inliers\_S029-03-t10\_01.ppm\_S029-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S029/outliers\_S029-03-t10\_01.ppm\_S029-01-t10\_01.ppm.png

Label: S022

Train Image: S022-01-t10\_01.ppm

Val Image: S022-02-t10\_01.ppm

SIFT Matches: 71

AKAZE Matches: 26

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.547982538843486

Euclidean Distance AKAZE: 1.78646808959867

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.79))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S022/inliers\_S022-01-t10\_01.ppm\_S022-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S022/outliers\_S022-01-t10\_01.ppm\_S022-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S022/inliers\_S022-01-t10\_01.ppm\_S022-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S022/outliers\_S022-01-t10\_01.ppm\_S022-02-t10\_01.ppm.png

Label: S044

Train Image: S044-07-t10\_01.ppm

Val Image: S044-05-t10\_01.ppm

SIFT Matches: 123

AKAZE Matches: 58

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.268907510182893

Euclidean Distance AKAZE: 3.251704996916582

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.25))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/inliers\_S044-07-t10\_01.ppm\_S044-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/outliers\_S044-07-t10\_01.ppm\_S044-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/inliers\_S044-07-t10\_01.ppm\_S044-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/outliers\_S044-07-t10\_01.ppm\_S044-05-t10\_01.ppm.png

Label: S044

Train Image: S044-07-t10\_01.ppm

Val Image: S044-04-t10\_01.ppm

SIFT Matches: 193

AKAZE Matches: 50

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.917742750352391

Euclidean Distance AKAZE: 2.863943691061709

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.86))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/inliers\_S044-07-t10\_01.ppm\_S044-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/outliers\_S044-07-t10\_01.ppm\_S044-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/inliers\_S044-07-t10\_01.ppm\_S044-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/outliers\_S044-07-t10\_01.ppm\_S044-04-t10\_01.ppm.png

Label: S044

Train Image: S044-09-t10\_01.ppm

Val Image: S044-05-t10\_01.ppm

SIFT Matches: 136

AKAZE Matches: 71

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.608167886517588

Euclidean Distance AKAZE: 3.341723647131169

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.34))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/inliers\_S044-09-t10\_01.ppm\_S044-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/outliers\_S044-09-t10\_01.ppm\_S044-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/inliers\_S044-09-t10\_01.ppm\_S044-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/outliers\_S044-09-t10\_01.ppm\_S044-05-t10\_01.ppm.png

Label: S044

Train Image: S044-09-t10\_01.ppm

Val Image: S044-04-t10\_01.ppm

SIFT Matches: 205

AKAZE Matches: 53

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.530613296765213

Euclidean Distance AKAZE: 2.966121056278602

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.97))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/inliers\_S044-09-t10\_01.ppm\_S044-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/outliers\_S044-09-t10\_01.ppm\_S044-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/inliers\_S044-09-t10\_01.ppm\_S044-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/outliers\_S044-09-t10\_01.ppm\_S044-04-t10\_01.ppm.png

Label: S044

Train Image: S044-08-t10\_01.ppm

Val Image: S044-05-t10\_01.ppm

SIFT Matches: 154

AKAZE Matches: 52

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.886764858205249

Euclidean Distance AKAZE: 2.686434311040028

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.69))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/inliers\_S044-08-t10\_01.ppm\_S044-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/outliers\_S044-08-t10\_01.ppm\_S044-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/inliers\_S044-08-t10\_01.ppm\_S044-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/outliers\_S044-08-t10\_01.ppm\_S044-05-t10\_01.ppm.png

Label: S044

Train Image: S044-08-t10\_01.ppm

Val Image: S044-04-t10\_01.ppm

SIFT Matches: 235

AKAZE Matches: 50

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.017626773508495

Euclidean Distance AKAZE: 3.174895578062365

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.17))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/inliers\_S044-08-t10\_01.ppm\_S044-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/outliers\_S044-08-t10\_01.ppm\_S044-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/inliers\_S044-08-t10\_01.ppm\_S044-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/outliers\_S044-08-t10\_01.ppm\_S044-04-t10\_01.ppm.png

Label: S044

Train Image: S044-01-t10\_01.ppm

Val Image: S044-05-t10\_01.ppm

SIFT Matches: 40

AKAZE Matches: 20

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.424610435553529

Euclidean Distance AKAZE: 1.729565978389658

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.73))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/inliers\_S044-01-t10\_01.ppm\_S044-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/outliers\_S044-01-t10\_01.ppm\_S044-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/inliers\_S044-01-t10\_01.ppm\_S044-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/outliers\_S044-01-t10\_01.ppm\_S044-05-t10\_01.ppm.png

Label: S044

Train Image: S044-01-t10\_01.ppm

Val Image: S044-04-t10\_01.ppm

SIFT Matches: 50

AKAZE Matches: 14

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.080172457131701

Euclidean Distance AKAZE: 1.852530200002735

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.85))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/inliers\_S044-01-t10\_01.ppm\_S044-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/outliers\_S044-01-t10\_01.ppm\_S044-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/inliers\_S044-01-t10\_01.ppm\_S044-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/outliers\_S044-01-t10\_01.ppm\_S044-04-t10\_01.ppm.png

Label: S044

Train Image: S044-06-t10\_01.ppm

Val Image: S044-05-t10\_01.ppm

SIFT Matches: 113

AKAZE Matches: 59

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.621914144893616

Euclidean Distance AKAZE: 3.324410893726702

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.32))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/inliers\_S044-06-t10\_01.ppm\_S044-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/outliers\_S044-06-t10\_01.ppm\_S044-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/inliers\_S044-06-t10\_01.ppm\_S044-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/outliers\_S044-06-t10\_01.ppm\_S044-05-t10\_01.ppm.png

Label: S044

Train Image: S044-06-t10\_01.ppm

Val Image: S044-04-t10\_01.ppm

SIFT Matches: 176

AKAZE Matches: 56

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.366574333726233

Euclidean Distance AKAZE: 2.938342099961823

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.94))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/inliers\_S044-06-t10\_01.ppm\_S044-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/outliers\_S044-06-t10\_01.ppm\_S044-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/inliers\_S044-06-t10\_01.ppm\_S044-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/outliers\_S044-06-t10\_01.ppm\_S044-04-t10\_01.ppm.png

Label: S044

Train Image: S044-03-t10\_01.ppm

Val Image: S044-05-t10\_01.ppm

SIFT Matches: 22

AKAZE Matches: 11

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 1.910031898726999

Euclidean Distance AKAZE: 1.028082079656123

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.03))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/inliers\_S044-03-t10\_01.ppm\_S044-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/outliers\_S044-03-t10\_01.ppm\_S044-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/inliers\_S044-03-t10\_01.ppm\_S044-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/outliers\_S044-03-t10\_01.ppm\_S044-05-t10\_01.ppm.png

Label: S044

Train Image: S044-03-t10\_01.ppm

Val Image: S044-04-t10\_01.ppm

SIFT Matches: 30

AKAZE Matches: 14

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.12577511380595

Euclidean Distance AKAZE: 1.622075511282122

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.62))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/inliers\_S044-03-t10\_01.ppm\_S044-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/outliers\_S044-03-t10\_01.ppm\_S044-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/inliers\_S044-03-t10\_01.ppm\_S044-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/outliers\_S044-03-t10\_01.ppm\_S044-04-t10\_01.ppm.png

Label: S044

Train Image: S044-02-t10\_01.ppm

Val Image: S044-05-t10\_01.ppm

SIFT Matches: 16

AKAZE Matches: 5

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 1.7618986532314

Euclidean Distance AKAZE: 0.9390913089209375

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (0.94))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/inliers\_S044-02-t10\_01.ppm\_S044-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/outliers\_S044-02-t10\_01.ppm\_S044-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/inliers\_S044-02-t10\_01.ppm\_S044-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/outliers\_S044-02-t10\_01.ppm\_S044-05-t10\_01.ppm.png

Label: S044

Train Image: S044-02-t10\_01.ppm

Val Image: S044-04-t10\_01.ppm

SIFT Matches: 19

AKAZE Matches: 6

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 1.527661249199691

Euclidean Distance AKAZE: 1.153836882325481

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.15))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/inliers\_S044-02-t10\_01.ppm\_S044-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S044/outliers\_S044-02-t10\_01.ppm\_S044-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/inliers\_S044-02-t10\_01.ppm\_S044-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S044/outliers\_S044-02-t10\_01.ppm\_S044-04-t10\_01.ppm.png

Label: S032

Train Image: S032-03-t10\_01.ppm

Val Image: S032-01-t10\_01.ppm

SIFT Matches: 54

AKAZE Matches: 29

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.038881976025428

Euclidean Distance AKAZE: 2.249075312197469

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.25))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S032/inliers\_S032-03-t10\_01.ppm\_S032-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S032/outliers\_S032-03-t10\_01.ppm\_S032-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S032/inliers\_S032-03-t10\_01.ppm\_S032-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S032/outliers\_S032-03-t10\_01.ppm\_S032-01-t10\_01.ppm.png

Label: S032

Train Image: S032-02-t10\_01.ppm

Val Image: S032-01-t10\_01.ppm

SIFT Matches: 115

AKAZE Matches: 62

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.543962378636523

Euclidean Distance AKAZE: 3.174813177062358

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.17))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S032/inliers\_S032-02-t10\_01.ppm\_S032-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S032/outliers\_S032-02-t10\_01.ppm\_S032-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S032/inliers\_S032-02-t10\_01.ppm\_S032-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S032/outliers\_S032-02-t10\_01.ppm\_S032-01-t10\_01.ppm.png

Label: S045

Train Image: S045-01-t10\_02.ppm

Val Image: S045-01-t10\_01.ppm

SIFT Matches: 200

AKAZE Matches: 60

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.423187063176542

Euclidean Distance AKAZE: 2.740651543612756

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.74))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S045/inliers\_S045-01-t10\_02.ppm\_S045-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S045/outliers\_S045-01-t10\_02.ppm\_S045-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S045/inliers\_S045-01-t10\_02.ppm\_S045-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S045/outliers\_S045-01-t10\_02.ppm\_S045-01-t10\_01.ppm.png

Label: S031

Train Image: S031-03-t10\_01.ppm

Val Image: S031-01-t10\_01.ppm

SIFT Matches: 119

AKAZE Matches: 62

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.95663085474918

Euclidean Distance AKAZE: 2.693221560616897

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.69))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S031/inliers\_S031-03-t10\_01.ppm\_S031-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S031/outliers\_S031-03-t10\_01.ppm\_S031-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S031/inliers\_S031-03-t10\_01.ppm\_S031-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S031/outliers\_S031-03-t10\_01.ppm\_S031-01-t10\_01.ppm.png

Label: S031

Train Image: S031-03-t10\_01.ppm

Val Image: S031-02-t10\_01.ppm

SIFT Matches: 244

AKAZE Matches: 86

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.486649638281232

Euclidean Distance AKAZE: 3.071298055901778

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.07))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S031/inliers\_S031-03-t10\_01.ppm\_S031-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S031/outliers\_S031-03-t10\_01.ppm\_S031-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S031/inliers\_S031-03-t10\_01.ppm\_S031-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S031/outliers\_S031-03-t10\_01.ppm\_S031-02-t10\_01.ppm.png

Label: S031

Train Image: S031-04-t10\_01.ppm

Val Image: S031-01-t10\_01.ppm

SIFT Matches: 117

AKAZE Matches: 54

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.767863583515692

Euclidean Distance AKAZE: 2.419590519095432

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.42))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S031/inliers\_S031-04-t10\_01.ppm\_S031-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S031/outliers\_S031-04-t10\_01.ppm\_S031-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S031/inliers\_S031-04-t10\_01.ppm\_S031-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S031/outliers\_S031-04-t10\_01.ppm\_S031-01-t10\_01.ppm.png

Label: S031

Train Image: S031-04-t10\_01.ppm

Val Image: S031-02-t10\_01.ppm

SIFT Matches: 291

AKAZE Matches: 65

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.772508542846845

Euclidean Distance AKAZE: 2.949818152695946

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.95))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S031/inliers\_S031-04-t10\_01.ppm\_S031-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S031/outliers\_S031-04-t10\_01.ppm\_S031-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S031/inliers\_S031-04-t10\_01.ppm\_S031-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S031/outliers\_S031-04-t10\_01.ppm\_S031-02-t10\_01.ppm.png

Label: S031

Train Image: S031-06-t10\_01.ppm

Val Image: S031-01-t10\_01.ppm

SIFT Matches: 41

AKAZE Matches: 31

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.943365577616625

Euclidean Distance AKAZE: 2.093927383555942

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.09))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S031/inliers\_S031-06-t10\_01.ppm\_S031-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S031/outliers\_S031-06-t10\_01.ppm\_S031-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S031/inliers\_S031-06-t10\_01.ppm\_S031-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S031/outliers\_S031-06-t10\_01.ppm\_S031-01-t10\_01.ppm.png

Label: S031

Train Image: S031-06-t10\_01.ppm

Val Image: S031-02-t10\_01.ppm

SIFT Matches: 69

AKAZE Matches: 37

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.449547634946829

Euclidean Distance AKAZE: 2.469704408670992

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.47))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S031/inliers\_S031-06-t10\_01.ppm\_S031-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S031/outliers\_S031-06-t10\_01.ppm\_S031-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S031/inliers\_S031-06-t10\_01.ppm\_S031-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S031/outliers\_S031-06-t10\_01.ppm\_S031-02-t10\_01.ppm.png

Label: S031

Train Image: S031-05-t10\_01.ppm

Val Image: S031-01-t10\_01.ppm

SIFT Matches: 107

AKAZE Matches: 55

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.228772835726859

Euclidean Distance AKAZE: 2.523790864712715

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.52))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S031/inliers\_S031-05-t10\_01.ppm\_S031-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S031/outliers\_S031-05-t10\_01.ppm\_S031-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S031/inliers\_S031-05-t10\_01.ppm\_S031-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S031/outliers\_S031-05-t10\_01.ppm\_S031-01-t10\_01.ppm.png

Label: S031

Train Image: S031-05-t10\_01.ppm

Val Image: S031-02-t10\_01.ppm

SIFT Matches: 255

AKAZE Matches: 62

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.667592748709501

Euclidean Distance AKAZE: 2.89279073633185

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.89))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S031/inliers\_S031-05-t10\_01.ppm\_S031-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S031/outliers\_S031-05-t10\_01.ppm\_S031-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S031/inliers\_S031-05-t10\_01.ppm\_S031-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S031/outliers\_S031-05-t10\_01.ppm\_S031-02-t10\_01.ppm.png

Label: S030

Train Image: S030-04-t10\_01.ppm

Val Image: S030-03-t10\_01.ppm

SIFT Matches: 160

AKAZE Matches: 93

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.221055306815298

Euclidean Distance AKAZE: 3.00589674728569

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.01))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S030/inliers\_S030-04-t10\_01.ppm\_S030-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S030/outliers\_S030-04-t10\_01.ppm\_S030-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S030/inliers\_S030-04-t10\_01.ppm\_S030-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S030/outliers\_S030-04-t10\_01.ppm\_S030-03-t10\_01.ppm.png

Label: S030

Train Image: S030-04-t10\_01.ppm

Val Image: S030-01-t10\_01.ppm

SIFT Matches: 283

AKAZE Matches: 132

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.603651260961424

Euclidean Distance AKAZE: 4.859292910110046

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.86))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S030/inliers\_S030-04-t10\_01.ppm\_S030-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S030/outliers\_S030-04-t10\_01.ppm\_S030-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S030/inliers\_S030-04-t10\_01.ppm\_S030-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S030/outliers\_S030-04-t10\_01.ppm\_S030-01-t10\_01.ppm.png

Label: S030

Train Image: S030-02-t10\_01.ppm

Val Image: S030-03-t10\_01.ppm

SIFT Matches: 136

AKAZE Matches: 84

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.231681086959374

Euclidean Distance AKAZE: 3.348565850113289

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.35))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S030/inliers\_S030-02-t10\_01.ppm\_S030-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S030/outliers\_S030-02-t10\_01.ppm\_S030-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S030/inliers\_S030-02-t10\_01.ppm\_S030-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S030/outliers\_S030-02-t10\_01.ppm\_S030-03-t10\_01.ppm.png

Label: S030

Train Image: S030-02-t10\_01.ppm

Val Image: S030-01-t10\_01.ppm

SIFT Matches: 215

AKAZE Matches: 111

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.085554993442568

Euclidean Distance AKAZE: 4.278422597351667

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.28))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S030/inliers\_S030-02-t10\_01.ppm\_S030-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S030/outliers\_S030-02-t10\_01.ppm\_S030-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S030/inliers\_S030-02-t10\_01.ppm\_S030-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S030/outliers\_S030-02-t10\_01.ppm\_S030-01-t10\_01.ppm.png

Label: S030

Train Image: S030-05-t10\_01.ppm

Val Image: S030-03-t10\_01.ppm

SIFT Matches: 132

AKAZE Matches: 73

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.351949895878648

Euclidean Distance AKAZE: 2.903769821186088

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.90))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S030/inliers\_S030-05-t10\_01.ppm\_S030-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S030/outliers\_S030-05-t10\_01.ppm\_S030-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S030/inliers\_S030-05-t10\_01.ppm\_S030-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S030/outliers\_S030-05-t10\_01.ppm\_S030-03-t10\_01.ppm.png

Label: S030

Train Image: S030-05-t10\_01.ppm

Val Image: S030-01-t10\_01.ppm

SIFT Matches: 202

AKAZE Matches: 78

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.696505236799864

Euclidean Distance AKAZE: 3.222839862694173

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.22))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S030/inliers\_S030-05-t10\_01.ppm\_S030-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S030/outliers\_S030-05-t10\_01.ppm\_S030-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S030/inliers\_S030-05-t10\_01.ppm\_S030-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S030/outliers\_S030-05-t10\_01.ppm\_S030-01-t10\_01.ppm.png

Label: S033

Train Image: S033-01-t10\_01.ppm

Val Image: S033-04-t10\_01.ppm

SIFT Matches: 107

AKAZE Matches: 20

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.541342017116924

Euclidean Distance AKAZE: 1.676957173289277

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.68))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S033/inliers\_S033-01-t10\_01.ppm\_S033-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S033/outliers\_S033-01-t10\_01.ppm\_S033-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S033/inliers\_S033-01-t10\_01.ppm\_S033-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S033/outliers\_S033-01-t10\_01.ppm\_S033-04-t10\_01.ppm.png

Label: S033

Train Image: S033-03-t10\_01.ppm

Val Image: S033-04-t10\_01.ppm

SIFT Matches: 142

AKAZE Matches: 61

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.775661710890999

Euclidean Distance AKAZE: 3.134218149729837

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.13))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S033/inliers\_S033-03-t10\_01.ppm\_S033-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S033/outliers\_S033-03-t10\_01.ppm\_S033-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S033/inliers\_S033-03-t10\_01.ppm\_S033-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S033/outliers\_S033-03-t10\_01.ppm\_S033-04-t10\_01.ppm.png

Label: S033

Train Image: S033-05-t10\_01.ppm

Val Image: S033-04-t10\_01.ppm

SIFT Matches: 124

AKAZE Matches: 50

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.563470167841166

Euclidean Distance AKAZE: 2.610129324582777

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.61))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S033/inliers\_S033-05-t10\_01.ppm\_S033-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S033/outliers\_S033-05-t10\_01.ppm\_S033-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S033/inliers\_S033-05-t10\_01.ppm\_S033-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S033/outliers\_S033-05-t10\_01.ppm\_S033-04-t10\_01.ppm.png

Label: S033

Train Image: S033-06-t10\_01.ppm

Val Image: S033-04-t10\_01.ppm

SIFT Matches: 124

AKAZE Matches: 51

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.433161460402697

Euclidean Distance AKAZE: 2.505004184104302

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.51))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S033/inliers\_S033-06-t10\_01.ppm\_S033-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S033/outliers\_S033-06-t10\_01.ppm\_S033-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S033/inliers\_S033-06-t10\_01.ppm\_S033-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S033/outliers\_S033-06-t10\_01.ppm\_S033-04-t10\_01.ppm.png

Label: S033

Train Image: S033-07-t10\_01.ppm

Val Image: S033-04-t10\_01.ppm

SIFT Matches: 104

AKAZE Matches: 36

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.176315476220476

Euclidean Distance AKAZE: 2.40718344802117

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.41))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S033/inliers\_S033-07-t10\_01.ppm\_S033-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S033/outliers\_S033-07-t10\_01.ppm\_S033-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S033/inliers\_S033-07-t10\_01.ppm\_S033-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S033/outliers\_S033-07-t10\_01.ppm\_S033-04-t10\_01.ppm.png

Label: S033

Train Image: S033-02-t10\_01.ppm

Val Image: S033-04-t10\_01.ppm

SIFT Matches: 127

AKAZE Matches: 37

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.628153933678254

Euclidean Distance AKAZE: 2.555582297059197

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.56))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S033/inliers\_S033-02-t10\_01.ppm\_S033-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S033/outliers\_S033-02-t10\_01.ppm\_S033-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S033/inliers\_S033-02-t10\_01.ppm\_S033-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S033/outliers\_S033-02-t10\_01.ppm\_S033-04-t10\_01.ppm.png

Label: S036

Train Image: S036-03-t10\_01.ppm

Val Image: S036-01-t10\_01.ppm

SIFT Matches: 63

AKAZE Matches: 28

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.706368523083113

Euclidean Distance AKAZE: 2.420567571666402

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.42))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S036/inliers\_S036-03-t10\_01.ppm\_S036-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S036/outliers\_S036-03-t10\_01.ppm\_S036-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S036/inliers\_S036-03-t10\_01.ppm\_S036-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S036/outliers\_S036-03-t10\_01.ppm\_S036-01-t10\_01.ppm.png

Label: S036

Train Image: S036-02-t10\_01.ppm

Val Image: S036-01-t10\_01.ppm

SIFT Matches: 83

AKAZE Matches: 32

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.561785615413679

Euclidean Distance AKAZE: 2.320273951466302

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.32))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S036/inliers\_S036-02-t10\_01.ppm\_S036-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S036/outliers\_S036-02-t10\_01.ppm\_S036-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S036/inliers\_S036-02-t10\_01.ppm\_S036-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S036/outliers\_S036-02-t10\_01.ppm\_S036-01-t10\_01.ppm.png

Label: S048

Train Image: S048-07-t10\_01.ppm

Val Image: S048-03-t10\_01.ppm

SIFT Matches: 132

AKAZE Matches: 90

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.767514895875263

Euclidean Distance AKAZE: 3.760022421474531

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.76))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S048/inliers\_S048-07-t10\_01.ppm\_S048-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S048/outliers\_S048-07-t10\_01.ppm\_S048-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S048/inliers\_S048-07-t10\_01.ppm\_S048-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S048/outliers\_S048-07-t10\_01.ppm\_S048-03-t10\_01.ppm.png

Label: S048

Train Image: S048-07-t10\_01.ppm

Val Image: S048-05-t10\_01.ppm

SIFT Matches: 214

AKAZE Matches: 115

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.046839831747113

Euclidean Distance AKAZE: 3.730163489982801

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.73))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S048/inliers\_S048-07-t10\_01.ppm\_S048-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S048/outliers\_S048-07-t10\_01.ppm\_S048-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S048/inliers\_S048-07-t10\_01.ppm\_S048-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S048/outliers\_S048-07-t10\_01.ppm\_S048-05-t10\_01.ppm.png

Label: S048

Train Image: S048-02-t10\_01.ppm

Val Image: S048-03-t10\_01.ppm

SIFT Matches: 85

AKAZE Matches: 69

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.373087396618149

Euclidean Distance AKAZE: 2.797096153862554

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.80))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S048/inliers\_S048-02-t10\_01.ppm\_S048-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S048/outliers\_S048-02-t10\_01.ppm\_S048-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S048/inliers\_S048-02-t10\_01.ppm\_S048-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S048/outliers\_S048-02-t10\_01.ppm\_S048-03-t10\_01.ppm.png

Label: S048

Train Image: S048-02-t10\_01.ppm

Val Image: S048-05-t10\_01.ppm

SIFT Matches: 108

AKAZE Matches: 81

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.733307816444059

Euclidean Distance AKAZE: 3.54924832715413

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.55))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S048/inliers\_S048-02-t10\_01.ppm\_S048-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S048/outliers\_S048-02-t10\_01.ppm\_S048-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S048/inliers\_S048-02-t10\_01.ppm\_S048-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S048/outliers\_S048-02-t10\_01.ppm\_S048-05-t10\_01.ppm.png

Label: S048

Train Image: S048-04-t10\_01.ppm

Val Image: S048-03-t10\_01.ppm

SIFT Matches: 94

AKAZE Matches: 78

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.865844687842209

Euclidean Distance AKAZE: 3.434662766566978

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.43))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S048/inliers\_S048-04-t10\_01.ppm\_S048-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S048/outliers\_S048-04-t10\_01.ppm\_S048-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S048/inliers\_S048-04-t10\_01.ppm\_S048-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S048/outliers\_S048-04-t10\_01.ppm\_S048-03-t10\_01.ppm.png

Label: S048

Train Image: S048-04-t10\_01.ppm

Val Image: S048-05-t10\_01.ppm

SIFT Matches: 139

AKAZE Matches: 89

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.762745561394825

Euclidean Distance AKAZE: 3.322005339937546

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.32))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S048/inliers\_S048-04-t10\_01.ppm\_S048-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S048/outliers\_S048-04-t10\_01.ppm\_S048-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S048/inliers\_S048-04-t10\_01.ppm\_S048-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S048/outliers\_S048-04-t10\_01.ppm\_S048-05-t10\_01.ppm.png

Label: S048

Train Image: S048-06-t10\_01.ppm

Val Image: S048-03-t10\_01.ppm

SIFT Matches: 88

AKAZE Matches: 70

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.559779008881077

Euclidean Distance AKAZE: 3.228750284731461

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.23))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S048/inliers\_S048-06-t10\_01.ppm\_S048-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S048/outliers\_S048-06-t10\_01.ppm\_S048-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S048/inliers\_S048-06-t10\_01.ppm\_S048-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S048/outliers\_S048-06-t10\_01.ppm\_S048-03-t10\_01.ppm.png

Label: S048

Train Image: S048-06-t10\_01.ppm

Val Image: S048-05-t10\_01.ppm

SIFT Matches: 137

AKAZE Matches: 97

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.860263081609979

Euclidean Distance AKAZE: 3.885286143197474

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.89))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S048/inliers\_S048-06-t10\_01.ppm\_S048-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S048/outliers\_S048-06-t10\_01.ppm\_S048-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S048/inliers\_S048-06-t10\_01.ppm\_S048-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S048/outliers\_S048-06-t10\_01.ppm\_S048-05-t10\_01.ppm.png

Label: S048

Train Image: S048-01-t10\_01.ppm

Val Image: S048-03-t10\_01.ppm

SIFT Matches: 72

AKAZE Matches: 47

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.906253246956179

Euclidean Distance AKAZE: 3.24243001718873

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (2.91))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S048/inliers\_S048-01-t10\_01.ppm\_S048-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S048/outliers\_S048-01-t10\_01.ppm\_S048-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S048/inliers\_S048-01-t10\_01.ppm\_S048-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S048/outliers\_S048-01-t10\_01.ppm\_S048-03-t10\_01.ppm.png

Label: S048

Train Image: S048-01-t10\_01.ppm

Val Image: S048-05-t10\_01.ppm

SIFT Matches: 86

AKAZE Matches: 54

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.789508808707878

Euclidean Distance AKAZE: 2.616754448393618

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.62))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S048/inliers\_S048-01-t10\_01.ppm\_S048-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S048/outliers\_S048-01-t10\_01.ppm\_S048-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S048/inliers\_S048-01-t10\_01.ppm\_S048-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S048/outliers\_S048-01-t10\_01.ppm\_S048-05-t10\_01.ppm.png

Label: S051

Train Image: S051-02-t10\_01.ppm

Val Image: S051-01-t10\_01.ppm

SIFT Matches: 41

AKAZE Matches: 17

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.564776437558169

Euclidean Distance AKAZE: 1.73574467195607

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.74))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S051/inliers\_S051-02-t10\_01.ppm\_S051-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S051/outliers\_S051-02-t10\_01.ppm\_S051-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S051/inliers\_S051-02-t10\_01.ppm\_S051-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S051/outliers\_S051-02-t10\_01.ppm\_S051-01-t10\_01.ppm.png

Label: S046

Train Image: S046-02-t10\_01.ppm

Val Image: S046-01-t10\_01.ppm

SIFT Matches: 100

AKAZE Matches: 36

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.636688535359648

Euclidean Distance AKAZE: 2.853000482250828

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.85))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S046/inliers\_S046-02-t10\_01.ppm\_S046-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S046/outliers\_S046-02-t10\_01.ppm\_S046-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S046/inliers\_S046-02-t10\_01.ppm\_S046-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S046/outliers\_S046-02-t10\_01.ppm\_S046-01-t10\_01.ppm.png

Label: S068

Train Image: S068-04-t10\_01.ppm

Val Image: S068-01-t10\_01.ppm

SIFT Matches: 33

AKAZE Matches: 21

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 1.488980818571707

Euclidean Distance AKAZE: 1.506269089437532

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (1.49))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S068/inliers\_S068-04-t10\_01.ppm\_S068-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S068/outliers\_S068-04-t10\_01.ppm\_S068-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S068/inliers\_S068-04-t10\_01.ppm\_S068-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S068/outliers\_S068-04-t10\_01.ppm\_S068-01-t10\_01.ppm.png

Label: S068

Train Image: S068-04-t10\_01.ppm

Val Image: S068-02-t10\_01.ppm

SIFT Matches: 51

AKAZE Matches: 34

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.21895602377518

Euclidean Distance AKAZE: 1.804094002701601

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.80))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S068/inliers\_S068-04-t10\_01.ppm\_S068-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S068/outliers\_S068-04-t10\_01.ppm\_S068-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S068/inliers\_S068-04-t10\_01.ppm\_S068-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S068/outliers\_S068-04-t10\_01.ppm\_S068-02-t10\_01.ppm.png

Label: S068

Train Image: S068-04-t10\_01.ppm

Val Image: S068-07-t10\_01.ppm

SIFT Matches: 69

AKAZE Matches: 43

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.012015095245705

Euclidean Distance AKAZE: 2.799704061914655

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.80))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S068/inliers\_S068-04-t10\_01.ppm\_S068-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S068/outliers\_S068-04-t10\_01.ppm\_S068-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S068/inliers\_S068-04-t10\_01.ppm\_S068-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S068/outliers\_S068-04-t10\_01.ppm\_S068-07-t10\_01.ppm.png

Label: S068

Train Image: S068-04-t10\_01.ppm

Val Image: S068-05-t10\_01.ppm

SIFT Matches: 59

AKAZE Matches: 46

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.502249790135703

Euclidean Distance AKAZE: 2.537113394451798

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (2.50))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S068/inliers\_S068-04-t10\_01.ppm\_S068-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S068/outliers\_S068-04-t10\_01.ppm\_S068-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S068/inliers\_S068-04-t10\_01.ppm\_S068-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S068/outliers\_S068-04-t10\_01.ppm\_S068-05-t10\_01.ppm.png

Label: S068

Train Image: S068-06-t10\_01.ppm

Val Image: S068-01-t10\_01.ppm

SIFT Matches: 49

AKAZE Matches: 40

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.359468302058642

Euclidean Distance AKAZE: 2.372856208975782

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (2.36))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S068/inliers\_S068-06-t10\_01.ppm\_S068-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S068/outliers\_S068-06-t10\_01.ppm\_S068-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S068/inliers\_S068-06-t10\_01.ppm\_S068-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S068/outliers\_S068-06-t10\_01.ppm\_S068-01-t10\_01.ppm.png

Label: S068

Train Image: S068-06-t10\_01.ppm

Val Image: S068-02-t10\_01.ppm

SIFT Matches: 79

AKAZE Matches: 64

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.296417387731863

Euclidean Distance AKAZE: 3.232849202793817

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.23))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S068/inliers\_S068-06-t10\_01.ppm\_S068-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S068/outliers\_S068-06-t10\_01.ppm\_S068-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S068/inliers\_S068-06-t10\_01.ppm\_S068-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S068/outliers\_S068-06-t10\_01.ppm\_S068-02-t10\_01.ppm.png

Label: S068

Train Image: S068-06-t10\_01.ppm

Val Image: S068-07-t10\_01.ppm

SIFT Matches: 97

AKAZE Matches: 67

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.400618592139572

Euclidean Distance AKAZE: 3.278479824278789

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.28))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S068/inliers\_S068-06-t10\_01.ppm\_S068-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S068/outliers\_S068-06-t10\_01.ppm\_S068-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S068/inliers\_S068-06-t10\_01.ppm\_S068-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S068/outliers\_S068-06-t10\_01.ppm\_S068-07-t10\_01.ppm.png

Label: S068

Train Image: S068-06-t10\_01.ppm

Val Image: S068-05-t10\_01.ppm

SIFT Matches: 88

AKAZE Matches: 68

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.081388526689357

Euclidean Distance AKAZE: 3.386592499056474

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.08))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S068/inliers\_S068-06-t10\_01.ppm\_S068-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S068/outliers\_S068-06-t10\_01.ppm\_S068-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S068/inliers\_S068-06-t10\_01.ppm\_S068-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S068/outliers\_S068-06-t10\_01.ppm\_S068-05-t10\_01.ppm.png

Label: S068

Train Image: S068-03-t10\_01.ppm

Val Image: S068-01-t10\_01.ppm

SIFT Matches: 48

AKAZE Matches: 46

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.381744389658216

Euclidean Distance AKAZE: 3.025753015966734

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (2.38))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S068/inliers\_S068-03-t10\_01.ppm\_S068-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S068/outliers\_S068-03-t10\_01.ppm\_S068-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S068/inliers\_S068-03-t10\_01.ppm\_S068-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S068/outliers\_S068-03-t10\_01.ppm\_S068-01-t10\_01.ppm.png

Label: S068

Train Image: S068-03-t10\_01.ppm

Val Image: S068-02-t10\_01.ppm

SIFT Matches: 100

AKAZE Matches: 68

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.859056410579797

Euclidean Distance AKAZE: 3.506496275305224

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.51))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S068/inliers\_S068-03-t10\_01.ppm\_S068-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S068/outliers\_S068-03-t10\_01.ppm\_S068-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S068/inliers\_S068-03-t10\_01.ppm\_S068-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S068/outliers\_S068-03-t10\_01.ppm\_S068-02-t10\_01.ppm.png

Label: S068

Train Image: S068-03-t10\_01.ppm

Val Image: S068-07-t10\_01.ppm

SIFT Matches: 116

AKAZE Matches: 77

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.969029977678602

Euclidean Distance AKAZE: 3.648121283041444

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.65))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S068/inliers\_S068-03-t10\_01.ppm\_S068-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S068/outliers\_S068-03-t10\_01.ppm\_S068-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S068/inliers\_S068-03-t10\_01.ppm\_S068-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S068/outliers\_S068-03-t10\_01.ppm\_S068-07-t10\_01.ppm.png

Label: S068

Train Image: S068-03-t10\_01.ppm

Val Image: S068-05-t10\_01.ppm

SIFT Matches: 87

AKAZE Matches: 72

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.689904142654274

Euclidean Distance AKAZE: 3.087015414913629

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.09))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S068/inliers\_S068-03-t10\_01.ppm\_S068-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S068/outliers\_S068-03-t10\_01.ppm\_S068-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S068/inliers\_S068-03-t10\_01.ppm\_S068-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S068/outliers\_S068-03-t10\_01.ppm\_S068-05-t10\_01.ppm.png

Label: S064

Train Image: S064-02-t10\_01.ppm

Val Image: S064-01-t10\_01.ppm

SIFT Matches: 64

AKAZE Matches: 43

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.968346829699627

Euclidean Distance AKAZE: 2.364962895379657

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.36))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S064/inliers\_S064-02-t10\_01.ppm\_S064-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S064/outliers\_S064-02-t10\_01.ppm\_S064-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S064/inliers\_S064-02-t10\_01.ppm\_S064-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S064/outliers\_S064-02-t10\_01.ppm\_S064-01-t10\_01.ppm.png

Label: S059

Train Image: S059-01-t10\_01.ppm

Val Image: S059-01-t10\_02.ppm

SIFT Matches: 323

AKAZE Matches: 79

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 7.049841187039364

Euclidean Distance AKAZE: 3.129033426060514

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.13))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S059/inliers\_S059-01-t10\_01.ppm\_S059-01-t10\_02.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S059/outliers\_S059-01-t10\_01.ppm\_S059-01-t10\_02.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S059/inliers\_S059-01-t10\_01.ppm\_S059-01-t10\_02.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S059/outliers\_S059-01-t10\_01.ppm\_S059-01-t10\_02.ppm.png

Label: S058

Train Image: S058-01-t10\_01.ppm

Val Image: S058-02-t10\_01.ppm

SIFT Matches: 102

AKAZE Matches: 47

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.527252162954727

Euclidean Distance AKAZE: 2.946037325048918

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.95))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S058/inliers\_S058-01-t10\_01.ppm\_S058-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S058/outliers\_S058-01-t10\_01.ppm\_S058-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S058/inliers\_S058-01-t10\_01.ppm\_S058-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S058/outliers\_S058-01-t10\_01.ppm\_S058-02-t10\_01.ppm.png

Label: S058

Train Image: S058-03-t10\_01.ppm

Val Image: S058-02-t10\_01.ppm

SIFT Matches: 118

AKAZE Matches: 58

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.780542592971598

Euclidean Distance AKAZE: 2.832021200021796

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.83))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S058/inliers\_S058-03-t10\_01.ppm\_S058-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S058/outliers\_S058-03-t10\_01.ppm\_S058-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S058/inliers\_S058-03-t10\_01.ppm\_S058-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S058/outliers\_S058-03-t10\_01.ppm\_S058-02-t10\_01.ppm.png

Label: S052

Train Image: S052-02-t10\_01.ppm

Val Image: S052-03-t10\_01.ppm

SIFT Matches: 113

AKAZE Matches: 71

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.704425673450495

Euclidean Distance AKAZE: 3.511914105207589

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.51))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S052/inliers\_S052-02-t10\_01.ppm\_S052-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S052/outliers\_S052-02-t10\_01.ppm\_S052-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S052/inliers\_S052-02-t10\_01.ppm\_S052-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S052/outliers\_S052-02-t10\_01.ppm\_S052-03-t10\_01.ppm.png

Label: S052

Train Image: S052-02-t10\_01.ppm

Val Image: S052-01-t10\_01.ppm

SIFT Matches: 108

AKAZE Matches: 64

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.278387459726621

Euclidean Distance AKAZE: 3.269603027138429

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.27))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S052/inliers\_S052-02-t10\_01.ppm\_S052-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S052/outliers\_S052-02-t10\_01.ppm\_S052-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S052/inliers\_S052-02-t10\_01.ppm\_S052-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S052/outliers\_S052-02-t10\_01.ppm\_S052-01-t10\_01.ppm.png

Label: S076

Train Image: S076-01-t10\_01.ppm

Val Image: S076-02-t10\_01.ppm

SIFT Matches: 108

AKAZE Matches: 65

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.244105132782256

Euclidean Distance AKAZE: 3.368539377617409

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.37))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S076/inliers\_S076-01-t10\_01.ppm\_S076-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S076/outliers\_S076-01-t10\_01.ppm\_S076-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S076/inliers\_S076-01-t10\_01.ppm\_S076-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S076/outliers\_S076-01-t10\_01.ppm\_S076-02-t10\_01.ppm.png

Label: S054

Train Image: S054-03-t10\_01.ppm

Val Image: S054-01-t10\_01.ppm

SIFT Matches: 45

AKAZE Matches: 16

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.555502715215588

Euclidean Distance AKAZE: 1.52982054461517

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.53))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S054/inliers\_S054-03-t10\_01.ppm\_S054-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S054/outliers\_S054-03-t10\_01.ppm\_S054-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S054/inliers\_S054-03-t10\_01.ppm\_S054-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S054/outliers\_S054-03-t10\_01.ppm\_S054-01-t10\_01.ppm.png

Label: S054

Train Image: S054-02-t10\_01.ppm

Val Image: S054-01-t10\_01.ppm

SIFT Matches: 42

AKAZE Matches: 18

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.956467631530049

Euclidean Distance AKAZE: 1.497496471368138

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.50))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S054/inliers\_S054-02-t10\_01.ppm\_S054-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S054/outliers\_S054-02-t10\_01.ppm\_S054-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S054/inliers\_S054-02-t10\_01.ppm\_S054-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S054/outliers\_S054-02-t10\_01.ppm\_S054-01-t10\_01.ppm.png

Label: S065

Train Image: S065-02-t10\_01.ppm

Val Image: S065-01-t10\_01.ppm

SIFT Matches: 167

AKAZE Matches: 106

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.295575438285777

Euclidean Distance AKAZE: 4.406757866260686

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.41))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S065/inliers\_S065-02-t10\_01.ppm\_S065-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S065/outliers\_S065-02-t10\_01.ppm\_S065-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S065/inliers\_S065-02-t10\_01.ppm\_S065-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S065/outliers\_S065-02-t10\_01.ppm\_S065-01-t10\_01.ppm.png

Label: S073

Train Image: S073-01-t10\_02.ppm

Val Image: S073-01-t10\_01.ppm

SIFT Matches: 116

AKAZE Matches: 57

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.526604653269748

Euclidean Distance AKAZE: 3.134957221061334

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.13))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S073/inliers\_S073-01-t10\_02.ppm\_S073-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S073/outliers\_S073-01-t10\_02.ppm\_S073-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S073/inliers\_S073-01-t10\_02.ppm\_S073-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S073/outliers\_S073-01-t10\_02.ppm\_S073-01-t10\_01.ppm.png

Label: S069

Train Image: S069-02-t10\_01.ppm

Val Image: S069-01-t10\_01.ppm

SIFT Matches: 66

AKAZE Matches: 23

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.46493845585113

Euclidean Distance AKAZE: 2.272929734803983

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.27))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S069/inliers\_S069-02-t10\_01.ppm\_S069-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S069/outliers\_S069-02-t10\_01.ppm\_S069-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S069/inliers\_S069-02-t10\_01.ppm\_S069-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S069/outliers\_S069-02-t10\_01.ppm\_S069-01-t10\_01.ppm.png

Label: S108

Train Image: S108-04-t10\_01.ppm

Val Image: S108-02-t10\_01.ppm

SIFT Matches: 125

AKAZE Matches: 85

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.66854638303804

Euclidean Distance AKAZE: 3.942684865306427

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.94))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S108/inliers\_S108-04-t10\_01.ppm\_S108-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S108/outliers\_S108-04-t10\_01.ppm\_S108-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S108/inliers\_S108-04-t10\_01.ppm\_S108-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S108/outliers\_S108-04-t10\_01.ppm\_S108-02-t10\_01.ppm.png

Label: S108

Train Image: S108-01-t10\_01.ppm

Val Image: S108-02-t10\_01.ppm

SIFT Matches: 93

AKAZE Matches: 55

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.159576581192245

Euclidean Distance AKAZE: 3.2424471006344

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.24))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S108/inliers\_S108-01-t10\_01.ppm\_S108-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S108/outliers\_S108-01-t10\_01.ppm\_S108-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S108/inliers\_S108-01-t10\_01.ppm\_S108-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S108/outliers\_S108-01-t10\_01.ppm\_S108-02-t10\_01.ppm.png

Label: S108

Train Image: S108-03-t10\_01.ppm

Val Image: S108-02-t10\_01.ppm

SIFT Matches: 131

AKAZE Matches: 88

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.301070371862444

Euclidean Distance AKAZE: 3.772438774826365

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.77))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S108/inliers\_S108-03-t10\_01.ppm\_S108-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S108/outliers\_S108-03-t10\_01.ppm\_S108-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S108/inliers\_S108-03-t10\_01.ppm\_S108-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S108/outliers\_S108-03-t10\_01.ppm\_S108-02-t10\_01.ppm.png

Label: S078

Train Image: S078-02-t10\_02.ppm

Val Image: S078-01-t10\_01.ppm

SIFT Matches: 245

AKAZE Matches: 91

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.42711077899893

Euclidean Distance AKAZE: 4.074765080860579

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.07))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S078/inliers\_S078-02-t10\_02.ppm\_S078-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S078/outliers\_S078-02-t10\_02.ppm\_S078-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S078/inliers\_S078-02-t10\_02.ppm\_S078-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S078/outliers\_S078-02-t10\_02.ppm\_S078-01-t10\_01.ppm.png

Label: S078

Train Image: S078-02-t10\_02.ppm

Val Image: S078-02-t10\_01.ppm

SIFT Matches: 244

AKAZE Matches: 99

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.339944776021023

Euclidean Distance AKAZE: 4.07497528761388

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.07))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S078/inliers\_S078-02-t10\_02.ppm\_S078-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S078/outliers\_S078-02-t10\_02.ppm\_S078-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S078/inliers\_S078-02-t10\_02.ppm\_S078-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S078/outliers\_S078-02-t10\_02.ppm\_S078-02-t10\_01.ppm.png

Label: S078

Train Image: S078-03-t10\_01.ppm

Val Image: S078-01-t10\_01.ppm

SIFT Matches: 106

AKAZE Matches: 67

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.715215429926436

Euclidean Distance AKAZE: 3.255234931043777

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.26))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S078/inliers\_S078-03-t10\_01.ppm\_S078-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S078/outliers\_S078-03-t10\_01.ppm\_S078-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S078/inliers\_S078-03-t10\_01.ppm\_S078-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S078/outliers\_S078-03-t10\_01.ppm\_S078-01-t10\_01.ppm.png

Label: S078

Train Image: S078-03-t10\_01.ppm

Val Image: S078-02-t10\_01.ppm

SIFT Matches: 93

AKAZE Matches: 67

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.674034577117145

Euclidean Distance AKAZE: 3.16098478559549

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.16))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S078/inliers\_S078-03-t10\_01.ppm\_S078-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S078/outliers\_S078-03-t10\_01.ppm\_S078-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S078/inliers\_S078-03-t10\_01.ppm\_S078-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S078/outliers\_S078-03-t10\_01.ppm\_S078-02-t10\_01.ppm.png

Label: S078

Train Image: S078-04-t10\_01.ppm

Val Image: S078-01-t10\_01.ppm

SIFT Matches: 95

AKAZE Matches: 72

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.756139010044394

Euclidean Distance AKAZE: 3.374391356446504

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.37))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S078/inliers\_S078-04-t10\_01.ppm\_S078-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S078/outliers\_S078-04-t10\_01.ppm\_S078-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S078/inliers\_S078-04-t10\_01.ppm\_S078-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S078/outliers\_S078-04-t10\_01.ppm\_S078-01-t10\_01.ppm.png

Label: S078

Train Image: S078-04-t10\_01.ppm

Val Image: S078-02-t10\_01.ppm

SIFT Matches: 87

AKAZE Matches: 64

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.762995880993765

Euclidean Distance AKAZE: 3.438731921797896

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.44))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S078/inliers\_S078-04-t10\_01.ppm\_S078-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S078/outliers\_S078-04-t10\_01.ppm\_S078-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S078/inliers\_S078-04-t10\_01.ppm\_S078-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S078/outliers\_S078-04-t10\_01.ppm\_S078-02-t10\_01.ppm.png

Label: S098

Train Image: S098-02-t10\_01.ppm

Val Image: S098-01-t10\_01.ppm

SIFT Matches: 136

AKAZE Matches: 79

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.655156428799781

Euclidean Distance AKAZE: 3.593174907253175

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.59))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S098/inliers\_S098-02-t10\_01.ppm\_S098-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S098/outliers\_S098-02-t10\_01.ppm\_S098-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S098/inliers\_S098-02-t10\_01.ppm\_S098-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S098/outliers\_S098-02-t10\_01.ppm\_S098-01-t10\_01.ppm.png

Label: S095

Train Image: S095-02-t10\_01.ppm

Val Image: S095-01-t10\_01.ppm

SIFT Matches: 193

AKAZE Matches: 136

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.374810209192425

Euclidean Distance AKAZE: 4.584208236169096

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.58))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S095/inliers\_S095-02-t10\_01.ppm\_S095-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S095/outliers\_S095-02-t10\_01.ppm\_S095-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S095/inliers\_S095-02-t10\_01.ppm\_S095-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S095/outliers\_S095-02-t10\_01.ppm\_S095-01-t10\_01.ppm.png

Label: S096

Train Image: S096-01-t10\_01.ppm

Val Image: S096-02-t10\_01.ppm

SIFT Matches: 95

AKAZE Matches: 52

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.077975093950711

Euclidean Distance AKAZE: 2.955905626175625

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.96))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S096/inliers\_S096-01-t10\_01.ppm\_S096-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S096/outliers\_S096-01-t10\_01.ppm\_S096-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S096/inliers\_S096-01-t10\_01.ppm\_S096-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S096/outliers\_S096-01-t10\_01.ppm\_S096-02-t10\_01.ppm.png

Label: S093

Train Image: S093-01-t10\_01.ppm

Val Image: S093-02-t10\_01.ppm

SIFT Matches: 460

AKAZE Matches: 117

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 8.617007543459335

Euclidean Distance AKAZE: 4.253955524946964

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.25))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S093/inliers\_S093-01-t10\_01.ppm\_S093-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S093/outliers\_S093-01-t10\_01.ppm\_S093-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S093/inliers\_S093-01-t10\_01.ppm\_S093-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S093/outliers\_S093-01-t10\_01.ppm\_S093-02-t10\_01.ppm.png

Label: S101

Train Image: S101-02-t10\_01.ppm

Val Image: S101-01-t10\_01.ppm

SIFT Matches: 67

AKAZE Matches: 37

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.311443550846751

Euclidean Distance AKAZE: 2.89836128154113

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.90))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S101/inliers\_S101-02-t10\_01.ppm\_S101-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S101/outliers\_S101-02-t10\_01.ppm\_S101-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S101/inliers\_S101-02-t10\_01.ppm\_S101-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S101/outliers\_S101-02-t10\_01.ppm\_S101-01-t10\_01.ppm.png

Label: S088

Train Image: S088-02-t10\_01.ppm

Val Image: S088-01-t10\_01.ppm

SIFT Matches: 98

AKAZE Matches: 54

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.749419268146002

Euclidean Distance AKAZE: 3.039825653827796

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.04))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S088/inliers\_S088-02-t10\_01.ppm\_S088-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S088/outliers\_S088-02-t10\_01.ppm\_S088-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S088/inliers\_S088-02-t10\_01.ppm\_S088-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S088/outliers\_S088-02-t10\_01.ppm\_S088-01-t10\_01.ppm.png

Label: S099

Train Image: S099-02-t10\_01.ppm

Val Image: S099-01-t10\_01.ppm

SIFT Matches: 58

AKAZE Matches: 41

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.897396473149123

Euclidean Distance AKAZE: 2.498271010432265

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.50))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S099/inliers\_S099-02-t10\_01.ppm\_S099-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S099/outliers\_S099-02-t10\_01.ppm\_S099-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S099/inliers\_S099-02-t10\_01.ppm\_S099-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S099/outliers\_S099-02-t10\_01.ppm\_S099-01-t10\_01.ppm.png

Label: S099

Train Image: S099-02-t10\_01.ppm

Val Image: S099-03-t10\_01.ppm

SIFT Matches: 163

AKAZE Matches: 114

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.229741371826025

Euclidean Distance AKAZE: 4.54889125584895

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.55))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S099/inliers\_S099-02-t10\_01.ppm\_S099-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S099/outliers\_S099-02-t10\_01.ppm\_S099-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S099/inliers\_S099-02-t10\_01.ppm\_S099-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S099/outliers\_S099-02-t10\_01.ppm\_S099-03-t10\_01.ppm.png

Label: S085

Train Image: S085-01-t10\_01.ppm

Val Image: S085-01-t10\_03.ppm

SIFT Matches: 710

AKAZE Matches: 103

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 10.80678924109536

Euclidean Distance AKAZE: 4.057401657910687

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.06))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S085/inliers\_S085-01-t10\_01.ppm\_S085-01-t10\_03.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S085/outliers\_S085-01-t10\_01.ppm\_S085-01-t10\_03.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S085/inliers\_S085-01-t10\_01.ppm\_S085-01-t10\_03.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S085/outliers\_S085-01-t10\_01.ppm\_S085-01-t10\_03.ppm.png

Label: S085

Train Image: S085-01-t10\_02.ppm

Val Image: S085-01-t10\_03.ppm

SIFT Matches: 660

AKAZE Matches: 94

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 10.65342976128024

Euclidean Distance AKAZE: 3.689700484985009

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.69))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S085/inliers\_S085-01-t10\_02.ppm\_S085-01-t10\_03.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S085/outliers\_S085-01-t10\_02.ppm\_S085-01-t10\_03.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S085/inliers\_S085-01-t10\_02.ppm\_S085-01-t10\_03.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S085/outliers\_S085-01-t10\_02.ppm\_S085-01-t10\_03.ppm.png

Label: S133

Train Image: S133-03-t10\_01.ppm

Val Image: S133-01-t10\_01.ppm

SIFT Matches: 77

AKAZE Matches: 38

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.627404721524913

Euclidean Distance AKAZE: 2.343275447112444

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.34))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S133/inliers\_S133-03-t10\_01.ppm\_S133-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S133/outliers\_S133-03-t10\_01.ppm\_S133-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S133/inliers\_S133-03-t10\_01.ppm\_S133-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S133/outliers\_S133-03-t10\_01.ppm\_S133-01-t10\_01.ppm.png

Label: S133

Train Image: S133-02-t10\_01.ppm

Val Image: S133-01-t10\_01.ppm

SIFT Matches: 76

AKAZE Matches: 41

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.122399874806998

Euclidean Distance AKAZE: 2.734410329669815

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.73))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S133/inliers\_S133-02-t10\_01.ppm\_S133-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S133/outliers\_S133-02-t10\_01.ppm\_S133-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S133/inliers\_S133-02-t10\_01.ppm\_S133-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S133/outliers\_S133-02-t10\_01.ppm\_S133-01-t10\_01.ppm.png

Label: S118

Train Image: S118-01-t10\_01.ppm

Val Image: S118-03-t10\_01.ppm

SIFT Matches: 80

AKAZE Matches: 36

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.933278001628954

Euclidean Distance AKAZE: 2.291606060971493

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.29))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S118/inliers\_S118-01-t10\_01.ppm\_S118-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S118/outliers\_S118-01-t10\_01.ppm\_S118-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S118/inliers\_S118-01-t10\_01.ppm\_S118-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S118/outliers\_S118-01-t10\_01.ppm\_S118-03-t10\_01.ppm.png

Label: S118

Train Image: S118-02-t10\_01.ppm

Val Image: S118-03-t10\_01.ppm

SIFT Matches: 44

AKAZE Matches: 32

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.544077366622589

Euclidean Distance AKAZE: 2.311077216163577

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.31))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S118/inliers\_S118-02-t10\_01.ppm\_S118-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S118/outliers\_S118-02-t10\_01.ppm\_S118-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S118/inliers\_S118-02-t10\_01.ppm\_S118-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S118/outliers\_S118-02-t10\_01.ppm\_S118-03-t10\_01.ppm.png

Label: S120

Train Image: S120-01-t10\_02.ppm

Val Image: S120-01-t10\_01.ppm

SIFT Matches: 247

AKAZE Matches: 67

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.72531765595149

Euclidean Distance AKAZE: 2.925111955425782

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.93))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S120/inliers\_S120-01-t10\_02.ppm\_S120-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S120/outliers\_S120-01-t10\_02.ppm\_S120-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S120/inliers\_S120-01-t10\_02.ppm\_S120-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S120/outliers\_S120-01-t10\_02.ppm\_S120-01-t10\_01.ppm.png

Label: S132

Train Image: S132-01-t10\_01.ppm

Val Image: S132-02-t10\_01.ppm

SIFT Matches: 574

AKAZE Matches: 296

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 10.12249735837792

Euclidean Distance AKAZE: 6.424166428221053

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (6.42))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S132/inliers\_S132-01-t10\_01.ppm\_S132-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S132/outliers\_S132-01-t10\_01.ppm\_S132-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S132/inliers\_S132-01-t10\_01.ppm\_S132-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S132/outliers\_S132-01-t10\_01.ppm\_S132-02-t10\_01.ppm.png

Label: S111

Train Image: S111-05-t10\_01.ppm

Val Image: S111-03-t10\_01.ppm

SIFT Matches: 88

AKAZE Matches: 43

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.773211602081612

Euclidean Distance AKAZE: 2.514687892880338

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.51))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S111/inliers\_S111-05-t10\_01.ppm\_S111-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S111/outliers\_S111-05-t10\_01.ppm\_S111-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S111/inliers\_S111-05-t10\_01.ppm\_S111-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S111/outliers\_S111-05-t10\_01.ppm\_S111-03-t10\_01.ppm.png

Label: S111

Train Image: S111-01-t10\_01.ppm

Val Image: S111-03-t10\_01.ppm

SIFT Matches: 80

AKAZE Matches: 42

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.548694572373081

Euclidean Distance AKAZE: 2.768380533539706

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.77))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S111/inliers\_S111-01-t10\_01.ppm\_S111-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S111/outliers\_S111-01-t10\_01.ppm\_S111-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S111/inliers\_S111-01-t10\_01.ppm\_S111-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S111/outliers\_S111-01-t10\_01.ppm\_S111-03-t10\_01.ppm.png

Label: S111

Train Image: S111-04-t10\_01.ppm

Val Image: S111-03-t10\_01.ppm

SIFT Matches: 129

AKAZE Matches: 44

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.644931825857984

Euclidean Distance AKAZE: 2.848847309444602

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.85))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S111/inliers\_S111-04-t10\_01.ppm\_S111-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S111/outliers\_S111-04-t10\_01.ppm\_S111-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S111/inliers\_S111-04-t10\_01.ppm\_S111-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S111/outliers\_S111-04-t10\_01.ppm\_S111-03-t10\_01.ppm.png

Label: S111

Train Image: S111-02-t10\_01.ppm

Val Image: S111-03-t10\_01.ppm

SIFT Matches: 76

AKAZE Matches: 53

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.421348282551526

Euclidean Distance AKAZE: 2.740904701617674

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.74))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S111/inliers\_S111-02-t10\_01.ppm\_S111-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S111/outliers\_S111-02-t10\_01.ppm\_S111-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S111/inliers\_S111-02-t10\_01.ppm\_S111-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S111/outliers\_S111-02-t10\_01.ppm\_S111-03-t10\_01.ppm.png

Label: S124

Train Image: S124-02-t10\_01.ppm

Val Image: S124-01-t10\_01.ppm

SIFT Matches: 78

AKAZE Matches: 59

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.279143628031533

Euclidean Distance AKAZE: 2.934175745723565

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.93))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S124/inliers\_S124-02-t10\_01.ppm\_S124-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S124/outliers\_S124-02-t10\_01.ppm\_S124-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S124/inliers\_S124-02-t10\_01.ppm\_S124-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S124/outliers\_S124-02-t10\_01.ppm\_S124-01-t10\_01.ppm.png

Label: S130

Train Image: S130-02-t10\_01.ppm

Val Image: S130-01-t10\_01.ppm

SIFT Matches: 109

AKAZE Matches: 53

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.06723132812784

Euclidean Distance AKAZE: 2.975759281559286

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.98))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S130/inliers\_S130-02-t10\_01.ppm\_S130-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S130/outliers\_S130-02-t10\_01.ppm\_S130-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S130/inliers\_S130-02-t10\_01.ppm\_S130-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S130/outliers\_S130-02-t10\_01.ppm\_S130-01-t10\_01.ppm.png

Label: S134

Train Image: S134-02-t10\_01.ppm

Val Image: S134-04-t10\_01.ppm

SIFT Matches: 100

AKAZE Matches: 94

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.999838621276349

Euclidean Distance AKAZE: 3.940931112270651

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.94))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/inliers\_S134-02-t10\_01.ppm\_S134-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/outliers\_S134-02-t10\_01.ppm\_S134-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/inliers\_S134-02-t10\_01.ppm\_S134-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/outliers\_S134-02-t10\_01.ppm\_S134-04-t10\_01.ppm.png

Label: S134

Train Image: S134-02-t10\_01.ppm

Val Image: S134-06-t10\_01.ppm

SIFT Matches: 66

AKAZE Matches: 64

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.702462274044408

Euclidean Distance AKAZE: 3.503986601493132

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (2.70))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/inliers\_S134-02-t10\_01.ppm\_S134-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/outliers\_S134-02-t10\_01.ppm\_S134-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/inliers\_S134-02-t10\_01.ppm\_S134-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/outliers\_S134-02-t10\_01.ppm\_S134-06-t10\_01.ppm.png

Label: S134

Train Image: S134-02-t10\_01.ppm

Val Image: S134-03-t10\_01.ppm

SIFT Matches: 84

AKAZE Matches: 81

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.792813522281769

Euclidean Distance AKAZE: 3.902551845894814

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.79))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/inliers\_S134-02-t10\_01.ppm\_S134-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/outliers\_S134-02-t10\_01.ppm\_S134-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/inliers\_S134-02-t10\_01.ppm\_S134-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/outliers\_S134-02-t10\_01.ppm\_S134-03-t10\_01.ppm.png

Label: S134

Train Image: S134-05-t10\_01.ppm

Val Image: S134-04-t10\_01.ppm

SIFT Matches: 83

AKAZE Matches: 53

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.339690805642454

Euclidean Distance AKAZE: 2.394921833621534

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.39))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/inliers\_S134-05-t10\_01.ppm\_S134-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/outliers\_S134-05-t10\_01.ppm\_S134-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/inliers\_S134-05-t10\_01.ppm\_S134-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/outliers\_S134-05-t10\_01.ppm\_S134-04-t10\_01.ppm.png

Label: S134

Train Image: S134-05-t10\_01.ppm

Val Image: S134-06-t10\_01.ppm

SIFT Matches: 61

AKAZE Matches: 52

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.148689947026538

Euclidean Distance AKAZE: 3.024629927608931

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.02))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/inliers\_S134-05-t10\_01.ppm\_S134-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/outliers\_S134-05-t10\_01.ppm\_S134-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/inliers\_S134-05-t10\_01.ppm\_S134-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/outliers\_S134-05-t10\_01.ppm\_S134-06-t10\_01.ppm.png

Label: S134

Train Image: S134-05-t10\_01.ppm

Val Image: S134-03-t10\_01.ppm

SIFT Matches: 66

AKAZE Matches: 46

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.456809716076878

Euclidean Distance AKAZE: 2.521534443758306

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.52))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/inliers\_S134-05-t10\_01.ppm\_S134-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/outliers\_S134-05-t10\_01.ppm\_S134-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/inliers\_S134-05-t10\_01.ppm\_S134-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/outliers\_S134-05-t10\_01.ppm\_S134-03-t10\_01.ppm.png

Label: S134

Train Image: S134-07-t10\_01.ppm

Val Image: S134-04-t10\_01.ppm

SIFT Matches: 163

AKAZE Matches: 132

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.221457887316129

Euclidean Distance AKAZE: 4.320655141408006

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.32))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/inliers\_S134-07-t10\_01.ppm\_S134-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/outliers\_S134-07-t10\_01.ppm\_S134-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/inliers\_S134-07-t10\_01.ppm\_S134-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/outliers\_S134-07-t10\_01.ppm\_S134-04-t10\_01.ppm.png

Label: S134

Train Image: S134-07-t10\_01.ppm

Val Image: S134-06-t10\_01.ppm

SIFT Matches: 97

AKAZE Matches: 83

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.936495191249635

Euclidean Distance AKAZE: 3.590978434651476

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.59))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/inliers\_S134-07-t10\_01.ppm\_S134-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/outliers\_S134-07-t10\_01.ppm\_S134-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/inliers\_S134-07-t10\_01.ppm\_S134-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/outliers\_S134-07-t10\_01.ppm\_S134-06-t10\_01.ppm.png

Label: S134

Train Image: S134-07-t10\_01.ppm

Val Image: S134-03-t10\_01.ppm

SIFT Matches: 115

AKAZE Matches: 90

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.284914020319062

Euclidean Distance AKAZE: 3.232698707526761

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.23))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/inliers\_S134-07-t10\_01.ppm\_S134-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/outliers\_S134-07-t10\_01.ppm\_S134-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/inliers\_S134-07-t10\_01.ppm\_S134-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/outliers\_S134-07-t10\_01.ppm\_S134-03-t10\_01.ppm.png

Label: S134

Train Image: S134-01-t10\_01.ppm

Val Image: S134-04-t10\_01.ppm

SIFT Matches: 154

AKAZE Matches: 90

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.197641590285137

Euclidean Distance AKAZE: 3.691312876152883

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.69))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/inliers\_S134-01-t10\_01.ppm\_S134-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/outliers\_S134-01-t10\_01.ppm\_S134-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/inliers\_S134-01-t10\_01.ppm\_S134-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/outliers\_S134-01-t10\_01.ppm\_S134-04-t10\_01.ppm.png

Label: S134

Train Image: S134-01-t10\_01.ppm

Val Image: S134-06-t10\_01.ppm

SIFT Matches: 89

AKAZE Matches: 87

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.814234195465767

Euclidean Distance AKAZE: 3.367975752718138

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.37))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/inliers\_S134-01-t10\_01.ppm\_S134-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/outliers\_S134-01-t10\_01.ppm\_S134-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/inliers\_S134-01-t10\_01.ppm\_S134-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/outliers\_S134-01-t10\_01.ppm\_S134-06-t10\_01.ppm.png

Label: S134

Train Image: S134-01-t10\_01.ppm

Val Image: S134-03-t10\_01.ppm

SIFT Matches: 98

AKAZE Matches: 72

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.857685386831693

Euclidean Distance AKAZE: 3.275410162278131

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.28))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/inliers\_S134-01-t10\_01.ppm\_S134-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/outliers\_S134-01-t10\_01.ppm\_S134-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/inliers\_S134-01-t10\_01.ppm\_S134-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/outliers\_S134-01-t10\_01.ppm\_S134-03-t10\_01.ppm.png

Label: S134

Train Image: S134-08-t10\_01.ppm

Val Image: S134-04-t10\_01.ppm

SIFT Matches: 101

AKAZE Matches: 68

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.117684523555646

Euclidean Distance AKAZE: 3.067730287313092

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.07))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/inliers\_S134-08-t10\_01.ppm\_S134-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/outliers\_S134-08-t10\_01.ppm\_S134-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/inliers\_S134-08-t10\_01.ppm\_S134-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/outliers\_S134-08-t10\_01.ppm\_S134-04-t10\_01.ppm.png

Label: S134

Train Image: S134-08-t10\_01.ppm

Val Image: S134-06-t10\_01.ppm

SIFT Matches: 67

AKAZE Matches: 60

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.290386721365737

Euclidean Distance AKAZE: 2.992343773580377

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.99))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/inliers\_S134-08-t10\_01.ppm\_S134-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/outliers\_S134-08-t10\_01.ppm\_S134-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/inliers\_S134-08-t10\_01.ppm\_S134-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/outliers\_S134-08-t10\_01.ppm\_S134-06-t10\_01.ppm.png

Label: S134

Train Image: S134-08-t10\_01.ppm

Val Image: S134-03-t10\_01.ppm

SIFT Matches: 73

AKAZE Matches: 52

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.49496410107271

Euclidean Distance AKAZE: 2.6345087108543

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.63))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/inliers\_S134-08-t10\_01.ppm\_S134-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S134/outliers\_S134-08-t10\_01.ppm\_S134-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/inliers\_S134-08-t10\_01.ppm\_S134-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S134/outliers\_S134-08-t10\_01.ppm\_S134-03-t10\_01.ppm.png

Label: S117

Train Image: S117-02-t10\_01.ppm

Val Image: S117-01-t10\_01.ppm

SIFT Matches: 60

AKAZE Matches: 32

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.139911478833746

Euclidean Distance AKAZE: 2.157575668623129

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.16))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S117/inliers\_S117-02-t10\_01.ppm\_S117-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S117/outliers\_S117-02-t10\_01.ppm\_S117-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S117/inliers\_S117-02-t10\_01.ppm\_S117-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S117/outliers\_S117-02-t10\_01.ppm\_S117-01-t10\_01.ppm.png

Label: S112

Train Image: S112-02-t10\_01.ppm

Val Image: S112-01-t10\_01.ppm

SIFT Matches: 103

AKAZE Matches: 66

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.277988475046896

Euclidean Distance AKAZE: 3.289978677828023

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.29))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S112/inliers\_S112-02-t10\_01.ppm\_S112-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S112/outliers\_S112-02-t10\_01.ppm\_S112-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S112/inliers\_S112-02-t10\_01.ppm\_S112-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S112/outliers\_S112-02-t10\_01.ppm\_S112-01-t10\_01.ppm.png

Label: S166

Train Image: S166-02-t10\_02.ppm

Val Image: S166-01-t10\_01.ppm

SIFT Matches: 134

AKAZE Matches: 53

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.783466647811997

Euclidean Distance AKAZE: 2.781427117450323

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.78))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S166/inliers\_S166-02-t10\_02.ppm\_S166-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S166/outliers\_S166-02-t10\_02.ppm\_S166-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S166/inliers\_S166-02-t10\_02.ppm\_S166-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S166/outliers\_S166-02-t10\_02.ppm\_S166-01-t10\_01.ppm.png

Label: S166

Train Image: S166-02-t10\_01.ppm

Val Image: S166-01-t10\_01.ppm

SIFT Matches: 150

AKAZE Matches: 48

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.419660818905985

Euclidean Distance AKAZE: 3.041651519672289

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.04))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S166/inliers\_S166-02-t10\_01.ppm\_S166-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S166/outliers\_S166-02-t10\_01.ppm\_S166-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S166/inliers\_S166-02-t10\_01.ppm\_S166-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S166/outliers\_S166-02-t10\_01.ppm\_S166-01-t10\_01.ppm.png

Label: S148

Train Image: S148-02-t10\_01.ppm

Val Image: S148-01-t10\_01.ppm

SIFT Matches: 22

AKAZE Matches: 12

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 1.548624177589037

Euclidean Distance AKAZE: 1.194839842237303

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.19))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S148/inliers\_S148-02-t10\_01.ppm\_S148-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S148/outliers\_S148-02-t10\_01.ppm\_S148-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S148/inliers\_S148-02-t10\_01.ppm\_S148-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S148/outliers\_S148-02-t10\_01.ppm\_S148-01-t10\_01.ppm.png

Label: S148

Train Image: S148-04-t10\_01.ppm

Val Image: S148-01-t10\_01.ppm

SIFT Matches: 22

AKAZE Matches: 13

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.102842768230313

Euclidean Distance AKAZE: 1.31344108196992

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.31))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S148/inliers\_S148-04-t10\_01.ppm\_S148-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S148/outliers\_S148-04-t10\_01.ppm\_S148-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S148/inliers\_S148-04-t10\_01.ppm\_S148-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S148/outliers\_S148-04-t10\_01.ppm\_S148-01-t10\_01.ppm.png

Label: S148

Train Image: S148-03-t10\_01.ppm

Val Image: S148-01-t10\_01.ppm

SIFT Matches: 18

AKAZE Matches: 13

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 1.595959771254912

Euclidean Distance AKAZE: 1.357833373409858

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.36))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S148/inliers\_S148-03-t10\_01.ppm\_S148-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S148/outliers\_S148-03-t10\_01.ppm\_S148-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S148/inliers\_S148-03-t10\_01.ppm\_S148-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S148/outliers\_S148-03-t10\_01.ppm\_S148-01-t10\_01.ppm.png

Label: S164

Train Image: S164-02-t10\_02.ppm

Val Image: S164-01-t10\_01.ppm

SIFT Matches: 41

AKAZE Matches: 23

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.86152948791583

Euclidean Distance AKAZE: 1.98147933097965

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.98))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S164/inliers\_S164-02-t10\_02.ppm\_S164-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S164/outliers\_S164-02-t10\_02.ppm\_S164-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S164/inliers\_S164-02-t10\_02.ppm\_S164-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S164/outliers\_S164-02-t10\_02.ppm\_S164-01-t10\_01.ppm.png

Label: S164

Train Image: S164-02-t10\_01.ppm

Val Image: S164-01-t10\_01.ppm

SIFT Matches: 40

AKAZE Matches: 15

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.581783860947123

Euclidean Distance AKAZE: 1.152790105738814

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.15))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S164/inliers\_S164-02-t10\_01.ppm\_S164-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S164/outliers\_S164-02-t10\_01.ppm\_S164-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S164/inliers\_S164-02-t10\_01.ppm\_S164-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S164/outliers\_S164-02-t10\_01.ppm\_S164-01-t10\_01.ppm.png

Label: S150

Train Image: S150-01-t10\_01.ppm

Val Image: S150-02-t10\_01.ppm

SIFT Matches: 35

AKAZE Matches: 13

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.666269060254168

Euclidean Distance AKAZE: 1.700674087485345

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.70))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S150/inliers\_S150-01-t10\_01.ppm\_S150-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S150/outliers\_S150-01-t10\_01.ppm\_S150-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S150/inliers\_S150-01-t10\_01.ppm\_S150-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S150/outliers\_S150-01-t10\_01.ppm\_S150-02-t10\_01.ppm.png

Label: S146

Train Image: S146-02-t10\_01.ppm

Val Image: S146-01-t10\_01.ppm

SIFT Matches: 58

AKAZE Matches: 24

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.016063808754213

Euclidean Distance AKAZE: 2.392173881408244

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.39))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S146/inliers\_S146-02-t10\_01.ppm\_S146-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S146/outliers\_S146-02-t10\_01.ppm\_S146-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S146/inliers\_S146-02-t10\_01.ppm\_S146-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S146/outliers\_S146-02-t10\_01.ppm\_S146-01-t10\_01.ppm.png

Label: S145

Train Image: S145-01-t10\_02.ppm

Val Image: S145-01-t10\_01.ppm

SIFT Matches: 158

AKAZE Matches: 56

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.968461868502226

Euclidean Distance AKAZE: 2.840661243724989

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.84))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S145/inliers\_S145-01-t10\_02.ppm\_S145-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S145/outliers\_S145-01-t10\_02.ppm\_S145-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S145/inliers\_S145-01-t10\_02.ppm\_S145-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S145/outliers\_S145-01-t10\_02.ppm\_S145-01-t10\_01.ppm.png

Label: S138

Train Image: S138-02-t10\_01.ppm

Val Image: S138-01-t10\_01.ppm

SIFT Matches: 62

AKAZE Matches: 75

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.023520616862394

Euclidean Distance AKAZE: 3.429750591993343

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.02))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S138/inliers\_S138-02-t10\_01.ppm\_S138-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S138/outliers\_S138-02-t10\_01.ppm\_S138-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S138/inliers\_S138-02-t10\_01.ppm\_S138-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S138/outliers\_S138-02-t10\_01.ppm\_S138-01-t10\_01.ppm.png

Label: S163

Train Image: S163-02-t10\_01.ppm

Val Image: S163-01-t10\_01.ppm

SIFT Matches: 115

AKAZE Matches: 53

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.030990115193169

Euclidean Distance AKAZE: 3.055210170914999

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.06))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S163/inliers\_S163-02-t10\_01.ppm\_S163-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S163/outliers\_S163-02-t10\_01.ppm\_S163-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S163/inliers\_S163-02-t10\_01.ppm\_S163-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S163/outliers\_S163-02-t10\_01.ppm\_S163-01-t10\_01.ppm.png

Label: S142

Train Image: S142-05-t10\_01.ppm

Val Image: S142-01-t10\_01.ppm

SIFT Matches: 80

AKAZE Matches: 42

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.565695901025198

Euclidean Distance AKAZE: 2.507947541385771

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.51))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S142/inliers\_S142-05-t10\_01.ppm\_S142-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S142/outliers\_S142-05-t10\_01.ppm\_S142-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S142/inliers\_S142-05-t10\_01.ppm\_S142-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S142/outliers\_S142-05-t10\_01.ppm\_S142-01-t10\_01.ppm.png

Label: S142

Train Image: S142-05-t10\_01.ppm

Val Image: S142-06-t10\_01.ppm

SIFT Matches: 60

AKAZE Matches: 40

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.766128900785431

Euclidean Distance AKAZE: 2.28398870577661

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.28))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S142/inliers\_S142-05-t10\_01.ppm\_S142-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S142/outliers\_S142-05-t10\_01.ppm\_S142-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S142/inliers\_S142-05-t10\_01.ppm\_S142-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S142/outliers\_S142-05-t10\_01.ppm\_S142-06-t10\_01.ppm.png

Label: S142

Train Image: S142-05-t10\_01.ppm

Val Image: S142-03-t10\_01.ppm

SIFT Matches: 63

AKAZE Matches: 35

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.856833391740587

Euclidean Distance AKAZE: 2.093855845862878

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.09))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S142/inliers\_S142-05-t10\_01.ppm\_S142-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S142/outliers\_S142-05-t10\_01.ppm\_S142-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S142/inliers\_S142-05-t10\_01.ppm\_S142-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S142/outliers\_S142-05-t10\_01.ppm\_S142-03-t10\_01.ppm.png

Label: S142

Train Image: S142-05-t10\_01.ppm

Val Image: S142-02-t10\_01.ppm

SIFT Matches: 56

AKAZE Matches: 34

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.562285915387775

Euclidean Distance AKAZE: 2.435826639677157

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.44))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S142/inliers\_S142-05-t10\_01.ppm\_S142-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S142/outliers\_S142-05-t10\_01.ppm\_S142-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S142/inliers\_S142-05-t10\_01.ppm\_S142-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S142/outliers\_S142-05-t10\_01.ppm\_S142-02-t10\_01.ppm.png

Label: S142

Train Image: S142-04-t10\_01.ppm

Val Image: S142-01-t10\_01.ppm

SIFT Matches: 125

AKAZE Matches: 61

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.598287690914514

Euclidean Distance AKAZE: 2.947853017756578

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.95))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S142/inliers\_S142-04-t10\_01.ppm\_S142-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S142/outliers\_S142-04-t10\_01.ppm\_S142-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S142/inliers\_S142-04-t10\_01.ppm\_S142-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S142/outliers\_S142-04-t10\_01.ppm\_S142-01-t10\_01.ppm.png

Label: S142

Train Image: S142-04-t10\_01.ppm

Val Image: S142-06-t10\_01.ppm

SIFT Matches: 69

AKAZE Matches: 43

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.582654574325825

Euclidean Distance AKAZE: 2.468761860400539

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.47))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S142/inliers\_S142-04-t10\_01.ppm\_S142-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S142/outliers\_S142-04-t10\_01.ppm\_S142-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S142/inliers\_S142-04-t10\_01.ppm\_S142-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S142/outliers\_S142-04-t10\_01.ppm\_S142-06-t10\_01.ppm.png

Label: S142

Train Image: S142-04-t10\_01.ppm

Val Image: S142-03-t10\_01.ppm

SIFT Matches: 86

AKAZE Matches: 56

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.733485715930239

Euclidean Distance AKAZE: 2.94438533938503

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.94))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S142/inliers\_S142-04-t10\_01.ppm\_S142-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S142/outliers\_S142-04-t10\_01.ppm\_S142-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S142/inliers\_S142-04-t10\_01.ppm\_S142-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S142/outliers\_S142-04-t10\_01.ppm\_S142-03-t10\_01.ppm.png

Label: S142

Train Image: S142-04-t10\_01.ppm

Val Image: S142-02-t10\_01.ppm

SIFT Matches: 75

AKAZE Matches: 46

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.605142850434411

Euclidean Distance AKAZE: 2.653375886877292

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.65))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S142/inliers\_S142-04-t10\_01.ppm\_S142-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S142/outliers\_S142-04-t10\_01.ppm\_S142-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S142/inliers\_S142-04-t10\_01.ppm\_S142-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S142/outliers\_S142-04-t10\_01.ppm\_S142-02-t10\_01.ppm.png

Label: S142

Train Image: S142-07-t10\_01.ppm

Val Image: S142-01-t10\_01.ppm

SIFT Matches: 121

AKAZE Matches: 67

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.695947343072262

Euclidean Distance AKAZE: 3.138535096276793

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.14))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S142/inliers\_S142-07-t10\_01.ppm\_S142-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S142/outliers\_S142-07-t10\_01.ppm\_S142-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S142/inliers\_S142-07-t10\_01.ppm\_S142-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S142/outliers\_S142-07-t10\_01.ppm\_S142-01-t10\_01.ppm.png

Label: S142

Train Image: S142-07-t10\_01.ppm

Val Image: S142-06-t10\_01.ppm

SIFT Matches: 67

AKAZE Matches: 47

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.120359096041805

Euclidean Distance AKAZE: 2.916154665983992

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.92))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S142/inliers\_S142-07-t10\_01.ppm\_S142-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S142/outliers\_S142-07-t10\_01.ppm\_S142-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S142/inliers\_S142-07-t10\_01.ppm\_S142-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S142/outliers\_S142-07-t10\_01.ppm\_S142-06-t10\_01.ppm.png

Label: S142

Train Image: S142-07-t10\_01.ppm

Val Image: S142-03-t10\_01.ppm

SIFT Matches: 91

AKAZE Matches: 54

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.809304743365208

Euclidean Distance AKAZE: 2.673260463219521

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.67))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S142/inliers\_S142-07-t10\_01.ppm\_S142-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S142/outliers\_S142-07-t10\_01.ppm\_S142-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S142/inliers\_S142-07-t10\_01.ppm\_S142-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S142/outliers\_S142-07-t10\_01.ppm\_S142-03-t10\_01.ppm.png

Label: S142

Train Image: S142-07-t10\_01.ppm

Val Image: S142-02-t10\_01.ppm

SIFT Matches: 81

AKAZE Matches: 47

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.097287137696161

Euclidean Distance AKAZE: 2.621533381089701

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.62))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S142/inliers\_S142-07-t10\_01.ppm\_S142-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S142/outliers\_S142-07-t10\_01.ppm\_S142-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S142/inliers\_S142-07-t10\_01.ppm\_S142-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S142/outliers\_S142-07-t10\_01.ppm\_S142-02-t10\_01.ppm.png

Label: S153

Train Image: S153-01-t10\_01.ppm

Val Image: S153-02-t10\_01.ppm

SIFT Matches: 51

AKAZE Matches: 41

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.969837813958702

Euclidean Distance AKAZE: 2.472327144287858

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.47))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S153/inliers\_S153-01-t10\_01.ppm\_S153-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S153/outliers\_S153-01-t10\_01.ppm\_S153-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S153/inliers\_S153-01-t10\_01.ppm\_S153-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S153/outliers\_S153-01-t10\_01.ppm\_S153-02-t10\_01.ppm.png

Label: S180

Train Image: S180-01-t10\_02.ppm

Val Image: S180-01-t10\_01.ppm

SIFT Matches: 685

AKAZE Matches: 266

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 8.470152960680618

Euclidean Distance AKAZE: 6.272493589703021

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (6.27))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S180/inliers\_S180-01-t10\_02.ppm\_S180-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S180/outliers\_S180-01-t10\_02.ppm\_S180-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S180/inliers\_S180-01-t10\_02.ppm\_S180-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S180/outliers\_S180-01-t10\_02.ppm\_S180-01-t10\_01.ppm.png

Label: S191

Train Image: S191-01-t10\_01.ppm

Val Image: S191-02-t10\_01.ppm

SIFT Matches: 198

AKAZE Matches: 49

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.87578406012393

Euclidean Distance AKAZE: 2.551267168953725

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.55))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S191/inliers\_S191-01-t10\_01.ppm\_S191-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S191/outliers\_S191-01-t10\_01.ppm\_S191-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S191/inliers\_S191-01-t10\_01.ppm\_S191-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S191/outliers\_S191-01-t10\_01.ppm\_S191-02-t10\_01.ppm.png

Label: S190

Train Image: S190-01-t10\_01.ppm

Val Image: S190-02-t10\_01.ppm

SIFT Matches: 154

AKAZE Matches: 84

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.18932665068512

Euclidean Distance AKAZE: 3.559164106597245

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.56))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S190/inliers\_S190-01-t10\_01.ppm\_S190-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S190/outliers\_S190-01-t10\_01.ppm\_S190-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S190/inliers\_S190-01-t10\_01.ppm\_S190-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S190/outliers\_S190-01-t10\_01.ppm\_S190-02-t10\_01.ppm.png

Label: S190

Train Image: S190-01-t10\_01.ppm

Val Image: S190-03-t10\_01.ppm

SIFT Matches: 125

AKAZE Matches: 62

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.533576079284148

Euclidean Distance AKAZE: 3.340439379227987

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.34))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S190/inliers\_S190-01-t10\_01.ppm\_S190-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S190/outliers\_S190-01-t10\_01.ppm\_S190-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S190/inliers\_S190-01-t10\_01.ppm\_S190-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S190/outliers\_S190-01-t10\_01.ppm\_S190-03-t10\_01.ppm.png

Label: S173

Train Image: S173-02-t10\_01.ppm

Val Image: S173-01-t10\_01.ppm

SIFT Matches: 272

AKAZE Matches: 68

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.681802754315086

Euclidean Distance AKAZE: 3.365900829526959

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.37))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S173/inliers\_S173-02-t10\_01.ppm\_S173-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S173/outliers\_S173-02-t10\_01.ppm\_S173-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S173/inliers\_S173-02-t10\_01.ppm\_S173-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S173/outliers\_S173-02-t10\_01.ppm\_S173-01-t10\_01.ppm.png

Label: S171

Train Image: S171-05-t10\_01.ppm

Val Image: S171-01-t10\_01.ppm

SIFT Matches: 180

AKAZE Matches: 108

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.507571200193843

Euclidean Distance AKAZE: 3.736952376934397

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.74))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S171/inliers\_S171-05-t10\_01.ppm\_S171-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S171/outliers\_S171-05-t10\_01.ppm\_S171-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S171/inliers\_S171-05-t10\_01.ppm\_S171-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S171/outliers\_S171-05-t10\_01.ppm\_S171-01-t10\_01.ppm.png

Label: S171

Train Image: S171-07-t10\_01.ppm

Val Image: S171-01-t10\_01.ppm

SIFT Matches: 110

AKAZE Matches: 60

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.800387250529882

Euclidean Distance AKAZE: 3.121406701168014

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.12))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S171/inliers\_S171-07-t10\_01.ppm\_S171-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S171/outliers\_S171-07-t10\_01.ppm\_S171-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S171/inliers\_S171-07-t10\_01.ppm\_S171-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S171/outliers\_S171-07-t10\_01.ppm\_S171-01-t10\_01.ppm.png

Label: S171

Train Image: S171-04-t10\_01.ppm

Val Image: S171-01-t10\_01.ppm

SIFT Matches: 99

AKAZE Matches: 70

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.446912066339384

Euclidean Distance AKAZE: 3.543270833441956

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.45))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S171/inliers\_S171-04-t10\_01.ppm\_S171-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S171/outliers\_S171-04-t10\_01.ppm\_S171-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S171/inliers\_S171-04-t10\_01.ppm\_S171-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S171/outliers\_S171-04-t10\_01.ppm\_S171-01-t10\_01.ppm.png

Label: S171

Train Image: S171-08-t10\_01.ppm

Val Image: S171-01-t10\_01.ppm

SIFT Matches: 102

AKAZE Matches: 49

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.150692599542571

Euclidean Distance AKAZE: 2.743815595807208

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.74))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S171/inliers\_S171-08-t10\_01.ppm\_S171-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S171/outliers\_S171-08-t10\_01.ppm\_S171-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S171/inliers\_S171-08-t10\_01.ppm\_S171-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S171/outliers\_S171-08-t10\_01.ppm\_S171-01-t10\_01.ppm.png

Label: S171

Train Image: S171-06-t10\_01.ppm

Val Image: S171-01-t10\_01.ppm

SIFT Matches: 139

AKAZE Matches: 88

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.129744977043027

Euclidean Distance AKAZE: 4.026845976392214

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.03))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S171/inliers\_S171-06-t10\_01.ppm\_S171-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S171/outliers\_S171-06-t10\_01.ppm\_S171-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S171/inliers\_S171-06-t10\_01.ppm\_S171-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S171/outliers\_S171-06-t10\_01.ppm\_S171-01-t10\_01.ppm.png

Label: S171

Train Image: S171-02-t10\_01.ppm

Val Image: S171-01-t10\_01.ppm

SIFT Matches: 122

AKAZE Matches: 68

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.395233471505906

Euclidean Distance AKAZE: 3.086031141094876

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.09))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S171/inliers\_S171-02-t10\_01.ppm\_S171-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S171/outliers\_S171-02-t10\_01.ppm\_S171-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S171/inliers\_S171-02-t10\_01.ppm\_S171-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S171/outliers\_S171-02-t10\_01.ppm\_S171-01-t10\_01.ppm.png

Label: S171

Train Image: S171-03-t10\_01.ppm

Val Image: S171-01-t10\_01.ppm

SIFT Matches: 70

AKAZE Matches: 64

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.625759244427782

Euclidean Distance AKAZE: 3.152822132073952

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.15))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S171/inliers\_S171-03-t10\_01.ppm\_S171-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S171/outliers\_S171-03-t10\_01.ppm\_S171-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S171/inliers\_S171-03-t10\_01.ppm\_S171-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S171/outliers\_S171-03-t10\_01.ppm\_S171-01-t10\_01.ppm.png

Label: S194

Train Image: S194-02-t10\_01.ppm

Val Image: S194-01-t10\_01.ppm

SIFT Matches: 105

AKAZE Matches: 48

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.381293155506404

Euclidean Distance AKAZE: 2.510571780608367

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.51))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S194/inliers\_S194-02-t10\_01.ppm\_S194-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S194/outliers\_S194-02-t10\_01.ppm\_S194-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S194/inliers\_S194-02-t10\_01.ppm\_S194-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S194/outliers\_S194-02-t10\_01.ppm\_S194-01-t10\_01.ppm.png

Label: S182

Train Image: S182-02-t10\_01.ppm

Val Image: S182-01-t10\_01.ppm

SIFT Matches: 25

AKAZE Matches: 10

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 1.896651289840003

Euclidean Distance AKAZE: 1.525625235496735

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.53))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S182/inliers\_S182-02-t10\_01.ppm\_S182-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S182/outliers\_S182-02-t10\_01.ppm\_S182-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S182/inliers\_S182-02-t10\_01.ppm\_S182-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S182/outliers\_S182-02-t10\_01.ppm\_S182-01-t10\_01.ppm.png

Label: S182

Train Image: S182-02-t10\_02.ppm

Val Image: S182-01-t10\_01.ppm

SIFT Matches: 25

AKAZE Matches: 14

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.046982920071211

Euclidean Distance AKAZE: 1.844143541399766

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.84))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S182/inliers\_S182-02-t10\_02.ppm\_S182-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S182/outliers\_S182-02-t10\_02.ppm\_S182-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S182/inliers\_S182-02-t10\_02.ppm\_S182-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S182/outliers\_S182-02-t10\_02.ppm\_S182-01-t10\_01.ppm.png

Label: S185

Train Image: S185-01-t10\_01.ppm

Val Image: S185-04-t10\_01.ppm

SIFT Matches: 47

AKAZE Matches: 27

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.653376741853384

Euclidean Distance AKAZE: 1.781514179029103

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.78))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S185/inliers\_S185-01-t10\_01.ppm\_S185-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S185/outliers\_S185-01-t10\_01.ppm\_S185-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S185/inliers\_S185-01-t10\_01.ppm\_S185-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S185/outliers\_S185-01-t10\_01.ppm\_S185-04-t10\_01.ppm.png

Label: S185

Train Image: S185-03-t10\_01.ppm

Val Image: S185-04-t10\_01.ppm

SIFT Matches: 34

AKAZE Matches: 21

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 1.997587938393117

Euclidean Distance AKAZE: 2.177868037430377

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (2.00))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S185/inliers\_S185-03-t10\_01.ppm\_S185-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S185/outliers\_S185-03-t10\_01.ppm\_S185-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S185/inliers\_S185-03-t10\_01.ppm\_S185-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S185/outliers\_S185-03-t10\_01.ppm\_S185-04-t10\_01.ppm.png

Label: S185

Train Image: S185-02-t10\_01.ppm

Val Image: S185-04-t10\_01.ppm

SIFT Matches: 52

AKAZE Matches: 28

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.591843759299319

Euclidean Distance AKAZE: 1.960570511904222

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.96))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S185/inliers\_S185-02-t10\_01.ppm\_S185-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S185/outliers\_S185-02-t10\_01.ppm\_S185-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S185/inliers\_S185-02-t10\_01.ppm\_S185-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S185/outliers\_S185-02-t10\_01.ppm\_S185-04-t10\_01.ppm.png

Label: S174

Train Image: S174-04-t10\_01.ppm

Val Image: S174-03-t10\_01.ppm

SIFT Matches: 171

AKAZE Matches: 90

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.332030604920646

Euclidean Distance AKAZE: 3.617596194988586

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.62))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S174/inliers\_S174-04-t10\_01.ppm\_S174-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S174/outliers\_S174-04-t10\_01.ppm\_S174-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S174/inliers\_S174-04-t10\_01.ppm\_S174-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S174/outliers\_S174-04-t10\_01.ppm\_S174-03-t10\_01.ppm.png

Label: S174

Train Image: S174-04-t10\_01.ppm

Val Image: S174-05-t10\_01.ppm

SIFT Matches: 136

AKAZE Matches: 73

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.44926427092716

Euclidean Distance AKAZE: 3.517409212130277

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.52))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S174/inliers\_S174-04-t10\_01.ppm\_S174-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S174/outliers\_S174-04-t10\_01.ppm\_S174-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S174/inliers\_S174-04-t10\_01.ppm\_S174-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S174/outliers\_S174-04-t10\_01.ppm\_S174-05-t10\_01.ppm.png

Label: S174

Train Image: S174-04-t10\_01.ppm

Val Image: S174-02-t10\_01.ppm

SIFT Matches: 119

AKAZE Matches: 70

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.644400243282525

Euclidean Distance AKAZE: 3.217063147911269

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.22))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S174/inliers\_S174-04-t10\_01.ppm\_S174-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S174/outliers\_S174-04-t10\_01.ppm\_S174-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S174/inliers\_S174-04-t10\_01.ppm\_S174-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S174/outliers\_S174-04-t10\_01.ppm\_S174-02-t10\_01.ppm.png

Label: S174

Train Image: S174-01-t10\_01.ppm

Val Image: S174-03-t10\_01.ppm

SIFT Matches: 180

AKAZE Matches: 102

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.790705209902903

Euclidean Distance AKAZE: 4.097256491478016

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.10))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S174/inliers\_S174-01-t10\_01.ppm\_S174-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S174/outliers\_S174-01-t10\_01.ppm\_S174-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S174/inliers\_S174-01-t10\_01.ppm\_S174-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S174/outliers\_S174-01-t10\_01.ppm\_S174-03-t10\_01.ppm.png

Label: S174

Train Image: S174-01-t10\_01.ppm

Val Image: S174-05-t10\_01.ppm

SIFT Matches: 163

AKAZE Matches: 87

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.330151326965585

Euclidean Distance AKAZE: 3.733765033979106

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.73))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S174/inliers\_S174-01-t10\_01.ppm\_S174-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S174/outliers\_S174-01-t10\_01.ppm\_S174-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S174/inliers\_S174-01-t10\_01.ppm\_S174-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S174/outliers\_S174-01-t10\_01.ppm\_S174-05-t10\_01.ppm.png

Label: S174

Train Image: S174-01-t10\_01.ppm

Val Image: S174-02-t10\_01.ppm

SIFT Matches: 119

AKAZE Matches: 76

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.439949459217147

Euclidean Distance AKAZE: 3.765390047697355

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.77))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S174/inliers\_S174-01-t10\_01.ppm\_S174-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S174/outliers\_S174-01-t10\_01.ppm\_S174-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S174/inliers\_S174-01-t10\_01.ppm\_S174-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S174/outliers\_S174-01-t10\_01.ppm\_S174-02-t10\_01.ppm.png

Label: S193

Train Image: S193-02-t10\_01.ppm

Val Image: S193-01-t10\_01.ppm

SIFT Matches: 130

AKAZE Matches: 89

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.722076953319774

Euclidean Distance AKAZE: 3.759721783613521

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.76))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S193/inliers\_S193-02-t10\_01.ppm\_S193-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S193/outliers\_S193-02-t10\_01.ppm\_S193-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S193/inliers\_S193-02-t10\_01.ppm\_S193-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S193/outliers\_S193-02-t10\_01.ppm\_S193-01-t10\_01.ppm.png

Label: S198

Train Image: S198-05-t10\_01.ppm

Val Image: S198-01-t10\_01.ppm

SIFT Matches: 43

AKAZE Matches: 22

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.756175795778724

Euclidean Distance AKAZE: 1.551200474849399

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.55))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S198/inliers\_S198-05-t10\_01.ppm\_S198-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S198/outliers\_S198-05-t10\_01.ppm\_S198-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S198/inliers\_S198-05-t10\_01.ppm\_S198-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S198/outliers\_S198-05-t10\_01.ppm\_S198-01-t10\_01.ppm.png

Label: S198

Train Image: S198-05-t10\_01.ppm

Val Image: S198-02-t10\_01.ppm

SIFT Matches: 42

AKAZE Matches: 25

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.5862643187449

Euclidean Distance AKAZE: 1.31961226441105

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.32))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S198/inliers\_S198-05-t10\_01.ppm\_S198-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S198/outliers\_S198-05-t10\_01.ppm\_S198-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S198/inliers\_S198-05-t10\_01.ppm\_S198-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S198/outliers\_S198-05-t10\_01.ppm\_S198-02-t10\_01.ppm.png

Label: S198

Train Image: S198-05-t10\_01.ppm

Val Image: S198-03-t10\_01.ppm

SIFT Matches: 82

AKAZE Matches: 51

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.778041724356427

Euclidean Distance AKAZE: 3.033738334310383

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.03))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S198/inliers\_S198-05-t10\_01.ppm\_S198-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S198/outliers\_S198-05-t10\_01.ppm\_S198-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S198/inliers\_S198-05-t10\_01.ppm\_S198-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S198/outliers\_S198-05-t10\_01.ppm\_S198-03-t10\_01.ppm.png

Label: S198

Train Image: S198-04-t10\_01.ppm

Val Image: S198-01-t10\_01.ppm

SIFT Matches: 58

AKAZE Matches: 20

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.419507262007889

Euclidean Distance AKAZE: 1.545308545232883

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.55))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S198/inliers\_S198-04-t10\_01.ppm\_S198-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S198/outliers\_S198-04-t10\_01.ppm\_S198-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S198/inliers\_S198-04-t10\_01.ppm\_S198-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S198/outliers\_S198-04-t10\_01.ppm\_S198-01-t10\_01.ppm.png

Label: S198

Train Image: S198-04-t10\_01.ppm

Val Image: S198-02-t10\_01.ppm

SIFT Matches: 36

AKAZE Matches: 25

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.610726291152309

Euclidean Distance AKAZE: 1.913016719661817

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.91))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S198/inliers\_S198-04-t10\_01.ppm\_S198-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S198/outliers\_S198-04-t10\_01.ppm\_S198-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S198/inliers\_S198-04-t10\_01.ppm\_S198-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S198/outliers\_S198-04-t10\_01.ppm\_S198-02-t10\_01.ppm.png

Label: S198

Train Image: S198-04-t10\_01.ppm

Val Image: S198-03-t10\_01.ppm

SIFT Matches: 99

AKAZE Matches: 56

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.338898261705896

Euclidean Distance AKAZE: 2.668723868729579

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.67))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S198/inliers\_S198-04-t10\_01.ppm\_S198-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S198/outliers\_S198-04-t10\_01.ppm\_S198-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S198/inliers\_S198-04-t10\_01.ppm\_S198-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S198/outliers\_S198-04-t10\_01.ppm\_S198-03-t10\_01.ppm.png

Label: S212

Train Image: S212-02-t10\_01.ppm

Val Image: S212-01-t10\_01.ppm

SIFT Matches: 83

AKAZE Matches: 73

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.698674306777499

Euclidean Distance AKAZE: 3.418254531749002

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.42))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S212/inliers\_S212-02-t10\_01.ppm\_S212-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S212/outliers\_S212-02-t10\_01.ppm\_S212-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S212/inliers\_S212-02-t10\_01.ppm\_S212-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S212/outliers\_S212-02-t10\_01.ppm\_S212-01-t10\_01.ppm.png

Label: S212

Train Image: S212-03-t10\_01.ppm

Val Image: S212-01-t10\_01.ppm

SIFT Matches: 94

AKAZE Matches: 65

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.175361931907054

Euclidean Distance AKAZE: 3.373818828774835

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.37))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S212/inliers\_S212-03-t10\_01.ppm\_S212-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S212/outliers\_S212-03-t10\_01.ppm\_S212-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S212/inliers\_S212-03-t10\_01.ppm\_S212-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S212/outliers\_S212-03-t10\_01.ppm\_S212-01-t10\_01.ppm.png

Label: S201

Train Image: S201-03-t10\_01.ppm

Val Image: S201-01-t10\_01.ppm

SIFT Matches: 149

AKAZE Matches: 86

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.268783479660494

Euclidean Distance AKAZE: 4.072024086487209

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.07))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S201/inliers\_S201-03-t10\_01.ppm\_S201-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S201/outliers\_S201-03-t10\_01.ppm\_S201-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S201/inliers\_S201-03-t10\_01.ppm\_S201-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S201/outliers\_S201-03-t10\_01.ppm\_S201-01-t10\_01.ppm.png

Label: S201

Train Image: S201-02-t10\_01.ppm

Val Image: S201-01-t10\_01.ppm

SIFT Matches: 138

AKAZE Matches: 76

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.439578068373261

Euclidean Distance AKAZE: 3.206096463985747

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.21))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S201/inliers\_S201-02-t10\_01.ppm\_S201-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S201/outliers\_S201-02-t10\_01.ppm\_S201-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S201/inliers\_S201-02-t10\_01.ppm\_S201-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S201/outliers\_S201-02-t10\_01.ppm\_S201-01-t10\_01.ppm.png

Label: S195

Train Image: S195-04-t10\_01.ppm

Val Image: S195-02-t10\_01.ppm

SIFT Matches: 94

AKAZE Matches: 62

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.905224649225383

Euclidean Distance AKAZE: 3.544426548063975

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.54))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S195/inliers\_S195-04-t10\_01.ppm\_S195-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S195/outliers\_S195-04-t10\_01.ppm\_S195-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S195/inliers\_S195-04-t10\_01.ppm\_S195-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S195/outliers\_S195-04-t10\_01.ppm\_S195-02-t10\_01.ppm.png

Label: S195

Train Image: S195-01-t10\_01.ppm

Val Image: S195-02-t10\_01.ppm

SIFT Matches: 140

AKAZE Matches: 103

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.60703203246068

Euclidean Distance AKAZE: 3.953370136148183

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.95))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S195/inliers\_S195-01-t10\_01.ppm\_S195-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S195/outliers\_S195-01-t10\_01.ppm\_S195-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S195/inliers\_S195-01-t10\_01.ppm\_S195-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S195/outliers\_S195-01-t10\_01.ppm\_S195-02-t10\_01.ppm.png

Label: S195

Train Image: S195-03-t10\_01.ppm

Val Image: S195-02-t10\_01.ppm

SIFT Matches: 133

AKAZE Matches: 99

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.125463899866759

Euclidean Distance AKAZE: 3.810060630062197

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.81))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S195/inliers\_S195-03-t10\_01.ppm\_S195-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S195/outliers\_S195-03-t10\_01.ppm\_S195-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S195/inliers\_S195-03-t10\_01.ppm\_S195-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S195/outliers\_S195-03-t10\_01.ppm\_S195-02-t10\_01.ppm.png

Label: S215

Train Image: S215-03-t10\_01.ppm

Val Image: S215-01-t10\_01.ppm

SIFT Matches: 74

AKAZE Matches: 24

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.489325122903034

Euclidean Distance AKAZE: 1.491794344780937

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.49))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S215/inliers\_S215-03-t10\_01.ppm\_S215-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S215/outliers\_S215-03-t10\_01.ppm\_S215-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S215/inliers\_S215-03-t10\_01.ppm\_S215-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S215/outliers\_S215-03-t10\_01.ppm\_S215-01-t10\_01.ppm.png

Label: S215

Train Image: S215-03-t10\_01.ppm

Val Image: S215-02-t10\_01.ppm

SIFT Matches: 89

AKAZE Matches: 50

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.446568013036127

Euclidean Distance AKAZE: 3.178608966143818

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.18))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S215/inliers\_S215-03-t10\_01.ppm\_S215-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S215/outliers\_S215-03-t10\_01.ppm\_S215-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S215/inliers\_S215-03-t10\_01.ppm\_S215-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S215/outliers\_S215-03-t10\_01.ppm\_S215-02-t10\_01.ppm.png

Label: S215

Train Image: S215-03-t10\_01.ppm

Val Image: S215-04-t10\_01.ppm

SIFT Matches: 106

AKAZE Matches: 65

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.174307318765417

Euclidean Distance AKAZE: 2.856600742678983

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.86))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S215/inliers\_S215-03-t10\_01.ppm\_S215-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S215/outliers\_S215-03-t10\_01.ppm\_S215-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S215/inliers\_S215-03-t10\_01.ppm\_S215-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S215/outliers\_S215-03-t10\_01.ppm\_S215-04-t10\_01.ppm.png

Label: S206

Train Image: S206-01-t10\_01.ppm

Val Image: S206-02-t10\_01.ppm

SIFT Matches: 221

AKAZE Matches: 107

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.44763642081768

Euclidean Distance AKAZE: 4.401690575514055

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.40))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S206/inliers\_S206-01-t10\_01.ppm\_S206-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S206/outliers\_S206-01-t10\_01.ppm\_S206-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S206/inliers\_S206-01-t10\_01.ppm\_S206-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S206/outliers\_S206-01-t10\_01.ppm\_S206-02-t10\_01.ppm.png

Label: S202

Train Image: S202-04-t10\_01.ppm

Val Image: S202-02-t10\_01.ppm

SIFT Matches: 202

AKAZE Matches: 103

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.267407575326525

Euclidean Distance AKAZE: 3.919586249438304

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.92))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S202/inliers\_S202-04-t10\_01.ppm\_S202-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S202/outliers\_S202-04-t10\_01.ppm\_S202-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S202/inliers\_S202-04-t10\_01.ppm\_S202-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S202/outliers\_S202-04-t10\_01.ppm\_S202-02-t10\_01.ppm.png

Label: S202

Train Image: S202-03-t10\_01.ppm

Val Image: S202-02-t10\_01.ppm

SIFT Matches: 253

AKAZE Matches: 115

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.097208270163628

Euclidean Distance AKAZE: 4.757070746637678

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.76))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S202/inliers\_S202-03-t10\_01.ppm\_S202-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S202/outliers\_S202-03-t10\_01.ppm\_S202-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S202/inliers\_S202-03-t10\_01.ppm\_S202-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S202/outliers\_S202-03-t10\_01.ppm\_S202-02-t10\_01.ppm.png

Label: S202

Train Image: S202-01-t10\_01.ppm

Val Image: S202-02-t10\_01.ppm

SIFT Matches: 181

AKAZE Matches: 103

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.08956872482505

Euclidean Distance AKAZE: 3.855535458429083

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.86))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S202/inliers\_S202-01-t10\_01.ppm\_S202-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S202/outliers\_S202-01-t10\_01.ppm\_S202-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S202/inliers\_S202-01-t10\_01.ppm\_S202-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S202/outliers\_S202-01-t10\_01.ppm\_S202-02-t10\_01.ppm.png

Label: S214

Train Image: S214-04-t10\_01.ppm

Val Image: S214-01-t10\_01.ppm

SIFT Matches: 85

AKAZE Matches: 58

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.522580644325107

Euclidean Distance AKAZE: 2.9948893451383

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.99))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S214/inliers\_S214-04-t10\_01.ppm\_S214-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S214/outliers\_S214-04-t10\_01.ppm\_S214-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S214/inliers\_S214-04-t10\_01.ppm\_S214-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S214/outliers\_S214-04-t10\_01.ppm\_S214-01-t10\_01.ppm.png

Label: S214

Train Image: S214-04-t10\_01.ppm

Val Image: S214-02-t10\_01.ppm

SIFT Matches: 77

AKAZE Matches: 71

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.045255931864862

Euclidean Distance AKAZE: 3.448003368080925

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.05))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S214/inliers\_S214-04-t10\_01.ppm\_S214-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S214/outliers\_S214-04-t10\_01.ppm\_S214-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S214/inliers\_S214-04-t10\_01.ppm\_S214-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S214/outliers\_S214-04-t10\_01.ppm\_S214-02-t10\_01.ppm.png

Label: S214

Train Image: S214-03-t10\_01.ppm

Val Image: S214-01-t10\_01.ppm

SIFT Matches: 93

AKAZE Matches: 59

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.869886551109891

Euclidean Distance AKAZE: 3.064632372490036

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.06))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S214/inliers\_S214-03-t10\_01.ppm\_S214-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S214/outliers\_S214-03-t10\_01.ppm\_S214-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S214/inliers\_S214-03-t10\_01.ppm\_S214-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S214/outliers\_S214-03-t10\_01.ppm\_S214-01-t10\_01.ppm.png

Label: S214

Train Image: S214-03-t10\_01.ppm

Val Image: S214-02-t10\_01.ppm

SIFT Matches: 89

AKAZE Matches: 83

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.892116359310455

Euclidean Distance AKAZE: 3.622990773446844

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.62))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S214/inliers\_S214-03-t10\_01.ppm\_S214-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S214/outliers\_S214-03-t10\_01.ppm\_S214-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S214/inliers\_S214-03-t10\_01.ppm\_S214-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S214/outliers\_S214-03-t10\_01.ppm\_S214-02-t10\_01.ppm.png

Label: S203

Train Image: S203-01-t10\_02.ppm

Val Image: S203-01-t10\_01.ppm

SIFT Matches: 36

AKAZE Matches: 12

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.328362300490217

Euclidean Distance AKAZE: 1.507558612554291

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.51))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S203/inliers\_S203-01-t10\_02.ppm\_S203-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S203/outliers\_S203-01-t10\_02.ppm\_S203-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S203/inliers\_S203-01-t10\_02.ppm\_S203-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S203/outliers\_S203-01-t10\_02.ppm\_S203-01-t10\_01.ppm.png

Label: S203

Train Image: S203-01-t10\_02.ppm

Val Image: S203-03-t10\_01.ppm

SIFT Matches: 41

AKAZE Matches: 16

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.406202060669489

Euclidean Distance AKAZE: 1.539417452180033

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.54))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S203/inliers\_S203-01-t10\_02.ppm\_S203-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S203/outliers\_S203-01-t10\_02.ppm\_S203-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S203/inliers\_S203-01-t10\_02.ppm\_S203-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S203/outliers\_S203-01-t10\_02.ppm\_S203-03-t10\_01.ppm.png

Label: S203

Train Image: S203-02-t10\_01.ppm

Val Image: S203-01-t10\_01.ppm

SIFT Matches: 38

AKAZE Matches: 23

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.169578045351069

Euclidean Distance AKAZE: 1.624645766427048

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.62))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S203/inliers\_S203-02-t10\_01.ppm\_S203-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S203/outliers\_S203-02-t10\_01.ppm\_S203-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S203/inliers\_S203-02-t10\_01.ppm\_S203-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S203/outliers\_S203-02-t10\_01.ppm\_S203-01-t10\_01.ppm.png

Label: S203

Train Image: S203-02-t10\_01.ppm

Val Image: S203-03-t10\_01.ppm

SIFT Matches: 92

AKAZE Matches: 35

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.164780684115383

Euclidean Distance AKAZE: 2.58345446227573

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.58))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S203/inliers\_S203-02-t10\_01.ppm\_S203-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S203/outliers\_S203-02-t10\_01.ppm\_S203-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S203/inliers\_S203-02-t10\_01.ppm\_S203-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S203/outliers\_S203-02-t10\_01.ppm\_S203-03-t10\_01.ppm.png

Label: S199

Train Image: S199-02-t10\_01.ppm

Val Image: S199-01-t10\_01.ppm

SIFT Matches: 104

AKAZE Matches: 77

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.504790137114614

Euclidean Distance AKAZE: 3.272265078259054

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.27))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S199/inliers\_S199-02-t10\_01.ppm\_S199-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S199/outliers\_S199-02-t10\_01.ppm\_S199-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S199/inliers\_S199-02-t10\_01.ppm\_S199-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S199/outliers\_S199-02-t10\_01.ppm\_S199-01-t10\_01.ppm.png

Label: S236

Train Image: S236-02-t10\_01.ppm

Val Image: S236-01-t10\_01.ppm

SIFT Matches: 56

AKAZE Matches: 22

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.216242775273906

Euclidean Distance AKAZE: 1.712741092412234

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.71))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S236/inliers\_S236-02-t10\_01.ppm\_S236-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S236/outliers\_S236-02-t10\_01.ppm\_S236-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S236/inliers\_S236-02-t10\_01.ppm\_S236-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S236/outliers\_S236-02-t10\_01.ppm\_S236-01-t10\_01.ppm.png

Label: S222

Train Image: S222-02-t10\_01.ppm

Val Image: S222-01-t10\_01.ppm

SIFT Matches: 138

AKAZE Matches: 40

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.112763342178416

Euclidean Distance AKAZE: 2.466491826781556

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.47))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S222/inliers\_S222-02-t10\_01.ppm\_S222-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S222/outliers\_S222-02-t10\_01.ppm\_S222-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S222/inliers\_S222-02-t10\_01.ppm\_S222-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S222/outliers\_S222-02-t10\_01.ppm\_S222-01-t10\_01.ppm.png

Label: S232

Train Image: S232-02-t10\_01.ppm

Val Image: S232-01-t10\_01.ppm

SIFT Matches: 94

AKAZE Matches: 46

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.394119552217604

Euclidean Distance AKAZE: 2.072432053033784

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.07))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S232/inliers\_S232-02-t10\_01.ppm\_S232-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S232/outliers\_S232-02-t10\_01.ppm\_S232-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S232/inliers\_S232-02-t10\_01.ppm\_S232-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S232/outliers\_S232-02-t10\_01.ppm\_S232-01-t10\_01.ppm.png

Label: S219

Train Image: S219-03-t10\_01.ppm

Val Image: S219-01-t10\_01.ppm

SIFT Matches: 55

AKAZE Matches: 50

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.150367952878737

Euclidean Distance AKAZE: 2.459953497110021

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.46))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S219/inliers\_S219-03-t10\_01.ppm\_S219-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S219/outliers\_S219-03-t10\_01.ppm\_S219-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S219/inliers\_S219-03-t10\_01.ppm\_S219-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S219/outliers\_S219-03-t10\_01.ppm\_S219-01-t10\_01.ppm.png

Label: S219

Train Image: S219-02-t10\_01.ppm

Val Image: S219-01-t10\_01.ppm

SIFT Matches: 69

AKAZE Matches: 41

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.691382427260212

Euclidean Distance AKAZE: 2.248141504076531

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.25))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S219/inliers\_S219-02-t10\_01.ppm\_S219-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S219/outliers\_S219-02-t10\_01.ppm\_S219-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S219/inliers\_S219-02-t10\_01.ppm\_S219-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S219/outliers\_S219-02-t10\_01.ppm\_S219-01-t10\_01.ppm.png

Label: S223

Train Image: S223-03-t10\_01.ppm

Val Image: S223-01-t10\_01.ppm

SIFT Matches: 197

AKAZE Matches: 131

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.664961634619562

Euclidean Distance AKAZE: 4.622694440427521

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.62))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S223/inliers\_S223-03-t10\_01.ppm\_S223-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S223/outliers\_S223-03-t10\_01.ppm\_S223-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S223/inliers\_S223-03-t10\_01.ppm\_S223-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S223/outliers\_S223-03-t10\_01.ppm\_S223-01-t10\_01.ppm.png

Label: S223

Train Image: S223-02-t10\_01.ppm

Val Image: S223-01-t10\_01.ppm

SIFT Matches: 524

AKAZE Matches: 162

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 9.275953349444274

Euclidean Distance AKAZE: 5.043947805679611

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (5.04))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S223/inliers\_S223-02-t10\_01.ppm\_S223-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S223/outliers\_S223-02-t10\_01.ppm\_S223-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S223/inliers\_S223-02-t10\_01.ppm\_S223-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S223/outliers\_S223-02-t10\_01.ppm\_S223-01-t10\_01.ppm.png

Label: S227

Train Image: S227-02-t10\_01.ppm

Val Image: S227-01-t10\_01.ppm

SIFT Matches: 141

AKAZE Matches: 94

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.686778789370809

Euclidean Distance AKAZE: 3.845572634383792

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.85))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S227/inliers\_S227-02-t10\_01.ppm\_S227-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S227/outliers\_S227-02-t10\_01.ppm\_S227-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S227/inliers\_S227-02-t10\_01.ppm\_S227-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S227/outliers\_S227-02-t10\_01.ppm\_S227-01-t10\_01.ppm.png

Label: S225

Train Image: S225-02-t10\_01.ppm

Val Image: S225-01-t10\_01.ppm

SIFT Matches: 93

AKAZE Matches: 32

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.707987029049592

Euclidean Distance AKAZE: 2.476420217837124

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.48))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S225/inliers\_S225-02-t10\_01.ppm\_S225-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S225/outliers\_S225-02-t10\_01.ppm\_S225-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S225/inliers\_S225-02-t10\_01.ppm\_S225-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S225/outliers\_S225-02-t10\_01.ppm\_S225-01-t10\_01.ppm.png

Label: S228

Train Image: S228-03-t10\_01.ppm

Val Image: S228-01-t10\_01.ppm

SIFT Matches: 180

AKAZE Matches: 71

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.589824216239029

Euclidean Distance AKAZE: 3.657962162564243

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.66))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S228/inliers\_S228-03-t10\_01.ppm\_S228-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S228/outliers\_S228-03-t10\_01.ppm\_S228-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S228/inliers\_S228-03-t10\_01.ppm\_S228-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S228/outliers\_S228-03-t10\_01.ppm\_S228-01-t10\_01.ppm.png

Label: S228

Train Image: S228-02-t10\_01.ppm

Val Image: S228-01-t10\_01.ppm

SIFT Matches: 194

AKAZE Matches: 81

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.670569009160682

Euclidean Distance AKAZE: 3.918293105588577

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.92))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S228/inliers\_S228-02-t10\_01.ppm\_S228-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S228/outliers\_S228-02-t10\_01.ppm\_S228-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S228/inliers\_S228-02-t10\_01.ppm\_S228-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S228/outliers\_S228-02-t10\_01.ppm\_S228-01-t10\_01.ppm.png

Label: S220

Train Image: S220-02-t10\_01.ppm

Val Image: S220-01-t10\_01.ppm

SIFT Matches: 146

AKAZE Matches: 47

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.981871282574993

Euclidean Distance AKAZE: 2.776916551301344

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.78))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S220/inliers\_S220-02-t10\_01.ppm\_S220-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S220/outliers\_S220-02-t10\_01.ppm\_S220-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S220/inliers\_S220-02-t10\_01.ppm\_S220-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S220/outliers\_S220-02-t10\_01.ppm\_S220-01-t10\_01.ppm.png

Label: S226

Train Image: S226-02-t10\_01.ppm

Val Image: S226-01-t10\_01.ppm

SIFT Matches: 88

AKAZE Matches: 37

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.325737764393842

Euclidean Distance AKAZE: 1.706356921065166

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.71))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S226/inliers\_S226-02-t10\_01.ppm\_S226-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S226/outliers\_S226-02-t10\_01.ppm\_S226-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S226/inliers\_S226-02-t10\_01.ppm\_S226-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S226/outliers\_S226-02-t10\_01.ppm\_S226-01-t10\_01.ppm.png

Label: S243

Train Image: S243-04-t10\_01.ppm

Val Image: S243-03-t10\_01.ppm

SIFT Matches: 65

AKAZE Matches: 44

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.686968648276616

Euclidean Distance AKAZE: 2.471718176719023

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.47))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/inliers\_S243-04-t10\_01.ppm\_S243-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/outliers\_S243-04-t10\_01.ppm\_S243-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/inliers\_S243-04-t10\_01.ppm\_S243-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/outliers\_S243-04-t10\_01.ppm\_S243-03-t10\_01.ppm.png

Label: S243

Train Image: S243-04-t10\_01.ppm

Val Image: S243-06-t10\_01.ppm

SIFT Matches: 111

AKAZE Matches: 81

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.367725190405424

Euclidean Distance AKAZE: 3.562855365554715

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.37))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/inliers\_S243-04-t10\_01.ppm\_S243-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/outliers\_S243-04-t10\_01.ppm\_S243-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/inliers\_S243-04-t10\_01.ppm\_S243-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/outliers\_S243-04-t10\_01.ppm\_S243-06-t10\_01.ppm.png

Label: S243

Train Image: S243-04-t10\_01.ppm

Val Image: S243-02-t10\_01.ppm

SIFT Matches: 61

AKAZE Matches: 61

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.289246074858836

Euclidean Distance AKAZE: 3.039545416486156

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (2.29))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/inliers\_S243-04-t10\_01.ppm\_S243-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/outliers\_S243-04-t10\_01.ppm\_S243-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/inliers\_S243-04-t10\_01.ppm\_S243-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/outliers\_S243-04-t10\_01.ppm\_S243-02-t10\_01.ppm.png

Label: S243

Train Image: S243-04-t10\_01.ppm

Val Image: S243-08-t10\_01.ppm

SIFT Matches: 92

AKAZE Matches: 53

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.084917038679055

Euclidean Distance AKAZE: 3.267763995219501

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.08))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/inliers\_S243-04-t10\_01.ppm\_S243-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/outliers\_S243-04-t10\_01.ppm\_S243-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/inliers\_S243-04-t10\_01.ppm\_S243-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/outliers\_S243-04-t10\_01.ppm\_S243-08-t10\_01.ppm.png

Label: S243

Train Image: S243-09-t10\_01.ppm

Val Image: S243-03-t10\_01.ppm

SIFT Matches: 44

AKAZE Matches: 30

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.471898356163388

Euclidean Distance AKAZE: 1.937342428817294

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.94))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/inliers\_S243-09-t10\_01.ppm\_S243-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/outliers\_S243-09-t10\_01.ppm\_S243-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/inliers\_S243-09-t10\_01.ppm\_S243-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/outliers\_S243-09-t10\_01.ppm\_S243-03-t10\_01.ppm.png

Label: S243

Train Image: S243-09-t10\_01.ppm

Val Image: S243-06-t10\_01.ppm

SIFT Matches: 70

AKAZE Matches: 30

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.308548640239509

Euclidean Distance AKAZE: 1.996223172317541

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.00))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/inliers\_S243-09-t10\_01.ppm\_S243-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/outliers\_S243-09-t10\_01.ppm\_S243-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/inliers\_S243-09-t10\_01.ppm\_S243-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/outliers\_S243-09-t10\_01.ppm\_S243-06-t10\_01.ppm.png

Label: S243

Train Image: S243-09-t10\_01.ppm

Val Image: S243-02-t10\_01.ppm

SIFT Matches: 52

AKAZE Matches: 35

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.455453723657383

Euclidean Distance AKAZE: 1.743068828954317

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.74))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/inliers\_S243-09-t10\_01.ppm\_S243-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/outliers\_S243-09-t10\_01.ppm\_S243-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/inliers\_S243-09-t10\_01.ppm\_S243-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/outliers\_S243-09-t10\_01.ppm\_S243-02-t10\_01.ppm.png

Label: S243

Train Image: S243-09-t10\_01.ppm

Val Image: S243-08-t10\_01.ppm

SIFT Matches: 63

AKAZE Matches: 35

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.920918652204581

Euclidean Distance AKAZE: 2.304570198137252

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.30))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/inliers\_S243-09-t10\_01.ppm\_S243-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/outliers\_S243-09-t10\_01.ppm\_S243-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/inliers\_S243-09-t10\_01.ppm\_S243-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/outliers\_S243-09-t10\_01.ppm\_S243-08-t10\_01.ppm.png

Label: S243

Train Image: S243-01-t10\_01.ppm

Val Image: S243-03-t10\_01.ppm

SIFT Matches: 50

AKAZE Matches: 53

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.338760425098313

Euclidean Distance AKAZE: 3.197315286512991

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (2.34))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/inliers\_S243-01-t10\_01.ppm\_S243-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/outliers\_S243-01-t10\_01.ppm\_S243-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/inliers\_S243-01-t10\_01.ppm\_S243-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/outliers\_S243-01-t10\_01.ppm\_S243-03-t10\_01.ppm.png

Label: S243

Train Image: S243-01-t10\_01.ppm

Val Image: S243-06-t10\_01.ppm

SIFT Matches: 64

AKAZE Matches: 38

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.724694566493418

Euclidean Distance AKAZE: 2.213639115022563

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.21))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/inliers\_S243-01-t10\_01.ppm\_S243-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/outliers\_S243-01-t10\_01.ppm\_S243-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/inliers\_S243-01-t10\_01.ppm\_S243-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/outliers\_S243-01-t10\_01.ppm\_S243-06-t10\_01.ppm.png

Label: S243

Train Image: S243-01-t10\_01.ppm

Val Image: S243-02-t10\_01.ppm

SIFT Matches: 40

AKAZE Matches: 32

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.705297042142871

Euclidean Distance AKAZE: 1.705097401296603

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.71))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/inliers\_S243-01-t10\_01.ppm\_S243-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/outliers\_S243-01-t10\_01.ppm\_S243-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/inliers\_S243-01-t10\_01.ppm\_S243-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/outliers\_S243-01-t10\_01.ppm\_S243-02-t10\_01.ppm.png

Label: S243

Train Image: S243-01-t10\_01.ppm

Val Image: S243-08-t10\_01.ppm

SIFT Matches: 64

AKAZE Matches: 37

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.039421891993734

Euclidean Distance AKAZE: 2.471952866046431

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.47))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/inliers\_S243-01-t10\_01.ppm\_S243-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/outliers\_S243-01-t10\_01.ppm\_S243-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/inliers\_S243-01-t10\_01.ppm\_S243-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/outliers\_S243-01-t10\_01.ppm\_S243-08-t10\_01.ppm.png

Label: S243

Train Image: S243-07-t10\_01.ppm

Val Image: S243-03-t10\_01.ppm

SIFT Matches: 66

AKAZE Matches: 35

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.061351044002888

Euclidean Distance AKAZE: 1.671821026727965

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.67))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/inliers\_S243-07-t10\_01.ppm\_S243-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/outliers\_S243-07-t10\_01.ppm\_S243-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/inliers\_S243-07-t10\_01.ppm\_S243-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/outliers\_S243-07-t10\_01.ppm\_S243-03-t10\_01.ppm.png

Label: S243

Train Image: S243-07-t10\_01.ppm

Val Image: S243-06-t10\_01.ppm

SIFT Matches: 95

AKAZE Matches: 42

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.27917758349

Euclidean Distance AKAZE: 2.397759015377088

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.40))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/inliers\_S243-07-t10\_01.ppm\_S243-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/outliers\_S243-07-t10\_01.ppm\_S243-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/inliers\_S243-07-t10\_01.ppm\_S243-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/outliers\_S243-07-t10\_01.ppm\_S243-06-t10\_01.ppm.png

Label: S243

Train Image: S243-07-t10\_01.ppm

Val Image: S243-02-t10\_01.ppm

SIFT Matches: 67

AKAZE Matches: 32

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.588385581142369

Euclidean Distance AKAZE: 2.172155846804631

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.17))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/inliers\_S243-07-t10\_01.ppm\_S243-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/outliers\_S243-07-t10\_01.ppm\_S243-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/inliers\_S243-07-t10\_01.ppm\_S243-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/outliers\_S243-07-t10\_01.ppm\_S243-02-t10\_01.ppm.png

Label: S243

Train Image: S243-07-t10\_01.ppm

Val Image: S243-08-t10\_01.ppm

SIFT Matches: 91

AKAZE Matches: 47

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.023042148912327

Euclidean Distance AKAZE: 2.214834928308208

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.21))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/inliers\_S243-07-t10\_01.ppm\_S243-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/outliers\_S243-07-t10\_01.ppm\_S243-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/inliers\_S243-07-t10\_01.ppm\_S243-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/outliers\_S243-07-t10\_01.ppm\_S243-08-t10\_01.ppm.png

Label: S243

Train Image: S243-05-t10\_01.ppm

Val Image: S243-03-t10\_01.ppm

SIFT Matches: 72

AKAZE Matches: 31

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.30666695762657

Euclidean Distance AKAZE: 2.288031404545509

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.29))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/inliers\_S243-05-t10\_01.ppm\_S243-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/outliers\_S243-05-t10\_01.ppm\_S243-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/inliers\_S243-05-t10\_01.ppm\_S243-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/outliers\_S243-05-t10\_01.ppm\_S243-03-t10\_01.ppm.png

Label: S243

Train Image: S243-05-t10\_01.ppm

Val Image: S243-06-t10\_01.ppm

SIFT Matches: 126

AKAZE Matches: 79

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.617289811175185

Euclidean Distance AKAZE: 3.470453315753196

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.47))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/inliers\_S243-05-t10\_01.ppm\_S243-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/outliers\_S243-05-t10\_01.ppm\_S243-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/inliers\_S243-05-t10\_01.ppm\_S243-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/outliers\_S243-05-t10\_01.ppm\_S243-06-t10\_01.ppm.png

Label: S243

Train Image: S243-05-t10\_01.ppm

Val Image: S243-02-t10\_01.ppm

SIFT Matches: 70

AKAZE Matches: 37

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.064963606220931

Euclidean Distance AKAZE: 1.87595862691555

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.88))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/inliers\_S243-05-t10\_01.ppm\_S243-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/outliers\_S243-05-t10\_01.ppm\_S243-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/inliers\_S243-05-t10\_01.ppm\_S243-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/outliers\_S243-05-t10\_01.ppm\_S243-02-t10\_01.ppm.png

Label: S243

Train Image: S243-05-t10\_01.ppm

Val Image: S243-08-t10\_01.ppm

SIFT Matches: 97

AKAZE Matches: 56

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.868600619413408

Euclidean Distance AKAZE: 3.111245509046576

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (2.87))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/inliers\_S243-05-t10\_01.ppm\_S243-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S243/outliers\_S243-05-t10\_01.ppm\_S243-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/inliers\_S243-05-t10\_01.ppm\_S243-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S243/outliers\_S243-05-t10\_01.ppm\_S243-08-t10\_01.ppm.png

Label: S250

Train Image: S250-02-t10\_01.ppm

Val Image: S250-01-t10\_01.ppm

SIFT Matches: 132

AKAZE Matches: 40

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.081957296367841

Euclidean Distance AKAZE: 2.267279380725501

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.27))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S250/inliers\_S250-02-t10\_01.ppm\_S250-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S250/outliers\_S250-02-t10\_01.ppm\_S250-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S250/inliers\_S250-02-t10\_01.ppm\_S250-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S250/outliers\_S250-02-t10\_01.ppm\_S250-01-t10\_01.ppm.png

Label: S239

Train Image: S239-01-t10\_01.ppm

Val Image: S239-02-t10\_01.ppm

SIFT Matches: 140

AKAZE Matches: 69

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.306659185261593

Euclidean Distance AKAZE: 3.632675592638754

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.63))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S239/inliers\_S239-01-t10\_01.ppm\_S239-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S239/outliers\_S239-01-t10\_01.ppm\_S239-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S239/inliers\_S239-01-t10\_01.ppm\_S239-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S239/outliers\_S239-01-t10\_01.ppm\_S239-02-t10\_01.ppm.png

Label: S253

Train Image: S253-03-t10\_01.ppm

Val Image: S253-01-t10\_01.ppm

SIFT Matches: 100

AKAZE Matches: 58

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.97813999745649

Euclidean Distance AKAZE: 2.978147085351126

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.98))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S253/inliers\_S253-03-t10\_01.ppm\_S253-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S253/outliers\_S253-03-t10\_01.ppm\_S253-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S253/inliers\_S253-03-t10\_01.ppm\_S253-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S253/outliers\_S253-03-t10\_01.ppm\_S253-01-t10\_01.ppm.png

Label: S253

Train Image: S253-03-t10\_01.ppm

Val Image: S253-02-t10\_01.ppm

SIFT Matches: 89

AKAZE Matches: 42

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.043539001288136

Euclidean Distance AKAZE: 2.292218289433671

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.29))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S253/inliers\_S253-03-t10\_01.ppm\_S253-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S253/outliers\_S253-03-t10\_01.ppm\_S253-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S253/inliers\_S253-03-t10\_01.ppm\_S253-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S253/outliers\_S253-03-t10\_01.ppm\_S253-02-t10\_01.ppm.png

Label: S253

Train Image: S253-04-t10\_01.ppm

Val Image: S253-01-t10\_01.ppm

SIFT Matches: 121

AKAZE Matches: 91

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.06033356953019

Euclidean Distance AKAZE: 3.417174444805777

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.42))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S253/inliers\_S253-04-t10\_01.ppm\_S253-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S253/outliers\_S253-04-t10\_01.ppm\_S253-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S253/inliers\_S253-04-t10\_01.ppm\_S253-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S253/outliers\_S253-04-t10\_01.ppm\_S253-01-t10\_01.ppm.png

Label: S253

Train Image: S253-04-t10\_01.ppm

Val Image: S253-02-t10\_01.ppm

SIFT Matches: 118

AKAZE Matches: 94

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.104884613208329

Euclidean Distance AKAZE: 3.115669748422093

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.12))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S253/inliers\_S253-04-t10\_01.ppm\_S253-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S253/outliers\_S253-04-t10\_01.ppm\_S253-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S253/inliers\_S253-04-t10\_01.ppm\_S253-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S253/outliers\_S253-04-t10\_01.ppm\_S253-02-t10\_01.ppm.png

Label: S240

Train Image: S240-01-t10\_01.ppm

Val Image: S240-02-t10\_01.ppm

SIFT Matches: 349

AKAZE Matches: 67

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 7.437368615664208

Euclidean Distance AKAZE: 3.06232935103817

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.06))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S240/inliers\_S240-01-t10\_01.ppm\_S240-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S240/outliers\_S240-01-t10\_01.ppm\_S240-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S240/inliers\_S240-01-t10\_01.ppm\_S240-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S240/outliers\_S240-01-t10\_01.ppm\_S240-02-t10\_01.ppm.png

Label: S254

Train Image: S254-02-t10\_01.ppm

Val Image: S254-01-t10\_01.ppm

SIFT Matches: 128

AKAZE Matches: 74

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.559954119072018

Euclidean Distance AKAZE: 3.791847969756061

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.79))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S254/inliers\_S254-02-t10\_01.ppm\_S254-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S254/outliers\_S254-02-t10\_01.ppm\_S254-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S254/inliers\_S254-02-t10\_01.ppm\_S254-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S254/outliers\_S254-02-t10\_01.ppm\_S254-01-t10\_01.ppm.png

Label: S254

Train Image: S254-03-t10\_01.ppm

Val Image: S254-01-t10\_01.ppm

SIFT Matches: 113

AKAZE Matches: 80

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.310984938022498

Euclidean Distance AKAZE: 3.461659678138284

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.46))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S254/inliers\_S254-03-t10\_01.ppm\_S254-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S254/outliers\_S254-03-t10\_01.ppm\_S254-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S254/inliers\_S254-03-t10\_01.ppm\_S254-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S254/outliers\_S254-03-t10\_01.ppm\_S254-01-t10\_01.ppm.png

Label: S258

Train Image: S258-02-t10\_01.ppm

Val Image: S258-01-t10\_01.ppm

SIFT Matches: 65

AKAZE Matches: 34

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.346750319120519

Euclidean Distance AKAZE: 2.101562077178638

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.10))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S258/inliers\_S258-02-t10\_01.ppm\_S258-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S258/outliers\_S258-02-t10\_01.ppm\_S258-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S258/inliers\_S258-02-t10\_01.ppm\_S258-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S258/outliers\_S258-02-t10\_01.ppm\_S258-01-t10\_01.ppm.png

Label: S259

Train Image: S259-02-t10\_01.ppm

Val Image: S259-01-t10\_01.ppm

SIFT Matches: 63

AKAZE Matches: 20

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.510328383288637

Euclidean Distance AKAZE: 2.119504675901674

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.12))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S259/inliers\_S259-02-t10\_01.ppm\_S259-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S259/outliers\_S259-02-t10\_01.ppm\_S259-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S259/inliers\_S259-02-t10\_01.ppm\_S259-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S259/outliers\_S259-02-t10\_01.ppm\_S259-01-t10\_01.ppm.png

Label: S249

Train Image: S249-02-t10\_01.ppm

Val Image: S249-01-t10\_01.ppm

SIFT Matches: 137

AKAZE Matches: 72

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.224372763888995

Euclidean Distance AKAZE: 3.360029484013146

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.36))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S249/inliers\_S249-02-t10\_01.ppm\_S249-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S249/outliers\_S249-02-t10\_01.ppm\_S249-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S249/inliers\_S249-02-t10\_01.ppm\_S249-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S249/outliers\_S249-02-t10\_01.ppm\_S249-01-t10\_01.ppm.png

Label: S256

Train Image: S256-02-t10\_01.ppm

Val Image: S256-01-t10\_01.ppm

SIFT Matches: 126

AKAZE Matches: 62

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.808351213282554

Euclidean Distance AKAZE: 3.177072586607874

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.18))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S256/inliers\_S256-02-t10\_01.ppm\_S256-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S256/outliers\_S256-02-t10\_01.ppm\_S256-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S256/inliers\_S256-02-t10\_01.ppm\_S256-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S256/outliers\_S256-02-t10\_01.ppm\_S256-01-t10\_01.ppm.png

Label: S283

Train Image: S283-01-t10\_01.ppm

Val Image: S283-02-t10\_01.ppm

SIFT Matches: 162

AKAZE Matches: 63

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.179064059060763

Euclidean Distance AKAZE: 3.087671105792899

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.09))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S283/inliers\_S283-01-t10\_01.ppm\_S283-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S283/outliers\_S283-01-t10\_01.ppm\_S283-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S283/inliers\_S283-01-t10\_01.ppm\_S283-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S283/outliers\_S283-01-t10\_01.ppm\_S283-02-t10\_01.ppm.png

Label: S273

Train Image: S273-02-t10\_01.ppm

Val Image: S273-04-t10\_01.ppm

SIFT Matches: 58

AKAZE Matches: 49

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.318351644957795

Euclidean Distance AKAZE: 2.698179595058812

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (2.32))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S273/inliers\_S273-02-t10\_01.ppm\_S273-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S273/outliers\_S273-02-t10\_01.ppm\_S273-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S273/inliers\_S273-02-t10\_01.ppm\_S273-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S273/outliers\_S273-02-t10\_01.ppm\_S273-04-t10\_01.ppm.png

Label: S273

Train Image: S273-02-t10\_01.ppm

Val Image: S273-01-t10\_01.ppm

SIFT Matches: 66

AKAZE Matches: 39

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.463493943767383

Euclidean Distance AKAZE: 2.313541836005343

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.31))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S273/inliers\_S273-02-t10\_01.ppm\_S273-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S273/outliers\_S273-02-t10\_01.ppm\_S273-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S273/inliers\_S273-02-t10\_01.ppm\_S273-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S273/outliers\_S273-02-t10\_01.ppm\_S273-01-t10\_01.ppm.png

Label: S273

Train Image: S273-05-t10\_01.ppm

Val Image: S273-04-t10\_01.ppm

SIFT Matches: 58

AKAZE Matches: 52

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.700307529300594

Euclidean Distance AKAZE: 2.723237507756726

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (2.70))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S273/inliers\_S273-05-t10\_01.ppm\_S273-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S273/outliers\_S273-05-t10\_01.ppm\_S273-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S273/inliers\_S273-05-t10\_01.ppm\_S273-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S273/outliers\_S273-05-t10\_01.ppm\_S273-04-t10\_01.ppm.png

Label: S273

Train Image: S273-05-t10\_01.ppm

Val Image: S273-01-t10\_01.ppm

SIFT Matches: 84

AKAZE Matches: 38

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.058671397726534

Euclidean Distance AKAZE: 2.204226084206045

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.20))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S273/inliers\_S273-05-t10\_01.ppm\_S273-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S273/outliers\_S273-05-t10\_01.ppm\_S273-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S273/inliers\_S273-05-t10\_01.ppm\_S273-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S273/outliers\_S273-05-t10\_01.ppm\_S273-01-t10\_01.ppm.png

Label: S273

Train Image: S273-03-t10\_01.ppm

Val Image: S273-04-t10\_01.ppm

SIFT Matches: 59

AKAZE Matches: 43

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.687302842884702

Euclidean Distance AKAZE: 2.418258914433832

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.42))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S273/inliers\_S273-03-t10\_01.ppm\_S273-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S273/outliers\_S273-03-t10\_01.ppm\_S273-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S273/inliers\_S273-03-t10\_01.ppm\_S273-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S273/outliers\_S273-03-t10\_01.ppm\_S273-04-t10\_01.ppm.png

Label: S273

Train Image: S273-03-t10\_01.ppm

Val Image: S273-01-t10\_01.ppm

SIFT Matches: 54

AKAZE Matches: 21

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.546056148455071

Euclidean Distance AKAZE: 1.185438991032203

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.19))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S273/inliers\_S273-03-t10\_01.ppm\_S273-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S273/outliers\_S273-03-t10\_01.ppm\_S273-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S273/inliers\_S273-03-t10\_01.ppm\_S273-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S273/outliers\_S273-03-t10\_01.ppm\_S273-01-t10\_01.ppm.png

Label: S282

Train Image: S282-02-t10\_01.ppm

Val Image: S282-01-t10\_01.ppm

SIFT Matches: 152

AKAZE Matches: 67

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.230350990823908

Euclidean Distance AKAZE: 3.183985555014507

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.18))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S282/inliers\_S282-02-t10\_01.ppm\_S282-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S282/outliers\_S282-02-t10\_01.ppm\_S282-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S282/inliers\_S282-02-t10\_01.ppm\_S282-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S282/outliers\_S282-02-t10\_01.ppm\_S282-01-t10\_01.ppm.png

Label: S282

Train Image: S282-03-t10\_01.ppm

Val Image: S282-01-t10\_01.ppm

SIFT Matches: 173

AKAZE Matches: 79

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.995612519977605

Euclidean Distance AKAZE: 3.183338449839251

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.18))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S282/inliers\_S282-03-t10\_01.ppm\_S282-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S282/outliers\_S282-03-t10\_01.ppm\_S282-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S282/inliers\_S282-03-t10\_01.ppm\_S282-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S282/outliers\_S282-03-t10\_01.ppm\_S282-01-t10\_01.ppm.png

Label: S284

Train Image: S284-02-t10\_01.ppm

Val Image: S284-01-t10\_01.ppm

SIFT Matches: 102

AKAZE Matches: 15

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.753617927971198

Euclidean Distance AKAZE: 1.792620161512166

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.79))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S284/inliers\_S284-02-t10\_01.ppm\_S284-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S284/outliers\_S284-02-t10\_01.ppm\_S284-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S284/inliers\_S284-02-t10\_01.ppm\_S284-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S284/outliers\_S284-02-t10\_01.ppm\_S284-01-t10\_01.ppm.png

Label: S284

Train Image: S284-02-t10\_01.ppm

Val Image: S284-01-t10\_02.ppm

SIFT Matches: 110

AKAZE Matches: 15

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.231842745358627

Euclidean Distance AKAZE: 1.672910757722109

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.67))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S284/inliers\_S284-02-t10\_01.ppm\_S284-01-t10\_02.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S284/outliers\_S284-02-t10\_01.ppm\_S284-01-t10\_02.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S284/inliers\_S284-02-t10\_01.ppm\_S284-01-t10\_02.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S284/outliers\_S284-02-t10\_01.ppm\_S284-01-t10\_02.ppm.png

Label: S284

Train Image: S284-02-t10\_02.ppm

Val Image: S284-01-t10\_01.ppm

SIFT Matches: 103

AKAZE Matches: 33

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.097889837375951

Euclidean Distance AKAZE: 2.378462759511613

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.38))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S284/inliers\_S284-02-t10\_02.ppm\_S284-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S284/outliers\_S284-02-t10\_02.ppm\_S284-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S284/inliers\_S284-02-t10\_02.ppm\_S284-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S284/outliers\_S284-02-t10\_02.ppm\_S284-01-t10\_01.ppm.png

Label: S284

Train Image: S284-02-t10\_02.ppm

Val Image: S284-01-t10\_02.ppm

SIFT Matches: 122

AKAZE Matches: 40

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.48092354270981

Euclidean Distance AKAZE: 2.933363234064354

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.93))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S284/inliers\_S284-02-t10\_02.ppm\_S284-01-t10\_02.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S284/outliers\_S284-02-t10\_02.ppm\_S284-01-t10\_02.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S284/inliers\_S284-02-t10\_02.ppm\_S284-01-t10\_02.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S284/outliers\_S284-02-t10\_02.ppm\_S284-01-t10\_02.ppm.png

Label: S261

Train Image: S261-02-t10\_01.ppm

Val Image: S261-01-t10\_01.ppm

SIFT Matches: 287

AKAZE Matches: 111

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.858354338185253

Euclidean Distance AKAZE: 3.779584185395836

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.78))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S261/inliers\_S261-02-t10\_01.ppm\_S261-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S261/outliers\_S261-02-t10\_01.ppm\_S261-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S261/inliers\_S261-02-t10\_01.ppm\_S261-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S261/outliers\_S261-02-t10\_01.ppm\_S261-01-t10\_01.ppm.png

Label: S272

Train Image: S272-02-t10\_02.ppm

Val Image: S272-01-t10\_01.ppm

SIFT Matches: 158

AKAZE Matches: 28

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.650022118427271

Euclidean Distance AKAZE: 2.001567916153463

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.00))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S272/inliers\_S272-02-t10\_02.ppm\_S272-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S272/outliers\_S272-02-t10\_02.ppm\_S272-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S272/inliers\_S272-02-t10\_02.ppm\_S272-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S272/outliers\_S272-02-t10\_02.ppm\_S272-01-t10\_01.ppm.png

Label: S272

Train Image: S272-02-t10\_01.ppm

Val Image: S272-01-t10\_01.ppm

SIFT Matches: 126

AKAZE Matches: 29

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.643616864546455

Euclidean Distance AKAZE: 2.057843977151026

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.06))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S272/inliers\_S272-02-t10\_01.ppm\_S272-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S272/outliers\_S272-02-t10\_01.ppm\_S272-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S272/inliers\_S272-02-t10\_01.ppm\_S272-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S272/outliers\_S272-02-t10\_01.ppm\_S272-01-t10\_01.ppm.png

Label: S285

Train Image: S285-01-t10\_02.ppm

Val Image: S285-01-t10\_01.ppm

SIFT Matches: 440

AKAZE Matches: 175

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 8.736112146956362

Euclidean Distance AKAZE: 5.322415509798686

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (5.32))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S285/inliers\_S285-01-t10\_02.ppm\_S285-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S285/outliers\_S285-01-t10\_02.ppm\_S285-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S285/inliers\_S285-01-t10\_02.ppm\_S285-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S285/outliers\_S285-01-t10\_02.ppm\_S285-01-t10\_01.ppm.png

Label: S270

Train Image: S270-01-t10\_02.ppm

Val Image: S270-01-t10\_01.ppm

SIFT Matches: 45

AKAZE Matches: 73

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.57612940102362

Euclidean Distance AKAZE: 3.765631247302689

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (2.58))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S270/inliers\_S270-01-t10\_02.ppm\_S270-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S270/outliers\_S270-01-t10\_02.ppm\_S270-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S270/inliers\_S270-01-t10\_02.ppm\_S270-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S270/outliers\_S270-01-t10\_02.ppm\_S270-01-t10\_01.ppm.png

Label: S280

Train Image: S280-07-t10\_01.ppm

Val Image: S280-10-t10\_01.ppm

SIFT Matches: 84

AKAZE Matches: 75

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.41158351614573

Euclidean Distance AKAZE: 3.435472570001498

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.41))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/inliers\_S280-07-t10\_01.ppm\_S280-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/outliers\_S280-07-t10\_01.ppm\_S280-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/inliers\_S280-07-t10\_01.ppm\_S280-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/outliers\_S280-07-t10\_01.ppm\_S280-10-t10\_01.ppm.png

Label: S280

Train Image: S280-07-t10\_01.ppm

Val Image: S280-08-t10\_01.ppm

SIFT Matches: 74

AKAZE Matches: 51

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.545649476458802

Euclidean Distance AKAZE: 3.266113618828347

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.27))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/inliers\_S280-07-t10\_01.ppm\_S280-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/outliers\_S280-07-t10\_01.ppm\_S280-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/inliers\_S280-07-t10\_01.ppm\_S280-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/outliers\_S280-07-t10\_01.ppm\_S280-08-t10\_01.ppm.png

Label: S280

Train Image: S280-07-t10\_01.ppm

Val Image: S280-03-t10\_01.ppm

SIFT Matches: 93

AKAZE Matches: 80

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.018380092551432

Euclidean Distance AKAZE: 3.8338668441405

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.83))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/inliers\_S280-07-t10\_01.ppm\_S280-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/outliers\_S280-07-t10\_01.ppm\_S280-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/inliers\_S280-07-t10\_01.ppm\_S280-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/outliers\_S280-07-t10\_01.ppm\_S280-03-t10\_01.ppm.png

Label: S280

Train Image: S280-07-t10\_01.ppm

Val Image: S280-06-t10\_01.ppm

SIFT Matches: 101

AKAZE Matches: 81

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.237810322902503

Euclidean Distance AKAZE: 3.254706594117796

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.25))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/inliers\_S280-07-t10\_01.ppm\_S280-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/outliers\_S280-07-t10\_01.ppm\_S280-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/inliers\_S280-07-t10\_01.ppm\_S280-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/outliers\_S280-07-t10\_01.ppm\_S280-06-t10\_01.ppm.png

Label: S280

Train Image: S280-07-t10\_01.ppm

Val Image: S280-01-t10\_01.ppm

SIFT Matches: 100

AKAZE Matches: 81

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.190280229090536

Euclidean Distance AKAZE: 3.774541305236727

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.77))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/inliers\_S280-07-t10\_01.ppm\_S280-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/outliers\_S280-07-t10\_01.ppm\_S280-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/inliers\_S280-07-t10\_01.ppm\_S280-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/outliers\_S280-07-t10\_01.ppm\_S280-01-t10\_01.ppm.png

Label: S280

Train Image: S280-07-t10\_01.ppm

Val Image: S280-05-t10\_01.ppm

SIFT Matches: 124

AKAZE Matches: 119

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.221538922371932

Euclidean Distance AKAZE: 3.851124712241182

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.85))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/inliers\_S280-07-t10\_01.ppm\_S280-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/outliers\_S280-07-t10\_01.ppm\_S280-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/inliers\_S280-07-t10\_01.ppm\_S280-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/outliers\_S280-07-t10\_01.ppm\_S280-05-t10\_01.ppm.png

Label: S280

Train Image: S280-02-t10\_01.ppm

Val Image: S280-10-t10\_01.ppm

SIFT Matches: 135

AKAZE Matches: 94

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.003195797637686

Euclidean Distance AKAZE: 3.765727816015083

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.77))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/inliers\_S280-02-t10\_01.ppm\_S280-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/outliers\_S280-02-t10\_01.ppm\_S280-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/inliers\_S280-02-t10\_01.ppm\_S280-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/outliers\_S280-02-t10\_01.ppm\_S280-10-t10\_01.ppm.png

Label: S280

Train Image: S280-02-t10\_01.ppm

Val Image: S280-08-t10\_01.ppm

SIFT Matches: 129

AKAZE Matches: 84

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.524406661861818

Euclidean Distance AKAZE: 3.564439344690962

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.56))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/inliers\_S280-02-t10\_01.ppm\_S280-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/outliers\_S280-02-t10\_01.ppm\_S280-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/inliers\_S280-02-t10\_01.ppm\_S280-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/outliers\_S280-02-t10\_01.ppm\_S280-08-t10\_01.ppm.png

Label: S280

Train Image: S280-02-t10\_01.ppm

Val Image: S280-03-t10\_01.ppm

SIFT Matches: 227

AKAZE Matches: 183

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.294873754339274

Euclidean Distance AKAZE: 5.210901651610377

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (5.21))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/inliers\_S280-02-t10\_01.ppm\_S280-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/outliers\_S280-02-t10\_01.ppm\_S280-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/inliers\_S280-02-t10\_01.ppm\_S280-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/outliers\_S280-02-t10\_01.ppm\_S280-03-t10\_01.ppm.png

Label: S280

Train Image: S280-02-t10\_01.ppm

Val Image: S280-06-t10\_01.ppm

SIFT Matches: 109

AKAZE Matches: 72

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.065942855381028

Euclidean Distance AKAZE: 2.938449364895894

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.94))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/inliers\_S280-02-t10\_01.ppm\_S280-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/outliers\_S280-02-t10\_01.ppm\_S280-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/inliers\_S280-02-t10\_01.ppm\_S280-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/outliers\_S280-02-t10\_01.ppm\_S280-06-t10\_01.ppm.png

Label: S280

Train Image: S280-02-t10\_01.ppm

Val Image: S280-01-t10\_01.ppm

SIFT Matches: 167

AKAZE Matches: 134

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.878891867188445

Euclidean Distance AKAZE: 4.401521980125697

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.40))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/inliers\_S280-02-t10\_01.ppm\_S280-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/outliers\_S280-02-t10\_01.ppm\_S280-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/inliers\_S280-02-t10\_01.ppm\_S280-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/outliers\_S280-02-t10\_01.ppm\_S280-01-t10\_01.ppm.png

Label: S280

Train Image: S280-02-t10\_01.ppm

Val Image: S280-05-t10\_01.ppm

SIFT Matches: 137

AKAZE Matches: 100

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.667238108569902

Euclidean Distance AKAZE: 3.99947366280243

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.00))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/inliers\_S280-02-t10\_01.ppm\_S280-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/outliers\_S280-02-t10\_01.ppm\_S280-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/inliers\_S280-02-t10\_01.ppm\_S280-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/outliers\_S280-02-t10\_01.ppm\_S280-05-t10\_01.ppm.png

Label: S280

Train Image: S280-09-t10\_01.ppm

Val Image: S280-10-t10\_01.ppm

SIFT Matches: 112

AKAZE Matches: 57

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.288805501029876

Euclidean Distance AKAZE: 2.813891534893615

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.81))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/inliers\_S280-09-t10\_01.ppm\_S280-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/outliers\_S280-09-t10\_01.ppm\_S280-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/inliers\_S280-09-t10\_01.ppm\_S280-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/outliers\_S280-09-t10\_01.ppm\_S280-10-t10\_01.ppm.png

Label: S280

Train Image: S280-09-t10\_01.ppm

Val Image: S280-08-t10\_01.ppm

SIFT Matches: 97

AKAZE Matches: 57

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.752080138357456

Euclidean Distance AKAZE: 3.03917822744071

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.04))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/inliers\_S280-09-t10\_01.ppm\_S280-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/outliers\_S280-09-t10\_01.ppm\_S280-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/inliers\_S280-09-t10\_01.ppm\_S280-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/outliers\_S280-09-t10\_01.ppm\_S280-08-t10\_01.ppm.png

Label: S280

Train Image: S280-09-t10\_01.ppm

Val Image: S280-03-t10\_01.ppm

SIFT Matches: 128

AKAZE Matches: 83

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.090577431901653

Euclidean Distance AKAZE: 3.389525575667784

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.39))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/inliers\_S280-09-t10\_01.ppm\_S280-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/outliers\_S280-09-t10\_01.ppm\_S280-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/inliers\_S280-09-t10\_01.ppm\_S280-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/outliers\_S280-09-t10\_01.ppm\_S280-03-t10\_01.ppm.png

Label: S280

Train Image: S280-09-t10\_01.ppm

Val Image: S280-06-t10\_01.ppm

SIFT Matches: 90

AKAZE Matches: 46

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.011045207693263

Euclidean Distance AKAZE: 2.576080763066893

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.58))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/inliers\_S280-09-t10\_01.ppm\_S280-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/outliers\_S280-09-t10\_01.ppm\_S280-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/inliers\_S280-09-t10\_01.ppm\_S280-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/outliers\_S280-09-t10\_01.ppm\_S280-06-t10\_01.ppm.png

Label: S280

Train Image: S280-09-t10\_01.ppm

Val Image: S280-01-t10\_01.ppm

SIFT Matches: 140

AKAZE Matches: 88

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.820475199651564

Euclidean Distance AKAZE: 3.42963070477274

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.43))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/inliers\_S280-09-t10\_01.ppm\_S280-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/outliers\_S280-09-t10\_01.ppm\_S280-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/inliers\_S280-09-t10\_01.ppm\_S280-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/outliers\_S280-09-t10\_01.ppm\_S280-01-t10\_01.ppm.png

Label: S280

Train Image: S280-09-t10\_01.ppm

Val Image: S280-05-t10\_01.ppm

SIFT Matches: 100

AKAZE Matches: 57

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.660022119429108

Euclidean Distance AKAZE: 3.017761622971311

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.02))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/inliers\_S280-09-t10\_01.ppm\_S280-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/outliers\_S280-09-t10\_01.ppm\_S280-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/inliers\_S280-09-t10\_01.ppm\_S280-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/outliers\_S280-09-t10\_01.ppm\_S280-05-t10\_01.ppm.png

Label: S280

Train Image: S280-04-t10\_01.ppm

Val Image: S280-10-t10\_01.ppm

SIFT Matches: 145

AKAZE Matches: 85

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.824203083815116

Euclidean Distance AKAZE: 3.507059156083295

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.51))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/inliers\_S280-04-t10\_01.ppm\_S280-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/outliers\_S280-04-t10\_01.ppm\_S280-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/inliers\_S280-04-t10\_01.ppm\_S280-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/outliers\_S280-04-t10\_01.ppm\_S280-10-t10\_01.ppm.png

Label: S280

Train Image: S280-04-t10\_01.ppm

Val Image: S280-08-t10\_01.ppm

SIFT Matches: 158

AKAZE Matches: 83

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.250930025674779

Euclidean Distance AKAZE: 3.637077599892899

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.64))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/inliers\_S280-04-t10\_01.ppm\_S280-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/outliers\_S280-04-t10\_01.ppm\_S280-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/inliers\_S280-04-t10\_01.ppm\_S280-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/outliers\_S280-04-t10\_01.ppm\_S280-08-t10\_01.ppm.png

Label: S280

Train Image: S280-04-t10\_01.ppm

Val Image: S280-03-t10\_01.ppm

SIFT Matches: 197

AKAZE Matches: 144

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.133989459403394

Euclidean Distance AKAZE: 4.130679240839802

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.13))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/inliers\_S280-04-t10\_01.ppm\_S280-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/outliers\_S280-04-t10\_01.ppm\_S280-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/inliers\_S280-04-t10\_01.ppm\_S280-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/outliers\_S280-04-t10\_01.ppm\_S280-03-t10\_01.ppm.png

Label: S280

Train Image: S280-04-t10\_01.ppm

Val Image: S280-06-t10\_01.ppm

SIFT Matches: 126

AKAZE Matches: 68

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.129260012475887

Euclidean Distance AKAZE: 2.862883319449576

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.86))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/inliers\_S280-04-t10\_01.ppm\_S280-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/outliers\_S280-04-t10\_01.ppm\_S280-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/inliers\_S280-04-t10\_01.ppm\_S280-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/outliers\_S280-04-t10\_01.ppm\_S280-06-t10\_01.ppm.png

Label: S280

Train Image: S280-04-t10\_01.ppm

Val Image: S280-01-t10\_01.ppm

SIFT Matches: 177

AKAZE Matches: 112

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.97754166285252

Euclidean Distance AKAZE: 4.095542759217955

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.10))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/inliers\_S280-04-t10\_01.ppm\_S280-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/outliers\_S280-04-t10\_01.ppm\_S280-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/inliers\_S280-04-t10\_01.ppm\_S280-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/outliers\_S280-04-t10\_01.ppm\_S280-01-t10\_01.ppm.png

Label: S280

Train Image: S280-04-t10\_01.ppm

Val Image: S280-05-t10\_01.ppm

SIFT Matches: 161

AKAZE Matches: 107

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.282797713202012

Euclidean Distance AKAZE: 3.765148443126628

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.77))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/inliers\_S280-04-t10\_01.ppm\_S280-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S280/outliers\_S280-04-t10\_01.ppm\_S280-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/inliers\_S280-04-t10\_01.ppm\_S280-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S280/outliers\_S280-04-t10\_01.ppm\_S280-05-t10\_01.ppm.png

Label: S263

Train Image: S263-01-t10\_01.ppm

Val Image: S263-01-t10\_02.ppm

SIFT Matches: 62

AKAZE Matches: 27

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.334858509595017

Euclidean Distance AKAZE: 2.256647744537069

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.26))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S263/inliers\_S263-01-t10\_01.ppm\_S263-01-t10\_02.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S263/outliers\_S263-01-t10\_01.ppm\_S263-01-t10\_02.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S263/inliers\_S263-01-t10\_01.ppm\_S263-01-t10\_02.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S263/outliers\_S263-01-t10\_01.ppm\_S263-01-t10\_02.ppm.png

Label: S304

Train Image: S304-03-t10\_01.ppm

Val Image: S304-01-t10\_01.ppm

SIFT Matches: 51

AKAZE Matches: 22

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.174403140855091

Euclidean Distance AKAZE: 1.730540702325501

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.73))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S304/inliers\_S304-03-t10\_01.ppm\_S304-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S304/outliers\_S304-03-t10\_01.ppm\_S304-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S304/inliers\_S304-03-t10\_01.ppm\_S304-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S304/outliers\_S304-03-t10\_01.ppm\_S304-01-t10\_01.ppm.png

Label: S304

Train Image: S304-03-t10\_01.ppm

Val Image: S304-02-t10\_01.ppm

SIFT Matches: 38

AKAZE Matches: 26

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.20766781779299

Euclidean Distance AKAZE: 2.042209963840308

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.04))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S304/inliers\_S304-03-t10\_01.ppm\_S304-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S304/outliers\_S304-03-t10\_01.ppm\_S304-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S304/inliers\_S304-03-t10\_01.ppm\_S304-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S304/outliers\_S304-03-t10\_01.ppm\_S304-02-t10\_01.ppm.png

Label: S296

Train Image: S296-03-t10\_01.ppm

Val Image: S296-05-t10\_01.ppm

SIFT Matches: 403

AKAZE Matches: 139

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 7.858174376821398

Euclidean Distance AKAZE: 4.283558379760454

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.28))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/inliers\_S296-03-t10\_01.ppm\_S296-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/outliers\_S296-03-t10\_01.ppm\_S296-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/inliers\_S296-03-t10\_01.ppm\_S296-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/outliers\_S296-03-t10\_01.ppm\_S296-05-t10\_01.ppm.png

Label: S296

Train Image: S296-03-t10\_01.ppm

Val Image: S296-09-t10\_01.ppm

SIFT Matches: 562

AKAZE Matches: 127

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 9.773348665962898

Euclidean Distance AKAZE: 4.887681487715405

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.89))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/inliers\_S296-03-t10\_01.ppm\_S296-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/outliers\_S296-03-t10\_01.ppm\_S296-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/inliers\_S296-03-t10\_01.ppm\_S296-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/outliers\_S296-03-t10\_01.ppm\_S296-09-t10\_01.ppm.png

Label: S296

Train Image: S296-08-t10\_01.ppm

Val Image: S296-05-t10\_01.ppm

SIFT Matches: 350

AKAZE Matches: 141

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 7.861446769015173

Euclidean Distance AKAZE: 4.387952779588887

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.39))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/inliers\_S296-08-t10\_01.ppm\_S296-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/outliers\_S296-08-t10\_01.ppm\_S296-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/inliers\_S296-08-t10\_01.ppm\_S296-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/outliers\_S296-08-t10\_01.ppm\_S296-05-t10\_01.ppm.png

Label: S296

Train Image: S296-08-t10\_01.ppm

Val Image: S296-09-t10\_01.ppm

SIFT Matches: 479

AKAZE Matches: 115

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 9.236941165915606

Euclidean Distance AKAZE: 4.512731780980739

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.51))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/inliers\_S296-08-t10\_01.ppm\_S296-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/outliers\_S296-08-t10\_01.ppm\_S296-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/inliers\_S296-08-t10\_01.ppm\_S296-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/outliers\_S296-08-t10\_01.ppm\_S296-09-t10\_01.ppm.png

Label: S296

Train Image: S296-10-t10\_01.ppm

Val Image: S296-05-t10\_01.ppm

SIFT Matches: 333

AKAZE Matches: 112

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 7.303613231707685

Euclidean Distance AKAZE: 4.405995613877096

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.41))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/inliers\_S296-10-t10\_01.ppm\_S296-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/outliers\_S296-10-t10\_01.ppm\_S296-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/inliers\_S296-10-t10\_01.ppm\_S296-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/outliers\_S296-10-t10\_01.ppm\_S296-05-t10\_01.ppm.png

Label: S296

Train Image: S296-10-t10\_01.ppm

Val Image: S296-09-t10\_01.ppm

SIFT Matches: 456

AKAZE Matches: 93

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 8.495249680390245

Euclidean Distance AKAZE: 3.960503396481637

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.96))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/inliers\_S296-10-t10\_01.ppm\_S296-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/outliers\_S296-10-t10\_01.ppm\_S296-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/inliers\_S296-10-t10\_01.ppm\_S296-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/outliers\_S296-10-t10\_01.ppm\_S296-09-t10\_01.ppm.png

Label: S296

Train Image: S296-04-t10\_01.ppm

Val Image: S296-05-t10\_01.ppm

SIFT Matches: 324

AKAZE Matches: 124

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 7.060018254526475

Euclidean Distance AKAZE: 3.939779881007444

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.94))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/inliers\_S296-04-t10\_01.ppm\_S296-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/outliers\_S296-04-t10\_01.ppm\_S296-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/inliers\_S296-04-t10\_01.ppm\_S296-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/outliers\_S296-04-t10\_01.ppm\_S296-05-t10\_01.ppm.png

Label: S296

Train Image: S296-04-t10\_01.ppm

Val Image: S296-09-t10\_01.ppm

SIFT Matches: 416

AKAZE Matches: 108

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 8.280350531299247

Euclidean Distance AKAZE: 4.407927157505281

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.41))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/inliers\_S296-04-t10\_01.ppm\_S296-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/outliers\_S296-04-t10\_01.ppm\_S296-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/inliers\_S296-04-t10\_01.ppm\_S296-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/outliers\_S296-04-t10\_01.ppm\_S296-09-t10\_01.ppm.png

Label: S296

Train Image: S296-02-t10\_01.ppm

Val Image: S296-05-t10\_01.ppm

SIFT Matches: 383

AKAZE Matches: 162

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 8.045274440775744

Euclidean Distance AKAZE: 5.276918171002245

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (5.28))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/inliers\_S296-02-t10\_01.ppm\_S296-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/outliers\_S296-02-t10\_01.ppm\_S296-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/inliers\_S296-02-t10\_01.ppm\_S296-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/outliers\_S296-02-t10\_01.ppm\_S296-05-t10\_01.ppm.png

Label: S296

Train Image: S296-02-t10\_01.ppm

Val Image: S296-09-t10\_01.ppm

SIFT Matches: 540

AKAZE Matches: 140

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 9.441355320185439

Euclidean Distance AKAZE: 4.800087971879592

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.80))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/inliers\_S296-02-t10\_01.ppm\_S296-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/outliers\_S296-02-t10\_01.ppm\_S296-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/inliers\_S296-02-t10\_01.ppm\_S296-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/outliers\_S296-02-t10\_01.ppm\_S296-09-t10\_01.ppm.png

Label: S296

Train Image: S296-01-t10\_01.ppm

Val Image: S296-05-t10\_01.ppm

SIFT Matches: 271

AKAZE Matches: 119

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.951060618820823

Euclidean Distance AKAZE: 4.649926945484236

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.65))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/inliers\_S296-01-t10\_01.ppm\_S296-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/outliers\_S296-01-t10\_01.ppm\_S296-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/inliers\_S296-01-t10\_01.ppm\_S296-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/outliers\_S296-01-t10\_01.ppm\_S296-05-t10\_01.ppm.png

Label: S296

Train Image: S296-01-t10\_01.ppm

Val Image: S296-09-t10\_01.ppm

SIFT Matches: 394

AKAZE Matches: 111

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 8.381699806049578

Euclidean Distance AKAZE: 4.471849212403304

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.47))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/inliers\_S296-01-t10\_01.ppm\_S296-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/outliers\_S296-01-t10\_01.ppm\_S296-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/inliers\_S296-01-t10\_01.ppm\_S296-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/outliers\_S296-01-t10\_01.ppm\_S296-09-t10\_01.ppm.png

Label: S296

Train Image: S296-07-t10\_01.ppm

Val Image: S296-05-t10\_01.ppm

SIFT Matches: 364

AKAZE Matches: 134

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 7.76697670329515

Euclidean Distance AKAZE: 4.383332136769552

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.38))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/inliers\_S296-07-t10\_01.ppm\_S296-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/outliers\_S296-07-t10\_01.ppm\_S296-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/inliers\_S296-07-t10\_01.ppm\_S296-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/outliers\_S296-07-t10\_01.ppm\_S296-05-t10\_01.ppm.png

Label: S296

Train Image: S296-07-t10\_01.ppm

Val Image: S296-09-t10\_01.ppm

SIFT Matches: 476

AKAZE Matches: 97

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 8.304854029157722

Euclidean Distance AKAZE: 3.897003593637901

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.90))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/inliers\_S296-07-t10\_01.ppm\_S296-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/outliers\_S296-07-t10\_01.ppm\_S296-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/inliers\_S296-07-t10\_01.ppm\_S296-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/outliers\_S296-07-t10\_01.ppm\_S296-09-t10\_01.ppm.png

Label: S296

Train Image: S296-06-t10\_01.ppm

Val Image: S296-05-t10\_01.ppm

SIFT Matches: 295

AKAZE Matches: 128

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 7.39141760276047

Euclidean Distance AKAZE: 4.72043020703464

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.72))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/inliers\_S296-06-t10\_01.ppm\_S296-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/outliers\_S296-06-t10\_01.ppm\_S296-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/inliers\_S296-06-t10\_01.ppm\_S296-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/outliers\_S296-06-t10\_01.ppm\_S296-05-t10\_01.ppm.png

Label: S296

Train Image: S296-06-t10\_01.ppm

Val Image: S296-09-t10\_01.ppm

SIFT Matches: 351

AKAZE Matches: 96

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 7.903026749290893

Euclidean Distance AKAZE: 3.888201263650379

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.89))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/inliers\_S296-06-t10\_01.ppm\_S296-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S296/outliers\_S296-06-t10\_01.ppm\_S296-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/inliers\_S296-06-t10\_01.ppm\_S296-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S296/outliers\_S296-06-t10\_01.ppm\_S296-09-t10\_01.ppm.png

Label: S291

Train Image: S291-01-t10\_01.ppm

Val Image: S291-02-t10\_01.ppm

SIFT Matches: 105

AKAZE Matches: 98

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.845009112026763

Euclidean Distance AKAZE: 3.650643071435262

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.65))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S291/inliers\_S291-01-t10\_01.ppm\_S291-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S291/outliers\_S291-01-t10\_01.ppm\_S291-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S291/inliers\_S291-01-t10\_01.ppm\_S291-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S291/outliers\_S291-01-t10\_01.ppm\_S291-02-t10\_01.ppm.png

Label: S309

Train Image: S309-02-t10\_01.ppm

Val Image: S309-04-t10\_01.ppm

SIFT Matches: 115

AKAZE Matches: 69

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.44878601238505

Euclidean Distance AKAZE: 3.401374490341655

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.40))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S309/inliers\_S309-02-t10\_01.ppm\_S309-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S309/outliers\_S309-02-t10\_01.ppm\_S309-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S309/inliers\_S309-02-t10\_01.ppm\_S309-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S309/outliers\_S309-02-t10\_01.ppm\_S309-04-t10\_01.ppm.png

Label: S309

Train Image: S309-03-t10\_01.ppm

Val Image: S309-04-t10\_01.ppm

SIFT Matches: 131

AKAZE Matches: 76

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.630347183083274

Euclidean Distance AKAZE: 3.454388926845315

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.45))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S309/inliers\_S309-03-t10\_01.ppm\_S309-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S309/outliers\_S309-03-t10\_01.ppm\_S309-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S309/inliers\_S309-03-t10\_01.ppm\_S309-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S309/outliers\_S309-03-t10\_01.ppm\_S309-04-t10\_01.ppm.png

Label: S309

Train Image: S309-05-t10\_01.ppm

Val Image: S309-04-t10\_01.ppm

SIFT Matches: 119

AKAZE Matches: 62

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.383505108695327

Euclidean Distance AKAZE: 3.085507657547401

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.09))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S309/inliers\_S309-05-t10\_01.ppm\_S309-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S309/outliers\_S309-05-t10\_01.ppm\_S309-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S309/inliers\_S309-05-t10\_01.ppm\_S309-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S309/outliers\_S309-05-t10\_01.ppm\_S309-04-t10\_01.ppm.png

Label: S309

Train Image: S309-01-t10\_01.ppm

Val Image: S309-04-t10\_01.ppm

SIFT Matches: 109

AKAZE Matches: 62

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.064942130291909

Euclidean Distance AKAZE: 3.303986694307322

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.30))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S309/inliers\_S309-01-t10\_01.ppm\_S309-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S309/outliers\_S309-01-t10\_01.ppm\_S309-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S309/inliers\_S309-01-t10\_01.ppm\_S309-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S309/outliers\_S309-01-t10\_01.ppm\_S309-04-t10\_01.ppm.png

Label: S300

Train Image: S300-02-t10\_01.ppm

Val Image: S300-01-t10\_01.ppm

SIFT Matches: 23

AKAZE Matches: 12

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 1.593726094794978

Euclidean Distance AKAZE: 1.056050952342858

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.06))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S300/inliers\_S300-02-t10\_01.ppm\_S300-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S300/outliers\_S300-02-t10\_01.ppm\_S300-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S300/inliers\_S300-02-t10\_01.ppm\_S300-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S300/outliers\_S300-02-t10\_01.ppm\_S300-01-t10\_01.ppm.png

Label: S288

Train Image: S288-01-t10\_01.ppm

Val Image: S288-03-t10\_01.ppm

SIFT Matches: 61

AKAZE Matches: 44

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.734046603145161

Euclidean Distance AKAZE: 2.488817075241033

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.49))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S288/inliers\_S288-01-t10\_01.ppm\_S288-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S288/outliers\_S288-01-t10\_01.ppm\_S288-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S288/inliers\_S288-01-t10\_01.ppm\_S288-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S288/outliers\_S288-01-t10\_01.ppm\_S288-03-t10\_01.ppm.png

Label: S288

Train Image: S288-01-t10\_01.ppm

Val Image: S288-02-t10\_01.ppm

SIFT Matches: 58

AKAZE Matches: 46

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.932698487398097

Euclidean Distance AKAZE: 2.362310595689839

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.36))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S288/inliers\_S288-01-t10\_01.ppm\_S288-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S288/outliers\_S288-01-t10\_01.ppm\_S288-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S288/inliers\_S288-01-t10\_01.ppm\_S288-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S288/outliers\_S288-01-t10\_01.ppm\_S288-02-t10\_01.ppm.png

Label: S288

Train Image: S288-01-t10\_01.ppm

Val Image: S288-05-t10\_01.ppm

SIFT Matches: 66

AKAZE Matches: 48

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.471407330901455

Euclidean Distance AKAZE: 2.846272170334734

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.85))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S288/inliers\_S288-01-t10\_01.ppm\_S288-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S288/outliers\_S288-01-t10\_01.ppm\_S288-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S288/inliers\_S288-01-t10\_01.ppm\_S288-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S288/outliers\_S288-01-t10\_01.ppm\_S288-05-t10\_01.ppm.png

Label: S288

Train Image: S288-01-t10\_01.ppm

Val Image: S288-04-t10\_01.ppm

SIFT Matches: 54

AKAZE Matches: 44

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.632966985986272

Euclidean Distance AKAZE: 2.668329318248967

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (2.63))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S288/inliers\_S288-01-t10\_01.ppm\_S288-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S288/outliers\_S288-01-t10\_01.ppm\_S288-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S288/inliers\_S288-01-t10\_01.ppm\_S288-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S288/outliers\_S288-01-t10\_01.ppm\_S288-04-t10\_01.ppm.png

Label: S310

Train Image: S310-01-t10\_01.ppm

Val Image: S310-02-t10\_01.ppm

SIFT Matches: 81

AKAZE Matches: 76

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.58049716808474

Euclidean Distance AKAZE: 3.78404261572806

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.58))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S310/inliers\_S310-01-t10\_01.ppm\_S310-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S310/outliers\_S310-01-t10\_01.ppm\_S310-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S310/inliers\_S310-01-t10\_01.ppm\_S310-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S310/outliers\_S310-01-t10\_01.ppm\_S310-02-t10\_01.ppm.png

Label: S310

Train Image: S310-01-t10\_01.ppm

Val Image: S310-04-t10\_01.ppm

SIFT Matches: 72

AKAZE Matches: 65

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.48265283206275

Euclidean Distance AKAZE: 3.711763720342945

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.48))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S310/inliers\_S310-01-t10\_01.ppm\_S310-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S310/outliers\_S310-01-t10\_01.ppm\_S310-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S310/inliers\_S310-01-t10\_01.ppm\_S310-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S310/outliers\_S310-01-t10\_01.ppm\_S310-04-t10\_01.ppm.png

Label: S310

Train Image: S310-03-t10\_01.ppm

Val Image: S310-02-t10\_01.ppm

SIFT Matches: 29

AKAZE Matches: 26

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.317414687595956

Euclidean Distance AKAZE: 1.868991978930938

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.87))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S310/inliers\_S310-03-t10\_01.ppm\_S310-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S310/outliers\_S310-03-t10\_01.ppm\_S310-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S310/inliers\_S310-03-t10\_01.ppm\_S310-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S310/outliers\_S310-03-t10\_01.ppm\_S310-02-t10\_01.ppm.png

Label: S310

Train Image: S310-03-t10\_01.ppm

Val Image: S310-04-t10\_01.ppm

SIFT Matches: 32

AKAZE Matches: 21

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.511203618683533

Euclidean Distance AKAZE: 1.821222577576477

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.82))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S310/inliers\_S310-03-t10\_01.ppm\_S310-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S310/outliers\_S310-03-t10\_01.ppm\_S310-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S310/inliers\_S310-03-t10\_01.ppm\_S310-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S310/outliers\_S310-03-t10\_01.ppm\_S310-04-t10\_01.ppm.png

Label: S297

Train Image: S297-01-t10\_01.ppm

Val Image: S297-02-t10\_01.ppm

SIFT Matches: 90

AKAZE Matches: 27

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.44464655051319

Euclidean Distance AKAZE: 2.043007378626708

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.04))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S297/inliers\_S297-01-t10\_01.ppm\_S297-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S297/outliers\_S297-01-t10\_01.ppm\_S297-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S297/inliers\_S297-01-t10\_01.ppm\_S297-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S297/outliers\_S297-01-t10\_01.ppm\_S297-02-t10\_01.ppm.png

Label: S295

Train Image: S295-01-t10\_02.ppm

Val Image: S295-01-t10\_01.ppm

SIFT Matches: 117

AKAZE Matches: 37

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.272931597148045

Euclidean Distance AKAZE: 2.56310422236377

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.56))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S295/inliers\_S295-01-t10\_02.ppm\_S295-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S295/outliers\_S295-01-t10\_02.ppm\_S295-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S295/inliers\_S295-01-t10\_02.ppm\_S295-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S295/outliers\_S295-01-t10\_02.ppm\_S295-01-t10\_01.ppm.png

Label: S307

Train Image: S307-01-t10\_01.ppm

Val Image: S307-01-t10\_02.ppm

SIFT Matches: 223

AKAZE Matches: 90

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.500236738103369

Euclidean Distance AKAZE: 3.774873949391286

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.77))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S307/inliers\_S307-01-t10\_01.ppm\_S307-01-t10\_02.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S307/outliers\_S307-01-t10\_01.ppm\_S307-01-t10\_02.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S307/inliers\_S307-01-t10\_01.ppm\_S307-01-t10\_02.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S307/outliers\_S307-01-t10\_01.ppm\_S307-01-t10\_02.ppm.png

Label: S313

Train Image: S313-01-t10\_01.ppm

Val Image: S313-02-t10\_01.ppm

SIFT Matches: 155

AKAZE Matches: 129

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.766440603416677

Euclidean Distance AKAZE: 4.555158323252809

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.56))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S313/inliers\_S313-01-t10\_01.ppm\_S313-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S313/outliers\_S313-01-t10\_01.ppm\_S313-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S313/inliers\_S313-01-t10\_01.ppm\_S313-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S313/outliers\_S313-01-t10\_01.ppm\_S313-02-t10\_01.ppm.png

Label: S335

Train Image: S335-02-t10\_01.ppm

Val Image: S335-01-t10\_01.ppm

SIFT Matches: 45

AKAZE Matches: 21

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.594751631083481

Euclidean Distance AKAZE: 1.718979602691853

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.72))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S335/inliers\_S335-02-t10\_01.ppm\_S335-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S335/outliers\_S335-02-t10\_01.ppm\_S335-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S335/inliers\_S335-02-t10\_01.ppm\_S335-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S335/outliers\_S335-02-t10\_01.ppm\_S335-01-t10\_01.ppm.png

Label: S336

Train Image: S336-01-t10\_01.ppm

Val Image: S336-02-t10\_01.ppm

SIFT Matches: 79

AKAZE Matches: 44

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.642059747407267

Euclidean Distance AKAZE: 3.017518393847558

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.02))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S336/inliers\_S336-01-t10\_01.ppm\_S336-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S336/outliers\_S336-01-t10\_01.ppm\_S336-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S336/inliers\_S336-01-t10\_01.ppm\_S336-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S336/outliers\_S336-01-t10\_01.ppm\_S336-02-t10\_01.ppm.png

Label: S325

Train Image: S325-01-t10\_01.ppm

Val Image: S325-01-t10\_02.ppm

SIFT Matches: 1009

AKAZE Matches: 143

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 12.9585955588912

Euclidean Distance AKAZE: 5.116953087499066

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (5.12))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S325/inliers\_S325-01-t10\_01.ppm\_S325-01-t10\_02.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S325/outliers\_S325-01-t10\_01.ppm\_S325-01-t10\_02.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S325/inliers\_S325-01-t10\_01.ppm\_S325-01-t10\_02.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S325/outliers\_S325-01-t10\_01.ppm\_S325-01-t10\_02.ppm.png

Label: S324

Train Image: S324-02-t10\_01.ppm

Val Image: S324-01-t10\_01.ppm

SIFT Matches: 214

AKAZE Matches: 157

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.711647890880833

Euclidean Distance AKAZE: 4.934466070413603

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.93))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S324/inliers\_S324-02-t10\_01.ppm\_S324-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S324/outliers\_S324-02-t10\_01.ppm\_S324-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S324/inliers\_S324-02-t10\_01.ppm\_S324-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S324/outliers\_S324-02-t10\_01.ppm\_S324-01-t10\_01.ppm.png

Label: S333

Train Image: S333-02-t10\_01.ppm

Val Image: S333-01-t10\_01.ppm

SIFT Matches: 127

AKAZE Matches: 69

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.919150207498989

Euclidean Distance AKAZE: 3.228692228432763

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.23))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S333/inliers\_S333-02-t10\_01.ppm\_S333-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S333/outliers\_S333-02-t10\_01.ppm\_S333-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S333/inliers\_S333-02-t10\_01.ppm\_S333-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S333/outliers\_S333-02-t10\_01.ppm\_S333-01-t10\_01.ppm.png

Label: S331

Train Image: S331-02-t10\_01.ppm

Val Image: S331-01-t10\_01.ppm

SIFT Matches: 161

AKAZE Matches: 79

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.79636888023351

Euclidean Distance AKAZE: 3.379766432519209

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.38))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S331/inliers\_S331-02-t10\_01.ppm\_S331-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S331/outliers\_S331-02-t10\_01.ppm\_S331-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S331/inliers\_S331-02-t10\_01.ppm\_S331-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S331/outliers\_S331-02-t10\_01.ppm\_S331-01-t10\_01.ppm.png

Label: S315

Train Image: S315-01-t10\_02.ppm

Val Image: S315-02-t10\_02.ppm

SIFT Matches: 979

AKAZE Matches: 134

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 12.44939852107616

Euclidean Distance AKAZE: 4.428505156405938

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.43))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S315/inliers\_S315-01-t10\_02.ppm\_S315-02-t10\_02.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S315/outliers\_S315-01-t10\_02.ppm\_S315-02-t10\_02.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S315/inliers\_S315-01-t10\_02.ppm\_S315-02-t10\_02.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S315/outliers\_S315-01-t10\_02.ppm\_S315-02-t10\_02.ppm.png

Label: S315

Train Image: S315-01-t10\_02.ppm

Val Image: S315-02-t10\_01.ppm

SIFT Matches: 760

AKAZE Matches: 89

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 11.03464302582463

Euclidean Distance AKAZE: 3.838165456144194

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.84))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S315/inliers\_S315-01-t10\_02.ppm\_S315-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S315/outliers\_S315-01-t10\_02.ppm\_S315-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S315/inliers\_S315-01-t10\_02.ppm\_S315-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S315/outliers\_S315-01-t10\_02.ppm\_S315-02-t10\_01.ppm.png

Label: S315

Train Image: S315-01-t10\_01.ppm

Val Image: S315-02-t10\_02.ppm

SIFT Matches: 879

AKAZE Matches: 99

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 11.53490670944152

Euclidean Distance AKAZE: 3.77351721232231

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.77))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S315/inliers\_S315-01-t10\_01.ppm\_S315-02-t10\_02.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S315/outliers\_S315-01-t10\_01.ppm\_S315-02-t10\_02.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S315/inliers\_S315-01-t10\_01.ppm\_S315-02-t10\_02.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S315/outliers\_S315-01-t10\_01.ppm\_S315-02-t10\_02.ppm.png

Label: S315

Train Image: S315-01-t10\_01.ppm

Val Image: S315-02-t10\_01.ppm

SIFT Matches: 816

AKAZE Matches: 121

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 11.67614334504988

Euclidean Distance AKAZE: 4.819411041331741

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.82))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S315/inliers\_S315-01-t10\_01.ppm\_S315-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S315/outliers\_S315-01-t10\_01.ppm\_S315-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S315/inliers\_S315-01-t10\_01.ppm\_S315-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S315/outliers\_S315-01-t10\_01.ppm\_S315-02-t10\_01.ppm.png

Label: S316

Train Image: S316-07-t10\_01.ppm

Val Image: S316-03-t10\_01.ppm

SIFT Matches: 77

AKAZE Matches: 34

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.654076851604581

Euclidean Distance AKAZE: 1.937119327657187

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.94))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/inliers\_S316-07-t10\_01.ppm\_S316-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/outliers\_S316-07-t10\_01.ppm\_S316-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/inliers\_S316-07-t10\_01.ppm\_S316-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/outliers\_S316-07-t10\_01.ppm\_S316-03-t10\_01.ppm.png

Label: S316

Train Image: S316-07-t10\_01.ppm

Val Image: S316-02-t10\_01.ppm

SIFT Matches: 94

AKAZE Matches: 52

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.814004541268758

Euclidean Distance AKAZE: 2.989362481465174

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.99))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/inliers\_S316-07-t10\_01.ppm\_S316-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/outliers\_S316-07-t10\_01.ppm\_S316-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/inliers\_S316-07-t10\_01.ppm\_S316-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/outliers\_S316-07-t10\_01.ppm\_S316-02-t10\_01.ppm.png

Label: S316

Train Image: S316-07-t10\_01.ppm

Val Image: S316-01-t10\_01.ppm

SIFT Matches: 107

AKAZE Matches: 40

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.605299031617321

Euclidean Distance AKAZE: 2.584193924551411

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.58))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/inliers\_S316-07-t10\_01.ppm\_S316-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/outliers\_S316-07-t10\_01.ppm\_S316-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/inliers\_S316-07-t10\_01.ppm\_S316-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/outliers\_S316-07-t10\_01.ppm\_S316-01-t10\_01.ppm.png

Label: S316

Train Image: S316-07-t10\_01.ppm

Val Image: S316-04-t10\_01.ppm

SIFT Matches: 105

AKAZE Matches: 59

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.880615096970878

Euclidean Distance AKAZE: 3.009818529971365

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.01))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/inliers\_S316-07-t10\_01.ppm\_S316-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/outliers\_S316-07-t10\_01.ppm\_S316-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/inliers\_S316-07-t10\_01.ppm\_S316-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/outliers\_S316-07-t10\_01.ppm\_S316-04-t10\_01.ppm.png

Label: S316

Train Image: S316-08-t10\_01.ppm

Val Image: S316-03-t10\_01.ppm

SIFT Matches: 74

AKAZE Matches: 40

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.570535445297053

Euclidean Distance AKAZE: 2.210730487565427

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.21))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/inliers\_S316-08-t10\_01.ppm\_S316-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/outliers\_S316-08-t10\_01.ppm\_S316-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/inliers\_S316-08-t10\_01.ppm\_S316-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/outliers\_S316-08-t10\_01.ppm\_S316-03-t10\_01.ppm.png

Label: S316

Train Image: S316-08-t10\_01.ppm

Val Image: S316-02-t10\_01.ppm

SIFT Matches: 116

AKAZE Matches: 74

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.13598961441112

Euclidean Distance AKAZE: 2.851486789567354

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.85))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/inliers\_S316-08-t10\_01.ppm\_S316-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/outliers\_S316-08-t10\_01.ppm\_S316-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/inliers\_S316-08-t10\_01.ppm\_S316-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/outliers\_S316-08-t10\_01.ppm\_S316-02-t10\_01.ppm.png

Label: S316

Train Image: S316-08-t10\_01.ppm

Val Image: S316-01-t10\_01.ppm

SIFT Matches: 151

AKAZE Matches: 53

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.320549265893352

Euclidean Distance AKAZE: 2.970357645253383

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.97))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/inliers\_S316-08-t10\_01.ppm\_S316-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/outliers\_S316-08-t10\_01.ppm\_S316-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/inliers\_S316-08-t10\_01.ppm\_S316-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/outliers\_S316-08-t10\_01.ppm\_S316-01-t10\_01.ppm.png

Label: S316

Train Image: S316-08-t10\_01.ppm

Val Image: S316-04-t10\_01.ppm

SIFT Matches: 134

AKAZE Matches: 87

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.736875977780914

Euclidean Distance AKAZE: 4.027762675554917

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.74))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/inliers\_S316-08-t10\_01.ppm\_S316-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/outliers\_S316-08-t10\_01.ppm\_S316-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/inliers\_S316-08-t10\_01.ppm\_S316-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/outliers\_S316-08-t10\_01.ppm\_S316-04-t10\_01.ppm.png

Label: S316

Train Image: S316-05-t10\_01.ppm

Val Image: S316-03-t10\_01.ppm

SIFT Matches: 36

AKAZE Matches: 20

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 1.855869124040516

Euclidean Distance AKAZE: 1.665626966985607

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.67))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/inliers\_S316-05-t10\_01.ppm\_S316-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/outliers\_S316-05-t10\_01.ppm\_S316-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/inliers\_S316-05-t10\_01.ppm\_S316-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/outliers\_S316-05-t10\_01.ppm\_S316-03-t10\_01.ppm.png

Label: S316

Train Image: S316-05-t10\_01.ppm

Val Image: S316-02-t10\_01.ppm

SIFT Matches: 43

AKAZE Matches: 27

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.391954206541989

Euclidean Distance AKAZE: 2.066709953408506

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.07))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/inliers\_S316-05-t10\_01.ppm\_S316-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/outliers\_S316-05-t10\_01.ppm\_S316-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/inliers\_S316-05-t10\_01.ppm\_S316-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/outliers\_S316-05-t10\_01.ppm\_S316-02-t10\_01.ppm.png

Label: S316

Train Image: S316-05-t10\_01.ppm

Val Image: S316-01-t10\_01.ppm

SIFT Matches: 59

AKAZE Matches: 24

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.268680377350462

Euclidean Distance AKAZE: 1.884930215556687

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.88))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/inliers\_S316-05-t10\_01.ppm\_S316-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/outliers\_S316-05-t10\_01.ppm\_S316-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/inliers\_S316-05-t10\_01.ppm\_S316-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/outliers\_S316-05-t10\_01.ppm\_S316-01-t10\_01.ppm.png

Label: S316

Train Image: S316-05-t10\_01.ppm

Val Image: S316-04-t10\_01.ppm

SIFT Matches: 50

AKAZE Matches: 25

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.30655887332159

Euclidean Distance AKAZE: 1.897308952134956

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.90))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/inliers\_S316-05-t10\_01.ppm\_S316-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/outliers\_S316-05-t10\_01.ppm\_S316-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/inliers\_S316-05-t10\_01.ppm\_S316-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/outliers\_S316-05-t10\_01.ppm\_S316-04-t10\_01.ppm.png

Label: S316

Train Image: S316-06-t10\_01.ppm

Val Image: S316-03-t10\_01.ppm

SIFT Matches: 65

AKAZE Matches: 41

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.526237439327749

Euclidean Distance AKAZE: 2.25455298823317

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.25))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/inliers\_S316-06-t10\_01.ppm\_S316-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/outliers\_S316-06-t10\_01.ppm\_S316-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/inliers\_S316-06-t10\_01.ppm\_S316-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/outliers\_S316-06-t10\_01.ppm\_S316-03-t10\_01.ppm.png

Label: S316

Train Image: S316-06-t10\_01.ppm

Val Image: S316-02-t10\_01.ppm

SIFT Matches: 87

AKAZE Matches: 67

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.735498197423849

Euclidean Distance AKAZE: 3.088774106964553

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.09))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/inliers\_S316-06-t10\_01.ppm\_S316-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/outliers\_S316-06-t10\_01.ppm\_S316-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/inliers\_S316-06-t10\_01.ppm\_S316-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/outliers\_S316-06-t10\_01.ppm\_S316-02-t10\_01.ppm.png

Label: S316

Train Image: S316-06-t10\_01.ppm

Val Image: S316-01-t10\_01.ppm

SIFT Matches: 89

AKAZE Matches: 43

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.878345847823489

Euclidean Distance AKAZE: 2.773244594512504

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.77))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/inliers\_S316-06-t10\_01.ppm\_S316-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/outliers\_S316-06-t10\_01.ppm\_S316-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/inliers\_S316-06-t10\_01.ppm\_S316-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/outliers\_S316-06-t10\_01.ppm\_S316-01-t10\_01.ppm.png

Label: S316

Train Image: S316-06-t10\_01.ppm

Val Image: S316-04-t10\_01.ppm

SIFT Matches: 96

AKAZE Matches: 60

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.15975771629265

Euclidean Distance AKAZE: 3.414659872303932

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.16))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/inliers\_S316-06-t10\_01.ppm\_S316-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S316/outliers\_S316-06-t10\_01.ppm\_S316-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/inliers\_S316-06-t10\_01.ppm\_S316-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S316/outliers\_S316-06-t10\_01.ppm\_S316-04-t10\_01.ppm.png

Label: S321

Train Image: S321-03-t10\_02.ppm

Val Image: S321-03-t10\_01.ppm

SIFT Matches: 1164

AKAZE Matches: 128

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 13.86758734280398

Euclidean Distance AKAZE: 4.074238020435489

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.07))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S321/inliers\_S321-03-t10\_02.ppm\_S321-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S321/outliers\_S321-03-t10\_02.ppm\_S321-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S321/inliers\_S321-03-t10\_02.ppm\_S321-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S321/outliers\_S321-03-t10\_02.ppm\_S321-03-t10\_01.ppm.png

Label: S321

Train Image: S321-03-t10\_02.ppm

Val Image: S321-01-t10\_01.ppm

SIFT Matches: 106

AKAZE Matches: 35

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.388941593398853

Euclidean Distance AKAZE: 2.233649123144835

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.23))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S321/inliers\_S321-03-t10\_02.ppm\_S321-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S321/outliers\_S321-03-t10\_02.ppm\_S321-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S321/inliers\_S321-03-t10\_02.ppm\_S321-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S321/outliers\_S321-03-t10\_02.ppm\_S321-01-t10\_01.ppm.png

Label: S321

Train Image: S321-03-t10\_02.ppm

Val Image: S321-02-t10\_01.ppm

SIFT Matches: 209

AKAZE Matches: 78

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.027294121499946

Euclidean Distance AKAZE: 3.221475733973342

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.22))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S321/inliers\_S321-03-t10\_02.ppm\_S321-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S321/outliers\_S321-03-t10\_02.ppm\_S321-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S321/inliers\_S321-03-t10\_02.ppm\_S321-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S321/outliers\_S321-03-t10\_02.ppm\_S321-02-t10\_01.ppm.png

Label: S364

Train Image: S364-02-t10\_01.ppm

Val Image: S364-01-t10\_01.ppm

SIFT Matches: 46

AKAZE Matches: 25

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.005261498082728

Euclidean Distance AKAZE: 2.015698633851724

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.02))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S364/inliers\_S364-02-t10\_01.ppm\_S364-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S364/outliers\_S364-02-t10\_01.ppm\_S364-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S364/inliers\_S364-02-t10\_01.ppm\_S364-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S364/outliers\_S364-02-t10\_01.ppm\_S364-01-t10\_01.ppm.png

Label: S357

Train Image: S357-02-t10\_01.ppm

Val Image: S357-01-t10\_01.ppm

SIFT Matches: 46

AKAZE Matches: 24

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.898570305764201

Euclidean Distance AKAZE: 2.181600057160141

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.18))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S357/inliers\_S357-02-t10\_01.ppm\_S357-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S357/outliers\_S357-02-t10\_01.ppm\_S357-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S357/inliers\_S357-02-t10\_01.ppm\_S357-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S357/outliers\_S357-02-t10\_01.ppm\_S357-01-t10\_01.ppm.png

Label: S355

Train Image: S355-01-t10\_01.ppm

Val Image: S355-02-t10\_01.ppm

SIFT Matches: 48

AKAZE Matches: 31

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.801124609495768

Euclidean Distance AKAZE: 2.509158342758944

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.51))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S355/inliers\_S355-01-t10\_01.ppm\_S355-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S355/outliers\_S355-01-t10\_01.ppm\_S355-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S355/inliers\_S355-01-t10\_01.ppm\_S355-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S355/outliers\_S355-01-t10\_01.ppm\_S355-02-t10\_01.ppm.png

Label: S341

Train Image: S341-01-t10\_01.ppm

Val Image: S341-02-t10\_01.ppm

SIFT Matches: 71

AKAZE Matches: 64

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.494802924550662

Euclidean Distance AKAZE: 3.003706160285735

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.00))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S341/inliers\_S341-01-t10\_01.ppm\_S341-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S341/outliers\_S341-01-t10\_01.ppm\_S341-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S341/inliers\_S341-01-t10\_01.ppm\_S341-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S341/outliers\_S341-01-t10\_01.ppm\_S341-02-t10\_01.ppm.png

Label: S352

Train Image: S352-03-t10\_01.ppm

Val Image: S352-01-t10\_01.ppm

SIFT Matches: 80

AKAZE Matches: 48

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.506630145338122

Euclidean Distance AKAZE: 2.956325740953992

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.96))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S352/inliers\_S352-03-t10\_01.ppm\_S352-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S352/outliers\_S352-03-t10\_01.ppm\_S352-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S352/inliers\_S352-03-t10\_01.ppm\_S352-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S352/outliers\_S352-03-t10\_01.ppm\_S352-01-t10\_01.ppm.png

Label: S352

Train Image: S352-03-t10\_01.ppm

Val Image: S352-02-t10\_01.ppm

SIFT Matches: 114

AKAZE Matches: 101

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.489958314303754

Euclidean Distance AKAZE: 3.201527588690158

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.20))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S352/inliers\_S352-03-t10\_01.ppm\_S352-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S352/outliers\_S352-03-t10\_01.ppm\_S352-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S352/inliers\_S352-03-t10\_01.ppm\_S352-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S352/outliers\_S352-03-t10\_01.ppm\_S352-02-t10\_01.ppm.png

Label: S352

Train Image: S352-04-t10\_01.ppm

Val Image: S352-01-t10\_01.ppm

SIFT Matches: 46

AKAZE Matches: 24

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.467472196252181

Euclidean Distance AKAZE: 2.053500791523113

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.05))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S352/inliers\_S352-04-t10\_01.ppm\_S352-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S352/outliers\_S352-04-t10\_01.ppm\_S352-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S352/inliers\_S352-04-t10\_01.ppm\_S352-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S352/outliers\_S352-04-t10\_01.ppm\_S352-01-t10\_01.ppm.png

Label: S352

Train Image: S352-04-t10\_01.ppm

Val Image: S352-02-t10\_01.ppm

SIFT Matches: 60

AKAZE Matches: 39

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.778744586376401

Euclidean Distance AKAZE: 1.814908403056232

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.81))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S352/inliers\_S352-04-t10\_01.ppm\_S352-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S352/outliers\_S352-04-t10\_01.ppm\_S352-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S352/inliers\_S352-04-t10\_01.ppm\_S352-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S352/outliers\_S352-04-t10\_01.ppm\_S352-02-t10\_01.ppm.png

Label: S346

Train Image: S346-02-t10\_01.ppm

Val Image: S346-03-t10\_01.ppm

SIFT Matches: 62

AKAZE Matches: 43

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.189247537948155

Euclidean Distance AKAZE: 2.626970690926594

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.63))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S346/inliers\_S346-02-t10\_01.ppm\_S346-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S346/outliers\_S346-02-t10\_01.ppm\_S346-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S346/inliers\_S346-02-t10\_01.ppm\_S346-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S346/outliers\_S346-02-t10\_01.ppm\_S346-03-t10\_01.ppm.png

Label: S346

Train Image: S346-01-t10\_01.ppm

Val Image: S346-03-t10\_01.ppm

SIFT Matches: 55

AKAZE Matches: 38

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.495714804764449

Euclidean Distance AKAZE: 2.082513123586485

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.08))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S346/inliers\_S346-01-t10\_01.ppm\_S346-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S346/outliers\_S346-01-t10\_01.ppm\_S346-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S346/inliers\_S346-01-t10\_01.ppm\_S346-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S346/outliers\_S346-01-t10\_01.ppm\_S346-03-t10\_01.ppm.png

Label: S354

Train Image: S354-02-t10\_01.ppm

Val Image: S354-04-t10\_01.ppm

SIFT Matches: 158

AKAZE Matches: 78

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.147554768456042

Euclidean Distance AKAZE: 3.742763904578179

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.74))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S354/inliers\_S354-02-t10\_01.ppm\_S354-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S354/outliers\_S354-02-t10\_01.ppm\_S354-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S354/inliers\_S354-02-t10\_01.ppm\_S354-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S354/outliers\_S354-02-t10\_01.ppm\_S354-04-t10\_01.ppm.png

Label: S354

Train Image: S354-02-t10\_01.ppm

Val Image: S354-03-t10\_01.ppm

SIFT Matches: 124

AKAZE Matches: 108

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.421065836871249

Euclidean Distance AKAZE: 4.290600426780578

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.29))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S354/inliers\_S354-02-t10\_01.ppm\_S354-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S354/outliers\_S354-02-t10\_01.ppm\_S354-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S354/inliers\_S354-02-t10\_01.ppm\_S354-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S354/outliers\_S354-02-t10\_01.ppm\_S354-03-t10\_01.ppm.png

Label: S354

Train Image: S354-02-t10\_01.ppm

Val Image: S354-01-t10\_01.ppm

SIFT Matches: 165

AKAZE Matches: 94

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.850190656586787

Euclidean Distance AKAZE: 3.494704091711016

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.49))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S354/inliers\_S354-02-t10\_01.ppm\_S354-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S354/outliers\_S354-02-t10\_01.ppm\_S354-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S354/inliers\_S354-02-t10\_01.ppm\_S354-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S354/outliers\_S354-02-t10\_01.ppm\_S354-01-t10\_01.ppm.png

Label: S353

Train Image: S353-03-t10\_01.ppm

Val Image: S353-08-t10\_01.ppm

SIFT Matches: 32

AKAZE Matches: 26

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 1.89438605776924

Euclidean Distance AKAZE: 1.899482124439529

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (1.89))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S353/inliers\_S353-03-t10\_01.ppm\_S353-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S353/outliers\_S353-03-t10\_01.ppm\_S353-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S353/inliers\_S353-03-t10\_01.ppm\_S353-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S353/outliers\_S353-03-t10\_01.ppm\_S353-08-t10\_01.ppm.png

Label: S353

Train Image: S353-03-t10\_01.ppm

Val Image: S353-05-t10\_01.ppm

SIFT Matches: 21

AKAZE Matches: 12

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 1.809469570488905

Euclidean Distance AKAZE: 1.565429640903676

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.57))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S353/inliers\_S353-03-t10\_01.ppm\_S353-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S353/outliers\_S353-03-t10\_01.ppm\_S353-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S353/inliers\_S353-03-t10\_01.ppm\_S353-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S353/outliers\_S353-03-t10\_01.ppm\_S353-05-t10\_01.ppm.png

Label: S353

Train Image: S353-01-t10\_01.ppm

Val Image: S353-08-t10\_01.ppm

SIFT Matches: 60

AKAZE Matches: 49

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.412516352332406

Euclidean Distance AKAZE: 2.932470343309594

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (2.41))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S353/inliers\_S353-01-t10\_01.ppm\_S353-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S353/outliers\_S353-01-t10\_01.ppm\_S353-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S353/inliers\_S353-01-t10\_01.ppm\_S353-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S353/outliers\_S353-01-t10\_01.ppm\_S353-08-t10\_01.ppm.png

Label: S353

Train Image: S353-01-t10\_01.ppm

Val Image: S353-05-t10\_01.ppm

SIFT Matches: 35

AKAZE Matches: 17

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 1.643941782788752

Euclidean Distance AKAZE: 1.719736603187408

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (1.64))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S353/inliers\_S353-01-t10\_01.ppm\_S353-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S353/outliers\_S353-01-t10\_01.ppm\_S353-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S353/inliers\_S353-01-t10\_01.ppm\_S353-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S353/outliers\_S353-01-t10\_01.ppm\_S353-05-t10\_01.ppm.png

Label: S353

Train Image: S353-02-t10\_01.ppm

Val Image: S353-08-t10\_01.ppm

SIFT Matches: 50

AKAZE Matches: 43

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.489176031389982

Euclidean Distance AKAZE: 2.568001330271829

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (2.49))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S353/inliers\_S353-02-t10\_01.ppm\_S353-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S353/outliers\_S353-02-t10\_01.ppm\_S353-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S353/inliers\_S353-02-t10\_01.ppm\_S353-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S353/outliers\_S353-02-t10\_01.ppm\_S353-08-t10\_01.ppm.png

Label: S353

Train Image: S353-02-t10\_01.ppm

Val Image: S353-05-t10\_01.ppm

SIFT Matches: 36

AKAZE Matches: 20

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.855228815084124

Euclidean Distance AKAZE: 1.693467347707962

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.69))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S353/inliers\_S353-02-t10\_01.ppm\_S353-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S353/outliers\_S353-02-t10\_01.ppm\_S353-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S353/inliers\_S353-02-t10\_01.ppm\_S353-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S353/outliers\_S353-02-t10\_01.ppm\_S353-05-t10\_01.ppm.png

Label: S353

Train Image: S353-06-t10\_01.ppm

Val Image: S353-08-t10\_01.ppm

SIFT Matches: 30

AKAZE Matches: 16

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.347940184658841

Euclidean Distance AKAZE: 1.199208067192013

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.20))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S353/inliers\_S353-06-t10\_01.ppm\_S353-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S353/outliers\_S353-06-t10\_01.ppm\_S353-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S353/inliers\_S353-06-t10\_01.ppm\_S353-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S353/outliers\_S353-06-t10\_01.ppm\_S353-08-t10\_01.ppm.png

Label: S353

Train Image: S353-06-t10\_01.ppm

Val Image: S353-05-t10\_01.ppm

SIFT Matches: 24

AKAZE Matches: 11

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 1.993438534338004

Euclidean Distance AKAZE: 0.8042679312588126

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (0.80))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S353/inliers\_S353-06-t10\_01.ppm\_S353-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S353/outliers\_S353-06-t10\_01.ppm\_S353-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S353/inliers\_S353-06-t10\_01.ppm\_S353-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S353/outliers\_S353-06-t10\_01.ppm\_S353-05-t10\_01.ppm.png

Label: S353

Train Image: S353-07-t10\_01.ppm

Val Image: S353-08-t10\_01.ppm

SIFT Matches: 42

AKAZE Matches: 39

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.632399626079087

Euclidean Distance AKAZE: 2.441340234598898

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.44))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S353/inliers\_S353-07-t10\_01.ppm\_S353-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S353/outliers\_S353-07-t10\_01.ppm\_S353-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S353/inliers\_S353-07-t10\_01.ppm\_S353-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S353/outliers\_S353-07-t10\_01.ppm\_S353-08-t10\_01.ppm.png

Label: S353

Train Image: S353-07-t10\_01.ppm

Val Image: S353-05-t10\_01.ppm

SIFT Matches: 31

AKAZE Matches: 24

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.674905728828803

Euclidean Distance AKAZE: 2.363441747799496

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.36))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S353/inliers\_S353-07-t10\_01.ppm\_S353-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S353/outliers\_S353-07-t10\_01.ppm\_S353-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S353/inliers\_S353-07-t10\_01.ppm\_S353-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S353/outliers\_S353-07-t10\_01.ppm\_S353-05-t10\_01.ppm.png

Label: S353

Train Image: S353-04-t10\_01.ppm

Val Image: S353-08-t10\_01.ppm

SIFT Matches: 62

AKAZE Matches: 40

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.098433055485101

Euclidean Distance AKAZE: 2.487637885435392

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.49))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S353/inliers\_S353-04-t10\_01.ppm\_S353-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S353/outliers\_S353-04-t10\_01.ppm\_S353-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S353/inliers\_S353-04-t10\_01.ppm\_S353-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S353/outliers\_S353-04-t10\_01.ppm\_S353-08-t10\_01.ppm.png

Label: S353

Train Image: S353-04-t10\_01.ppm

Val Image: S353-05-t10\_01.ppm

SIFT Matches: 46

AKAZE Matches: 21

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.652037291762546

Euclidean Distance AKAZE: 2.275051262287354

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.28))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S353/inliers\_S353-04-t10\_01.ppm\_S353-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S353/outliers\_S353-04-t10\_01.ppm\_S353-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S353/inliers\_S353-04-t10\_01.ppm\_S353-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S353/outliers\_S353-04-t10\_01.ppm\_S353-05-t10\_01.ppm.png

Label: S351

Train Image: S351-01-t10\_01.ppm

Val Image: S351-02-t10\_01.ppm

SIFT Matches: 118

AKAZE Matches: 61

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.280125453688644

Euclidean Distance AKAZE: 2.905054910010818

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.91))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S351/inliers\_S351-01-t10\_01.ppm\_S351-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S351/outliers\_S351-01-t10\_01.ppm\_S351-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S351/inliers\_S351-01-t10\_01.ppm\_S351-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S351/outliers\_S351-01-t10\_01.ppm\_S351-02-t10\_01.ppm.png

Label: S350

Train Image: S350-02-t10\_01.ppm

Val Image: S350-01-t10\_01.ppm

SIFT Matches: 69

AKAZE Matches: 37

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.399876658407287

Euclidean Distance AKAZE: 2.938967023604372

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.94))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S350/inliers\_S350-02-t10\_01.ppm\_S350-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S350/outliers\_S350-02-t10\_01.ppm\_S350-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S350/inliers\_S350-02-t10\_01.ppm\_S350-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S350/outliers\_S350-02-t10\_01.ppm\_S350-01-t10\_01.ppm.png

Label: S375

Train Image: S375-02-t10\_01.ppm

Val Image: S375-01-t10\_01.ppm

SIFT Matches: 73

AKAZE Matches: 59

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.481459779418318

Euclidean Distance AKAZE: 3.502089820269215

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.48))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S375/inliers\_S375-02-t10\_01.ppm\_S375-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S375/outliers\_S375-02-t10\_01.ppm\_S375-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S375/inliers\_S375-02-t10\_01.ppm\_S375-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S375/outliers\_S375-02-t10\_01.ppm\_S375-01-t10\_01.ppm.png

Label: S382

Train Image: S382-05-t10\_01.ppm

Val Image: S382-08-t10\_01.ppm

SIFT Matches: 82

AKAZE Matches: 43

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.852250555527235

Euclidean Distance AKAZE: 2.609341390433199

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.61))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/inliers\_S382-05-t10\_01.ppm\_S382-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/outliers\_S382-05-t10\_01.ppm\_S382-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/inliers\_S382-05-t10\_01.ppm\_S382-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/outliers\_S382-05-t10\_01.ppm\_S382-08-t10\_01.ppm.png

Label: S382

Train Image: S382-05-t10\_01.ppm

Val Image: S382-10-t10\_01.ppm

SIFT Matches: 110

AKAZE Matches: 71

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.199273664067056

Euclidean Distance AKAZE: 2.979439723643879

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.98))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/inliers\_S382-05-t10\_01.ppm\_S382-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/outliers\_S382-05-t10\_01.ppm\_S382-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/inliers\_S382-05-t10\_01.ppm\_S382-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/outliers\_S382-05-t10\_01.ppm\_S382-10-t10\_01.ppm.png

Label: S382

Train Image: S382-05-t10\_01.ppm

Val Image: S382-01-t10\_01.ppm

SIFT Matches: 102

AKAZE Matches: 56

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.098827225787351

Euclidean Distance AKAZE: 2.662308114493146

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.66))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/inliers\_S382-05-t10\_01.ppm\_S382-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/outliers\_S382-05-t10\_01.ppm\_S382-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/inliers\_S382-05-t10\_01.ppm\_S382-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/outliers\_S382-05-t10\_01.ppm\_S382-01-t10\_01.ppm.png

Label: S382

Train Image: S382-05-t10\_01.ppm

Val Image: S382-06-t10\_01.ppm

SIFT Matches: 127

AKAZE Matches: 73

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.270214802929

Euclidean Distance AKAZE: 3.482433709853004

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.48))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/inliers\_S382-05-t10\_01.ppm\_S382-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/outliers\_S382-05-t10\_01.ppm\_S382-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/inliers\_S382-05-t10\_01.ppm\_S382-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/outliers\_S382-05-t10\_01.ppm\_S382-06-t10\_01.ppm.png

Label: S382

Train Image: S382-05-t10\_01.ppm

Val Image: S382-03-t10\_01.ppm

SIFT Matches: 116

AKAZE Matches: 52

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.669287165026222

Euclidean Distance AKAZE: 2.824567403541107

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.82))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/inliers\_S382-05-t10\_01.ppm\_S382-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/outliers\_S382-05-t10\_01.ppm\_S382-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/inliers\_S382-05-t10\_01.ppm\_S382-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/outliers\_S382-05-t10\_01.ppm\_S382-03-t10\_01.ppm.png

Label: S382

Train Image: S382-05-t10\_01.ppm

Val Image: S382-02-t10\_01.ppm

SIFT Matches: 90

AKAZE Matches: 54

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.584653746515295

Euclidean Distance AKAZE: 2.536712959521941

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.54))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/inliers\_S382-05-t10\_01.ppm\_S382-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/outliers\_S382-05-t10\_01.ppm\_S382-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/inliers\_S382-05-t10\_01.ppm\_S382-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/outliers\_S382-05-t10\_01.ppm\_S382-02-t10\_01.ppm.png

Label: S382

Train Image: S382-05-t10\_01.ppm

Val Image: S382-07-t10\_01.ppm

SIFT Matches: 105

AKAZE Matches: 76

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.144460759730787

Euclidean Distance AKAZE: 3.682531033554233

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.68))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/inliers\_S382-05-t10\_01.ppm\_S382-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/outliers\_S382-05-t10\_01.ppm\_S382-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/inliers\_S382-05-t10\_01.ppm\_S382-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/outliers\_S382-05-t10\_01.ppm\_S382-07-t10\_01.ppm.png

Label: S382

Train Image: S382-09-t10\_01.ppm

Val Image: S382-08-t10\_01.ppm

SIFT Matches: 127

AKAZE Matches: 53

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.235430478251281

Euclidean Distance AKAZE: 2.223053906641117

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.22))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/inliers\_S382-09-t10\_01.ppm\_S382-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/outliers\_S382-09-t10\_01.ppm\_S382-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/inliers\_S382-09-t10\_01.ppm\_S382-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/outliers\_S382-09-t10\_01.ppm\_S382-08-t10\_01.ppm.png

Label: S382

Train Image: S382-09-t10\_01.ppm

Val Image: S382-10-t10\_01.ppm

SIFT Matches: 100

AKAZE Matches: 49

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.076066807172825

Euclidean Distance AKAZE: 2.968955903561516

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.97))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/inliers\_S382-09-t10\_01.ppm\_S382-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/outliers\_S382-09-t10\_01.ppm\_S382-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/inliers\_S382-09-t10\_01.ppm\_S382-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/outliers\_S382-09-t10\_01.ppm\_S382-10-t10\_01.ppm.png

Label: S382

Train Image: S382-09-t10\_01.ppm

Val Image: S382-01-t10\_01.ppm

SIFT Matches: 102

AKAZE Matches: 31

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.026099069381358

Euclidean Distance AKAZE: 2.080231368317764

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.08))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/inliers\_S382-09-t10\_01.ppm\_S382-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/outliers\_S382-09-t10\_01.ppm\_S382-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/inliers\_S382-09-t10\_01.ppm\_S382-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/outliers\_S382-09-t10\_01.ppm\_S382-01-t10\_01.ppm.png

Label: S382

Train Image: S382-09-t10\_01.ppm

Val Image: S382-06-t10\_01.ppm

SIFT Matches: 133

AKAZE Matches: 37

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.745464319205198

Euclidean Distance AKAZE: 2.661275084751921

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.66))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/inliers\_S382-09-t10\_01.ppm\_S382-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/outliers\_S382-09-t10\_01.ppm\_S382-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/inliers\_S382-09-t10\_01.ppm\_S382-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/outliers\_S382-09-t10\_01.ppm\_S382-06-t10\_01.ppm.png

Label: S382

Train Image: S382-09-t10\_01.ppm

Val Image: S382-03-t10\_01.ppm

SIFT Matches: 127

AKAZE Matches: 36

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.404972937387237

Euclidean Distance AKAZE: 2.544445281594709

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.54))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/inliers\_S382-09-t10\_01.ppm\_S382-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/outliers\_S382-09-t10\_01.ppm\_S382-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/inliers\_S382-09-t10\_01.ppm\_S382-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/outliers\_S382-09-t10\_01.ppm\_S382-03-t10\_01.ppm.png

Label: S382

Train Image: S382-09-t10\_01.ppm

Val Image: S382-02-t10\_01.ppm

SIFT Matches: 84

AKAZE Matches: 32

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.502494266779199

Euclidean Distance AKAZE: 2.284872514987335

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.28))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/inliers\_S382-09-t10\_01.ppm\_S382-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/outliers\_S382-09-t10\_01.ppm\_S382-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/inliers\_S382-09-t10\_01.ppm\_S382-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/outliers\_S382-09-t10\_01.ppm\_S382-02-t10\_01.ppm.png

Label: S382

Train Image: S382-09-t10\_01.ppm

Val Image: S382-07-t10\_01.ppm

SIFT Matches: 112

AKAZE Matches: 38

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.332685307260872

Euclidean Distance AKAZE: 2.414248302222881

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.41))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/inliers\_S382-09-t10\_01.ppm\_S382-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/outliers\_S382-09-t10\_01.ppm\_S382-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/inliers\_S382-09-t10\_01.ppm\_S382-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/outliers\_S382-09-t10\_01.ppm\_S382-07-t10\_01.ppm.png

Label: S382

Train Image: S382-04-t10\_01.ppm

Val Image: S382-08-t10\_01.ppm

SIFT Matches: 111

AKAZE Matches: 39

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.305259342418254

Euclidean Distance AKAZE: 2.743583777091628

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.74))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/inliers\_S382-04-t10\_01.ppm\_S382-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/outliers\_S382-04-t10\_01.ppm\_S382-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/inliers\_S382-04-t10\_01.ppm\_S382-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/outliers\_S382-04-t10\_01.ppm\_S382-08-t10\_01.ppm.png

Label: S382

Train Image: S382-04-t10\_01.ppm

Val Image: S382-10-t10\_01.ppm

SIFT Matches: 179

AKAZE Matches: 90

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.494517092028226

Euclidean Distance AKAZE: 3.744027876443293

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.74))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/inliers\_S382-04-t10\_01.ppm\_S382-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/outliers\_S382-04-t10\_01.ppm\_S382-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/inliers\_S382-04-t10\_01.ppm\_S382-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/outliers\_S382-04-t10\_01.ppm\_S382-10-t10\_01.ppm.png

Label: S382

Train Image: S382-04-t10\_01.ppm

Val Image: S382-01-t10\_01.ppm

SIFT Matches: 200

AKAZE Matches: 82

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.928406252928013

Euclidean Distance AKAZE: 3.086417456875495

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.09))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/inliers\_S382-04-t10\_01.ppm\_S382-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/outliers\_S382-04-t10\_01.ppm\_S382-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/inliers\_S382-04-t10\_01.ppm\_S382-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/outliers\_S382-04-t10\_01.ppm\_S382-01-t10\_01.ppm.png

Label: S382

Train Image: S382-04-t10\_01.ppm

Val Image: S382-06-t10\_01.ppm

SIFT Matches: 295

AKAZE Matches: 106

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.995373053618176

Euclidean Distance AKAZE: 3.993986755920166

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.99))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/inliers\_S382-04-t10\_01.ppm\_S382-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/outliers\_S382-04-t10\_01.ppm\_S382-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/inliers\_S382-04-t10\_01.ppm\_S382-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/outliers\_S382-04-t10\_01.ppm\_S382-06-t10\_01.ppm.png

Label: S382

Train Image: S382-04-t10\_01.ppm

Val Image: S382-03-t10\_01.ppm

SIFT Matches: 281

AKAZE Matches: 68

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.765317608174951

Euclidean Distance AKAZE: 3.005960171753196

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.01))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/inliers\_S382-04-t10\_01.ppm\_S382-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/outliers\_S382-04-t10\_01.ppm\_S382-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/inliers\_S382-04-t10\_01.ppm\_S382-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/outliers\_S382-04-t10\_01.ppm\_S382-03-t10\_01.ppm.png

Label: S382

Train Image: S382-04-t10\_01.ppm

Val Image: S382-02-t10\_01.ppm

SIFT Matches: 174

AKAZE Matches: 66

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.353804604106495

Euclidean Distance AKAZE: 3.29116251280667

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.29))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/inliers\_S382-04-t10\_01.ppm\_S382-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/outliers\_S382-04-t10\_01.ppm\_S382-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/inliers\_S382-04-t10\_01.ppm\_S382-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/outliers\_S382-04-t10\_01.ppm\_S382-02-t10\_01.ppm.png

Label: S382

Train Image: S382-04-t10\_01.ppm

Val Image: S382-07-t10\_01.ppm

SIFT Matches: 214

AKAZE Matches: 113

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.91556612167767

Euclidean Distance AKAZE: 4.158715556396635

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.16))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/inliers\_S382-04-t10\_01.ppm\_S382-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S382/outliers\_S382-04-t10\_01.ppm\_S382-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/inliers\_S382-04-t10\_01.ppm\_S382-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S382/outliers\_S382-04-t10\_01.ppm\_S382-07-t10\_01.ppm.png

Label: S385

Train Image: S385-02-t10\_01.ppm

Val Image: S385-01-t10\_01.ppm

SIFT Matches: 157

AKAZE Matches: 76

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.032921235826532

Euclidean Distance AKAZE: 3.652136096166249

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.65))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S385/inliers\_S385-02-t10\_01.ppm\_S385-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S385/outliers\_S385-02-t10\_01.ppm\_S385-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S385/inliers\_S385-02-t10\_01.ppm\_S385-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S385/outliers\_S385-02-t10\_01.ppm\_S385-01-t10\_01.ppm.png

Label: S384

Train Image: S384-01-t10\_01.ppm

Val Image: S384-02-t10\_01.ppm

SIFT Matches: 74

AKAZE Matches: 30

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.790279185446238

Euclidean Distance AKAZE: 2.356387875631592

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.36))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S384/inliers\_S384-01-t10\_01.ppm\_S384-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S384/outliers\_S384-01-t10\_01.ppm\_S384-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S384/inliers\_S384-01-t10\_01.ppm\_S384-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S384/outliers\_S384-01-t10\_01.ppm\_S384-02-t10\_01.ppm.png

Label: S373

Train Image: S373-06-t10\_01.ppm

Val Image: S373-05-t10\_01.ppm

SIFT Matches: 137

AKAZE Matches: 71

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.548240396964993

Euclidean Distance AKAZE: 2.677541944596147

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.68))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S373/inliers\_S373-06-t10\_01.ppm\_S373-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S373/outliers\_S373-06-t10\_01.ppm\_S373-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S373/inliers\_S373-06-t10\_01.ppm\_S373-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S373/outliers\_S373-06-t10\_01.ppm\_S373-05-t10\_01.ppm.png

Label: S373

Train Image: S373-06-t10\_01.ppm

Val Image: S373-02-t10\_01.ppm

SIFT Matches: 150

AKAZE Matches: 66

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.575744426791398

Euclidean Distance AKAZE: 3.272233489543895

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.27))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S373/inliers\_S373-06-t10\_01.ppm\_S373-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S373/outliers\_S373-06-t10\_01.ppm\_S373-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S373/inliers\_S373-06-t10\_01.ppm\_S373-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S373/outliers\_S373-06-t10\_01.ppm\_S373-02-t10\_01.ppm.png

Label: S373

Train Image: S373-06-t10\_01.ppm

Val Image: S373-04-t10\_01.ppm

SIFT Matches: 101

AKAZE Matches: 57

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.07052800622778

Euclidean Distance AKAZE: 3.035688274468034

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.04))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S373/inliers\_S373-06-t10\_01.ppm\_S373-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S373/outliers\_S373-06-t10\_01.ppm\_S373-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S373/inliers\_S373-06-t10\_01.ppm\_S373-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S373/outliers\_S373-06-t10\_01.ppm\_S373-04-t10\_01.ppm.png

Label: S373

Train Image: S373-01-t10\_01.ppm

Val Image: S373-05-t10\_01.ppm

SIFT Matches: 151

AKAZE Matches: 83

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.680647272025661

Euclidean Distance AKAZE: 3.171100845975399

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.17))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S373/inliers\_S373-01-t10\_01.ppm\_S373-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S373/outliers\_S373-01-t10\_01.ppm\_S373-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S373/inliers\_S373-01-t10\_01.ppm\_S373-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S373/outliers\_S373-01-t10\_01.ppm\_S373-05-t10\_01.ppm.png

Label: S373

Train Image: S373-01-t10\_01.ppm

Val Image: S373-02-t10\_01.ppm

SIFT Matches: 135

AKAZE Matches: 74

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.753735976207738

Euclidean Distance AKAZE: 3.705459972072175

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.71))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S373/inliers\_S373-01-t10\_01.ppm\_S373-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S373/outliers\_S373-01-t10\_01.ppm\_S373-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S373/inliers\_S373-01-t10\_01.ppm\_S373-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S373/outliers\_S373-01-t10\_01.ppm\_S373-02-t10\_01.ppm.png

Label: S373

Train Image: S373-01-t10\_01.ppm

Val Image: S373-04-t10\_01.ppm

SIFT Matches: 98

AKAZE Matches: 56

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.745201535074481

Euclidean Distance AKAZE: 2.778943423507679

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.78))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S373/inliers\_S373-01-t10\_01.ppm\_S373-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S373/outliers\_S373-01-t10\_01.ppm\_S373-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S373/inliers\_S373-01-t10\_01.ppm\_S373-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S373/outliers\_S373-01-t10\_01.ppm\_S373-04-t10\_01.ppm.png

Label: S373

Train Image: S373-03-t10\_01.ppm

Val Image: S373-05-t10\_01.ppm

SIFT Matches: 120

AKAZE Matches: 97

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.691370654585601

Euclidean Distance AKAZE: 4.00248743784418

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.00))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S373/inliers\_S373-03-t10\_01.ppm\_S373-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S373/outliers\_S373-03-t10\_01.ppm\_S373-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S373/inliers\_S373-03-t10\_01.ppm\_S373-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S373/outliers\_S373-03-t10\_01.ppm\_S373-05-t10\_01.ppm.png

Label: S373

Train Image: S373-03-t10\_01.ppm

Val Image: S373-02-t10\_01.ppm

SIFT Matches: 111

AKAZE Matches: 96

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.372486956357537

Euclidean Distance AKAZE: 3.909441636820874

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.91))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S373/inliers\_S373-03-t10\_01.ppm\_S373-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S373/outliers\_S373-03-t10\_01.ppm\_S373-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S373/inliers\_S373-03-t10\_01.ppm\_S373-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S373/outliers\_S373-03-t10\_01.ppm\_S373-02-t10\_01.ppm.png

Label: S373

Train Image: S373-03-t10\_01.ppm

Val Image: S373-04-t10\_01.ppm

SIFT Matches: 101

AKAZE Matches: 66

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.910916842506979

Euclidean Distance AKAZE: 3.131146673472761

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.13))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S373/inliers\_S373-03-t10\_01.ppm\_S373-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S373/outliers\_S373-03-t10\_01.ppm\_S373-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S373/inliers\_S373-03-t10\_01.ppm\_S373-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S373/outliers\_S373-03-t10\_01.ppm\_S373-04-t10\_01.ppm.png

Label: S383

Train Image: S383-02-t10\_01.ppm

Val Image: S383-01-t10\_01.ppm

SIFT Matches: 110

AKAZE Matches: 83

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.59359020717238

Euclidean Distance AKAZE: 3.288275894715571

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.29))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S383/inliers\_S383-02-t10\_01.ppm\_S383-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S383/outliers\_S383-02-t10\_01.ppm\_S383-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S383/inliers\_S383-02-t10\_01.ppm\_S383-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S383/outliers\_S383-02-t10\_01.ppm\_S383-01-t10\_01.ppm.png

Label: S380

Train Image: S380-02-t10\_01.ppm

Val Image: S380-01-t10\_01.ppm

SIFT Matches: 106

AKAZE Matches: 65

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.066600670656096

Euclidean Distance AKAZE: 3.343584852386882

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.34))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S380/inliers\_S380-02-t10\_01.ppm\_S380-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S380/outliers\_S380-02-t10\_01.ppm\_S380-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S380/inliers\_S380-02-t10\_01.ppm\_S380-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S380/outliers\_S380-02-t10\_01.ppm\_S380-01-t10\_01.ppm.png

Label: S380

Train Image: S380-02-t10\_01.ppm

Val Image: S380-07-t10\_01.ppm

SIFT Matches: 108

AKAZE Matches: 53

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.245248676243141

Euclidean Distance AKAZE: 2.840002620138396

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.84))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S380/inliers\_S380-02-t10\_01.ppm\_S380-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S380/outliers\_S380-02-t10\_01.ppm\_S380-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S380/inliers\_S380-02-t10\_01.ppm\_S380-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S380/outliers\_S380-02-t10\_01.ppm\_S380-07-t10\_01.ppm.png

Label: S380

Train Image: S380-02-t10\_01.ppm

Val Image: S380-04-t10\_01.ppm

SIFT Matches: 111

AKAZE Matches: 47

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.297870879664035

Euclidean Distance AKAZE: 2.812937204513879

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.81))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S380/inliers\_S380-02-t10\_01.ppm\_S380-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S380/outliers\_S380-02-t10\_01.ppm\_S380-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S380/inliers\_S380-02-t10\_01.ppm\_S380-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S380/outliers\_S380-02-t10\_01.ppm\_S380-04-t10\_01.ppm.png

Label: S380

Train Image: S380-02-t10\_01.ppm

Val Image: S380-05-t10\_01.ppm

SIFT Matches: 33

AKAZE Matches: 41

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.578611113259202

Euclidean Distance AKAZE: 2.541238849540609

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.54))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S380/inliers\_S380-02-t10\_01.ppm\_S380-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S380/outliers\_S380-02-t10\_01.ppm\_S380-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S380/inliers\_S380-02-t10\_01.ppm\_S380-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S380/outliers\_S380-02-t10\_01.ppm\_S380-05-t10\_01.ppm.png

Label: S380

Train Image: S380-06-t10\_01.ppm

Val Image: S380-01-t10\_01.ppm

SIFT Matches: 81

AKAZE Matches: 64

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.610470857563692

Euclidean Distance AKAZE: 3.268419400369979

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.27))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S380/inliers\_S380-06-t10\_01.ppm\_S380-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S380/outliers\_S380-06-t10\_01.ppm\_S380-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S380/inliers\_S380-06-t10\_01.ppm\_S380-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S380/outliers\_S380-06-t10\_01.ppm\_S380-01-t10\_01.ppm.png

Label: S380

Train Image: S380-06-t10\_01.ppm

Val Image: S380-07-t10\_01.ppm

SIFT Matches: 76

AKAZE Matches: 56

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.299180140747608

Euclidean Distance AKAZE: 3.159129162983205

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.16))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S380/inliers\_S380-06-t10\_01.ppm\_S380-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S380/outliers\_S380-06-t10\_01.ppm\_S380-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S380/inliers\_S380-06-t10\_01.ppm\_S380-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S380/outliers\_S380-06-t10\_01.ppm\_S380-07-t10\_01.ppm.png

Label: S380

Train Image: S380-06-t10\_01.ppm

Val Image: S380-04-t10\_01.ppm

SIFT Matches: 72

AKAZE Matches: 50

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.102092846806132

Euclidean Distance AKAZE: 2.762117413943005

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.76))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S380/inliers\_S380-06-t10\_01.ppm\_S380-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S380/outliers\_S380-06-t10\_01.ppm\_S380-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S380/inliers\_S380-06-t10\_01.ppm\_S380-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S380/outliers\_S380-06-t10\_01.ppm\_S380-04-t10\_01.ppm.png

Label: S380

Train Image: S380-06-t10\_01.ppm

Val Image: S380-05-t10\_01.ppm

SIFT Matches: 32

AKAZE Matches: 46

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.501363613792916

Euclidean Distance AKAZE: 2.530894032548387

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (2.50))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S380/inliers\_S380-06-t10\_01.ppm\_S380-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S380/outliers\_S380-06-t10\_01.ppm\_S380-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S380/inliers\_S380-06-t10\_01.ppm\_S380-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S380/outliers\_S380-06-t10\_01.ppm\_S380-05-t10\_01.ppm.png

Label: S380

Train Image: S380-03-t10\_01.ppm

Val Image: S380-01-t10\_01.ppm

SIFT Matches: 79

AKAZE Matches: 31

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.895324034248862

Euclidean Distance AKAZE: 2.390853144905214

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.39))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S380/inliers\_S380-03-t10\_01.ppm\_S380-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S380/outliers\_S380-03-t10\_01.ppm\_S380-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S380/inliers\_S380-03-t10\_01.ppm\_S380-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S380/outliers\_S380-03-t10\_01.ppm\_S380-01-t10\_01.ppm.png

Label: S380

Train Image: S380-03-t10\_01.ppm

Val Image: S380-07-t10\_01.ppm

SIFT Matches: 69

AKAZE Matches: 24

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.019739247195078

Euclidean Distance AKAZE: 2.016432455597459

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.02))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S380/inliers\_S380-03-t10\_01.ppm\_S380-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S380/outliers\_S380-03-t10\_01.ppm\_S380-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S380/inliers\_S380-03-t10\_01.ppm\_S380-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S380/outliers\_S380-03-t10\_01.ppm\_S380-07-t10\_01.ppm.png

Label: S380

Train Image: S380-03-t10\_01.ppm

Val Image: S380-04-t10\_01.ppm

SIFT Matches: 85

AKAZE Matches: 30

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.161299962037219

Euclidean Distance AKAZE: 1.979565803137219

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.98))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S380/inliers\_S380-03-t10\_01.ppm\_S380-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S380/outliers\_S380-03-t10\_01.ppm\_S380-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S380/inliers\_S380-03-t10\_01.ppm\_S380-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S380/outliers\_S380-03-t10\_01.ppm\_S380-04-t10\_01.ppm.png

Label: S380

Train Image: S380-03-t10\_01.ppm

Val Image: S380-05-t10\_01.ppm

SIFT Matches: 23

AKAZE Matches: 28

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 1.795217133213061

Euclidean Distance AKAZE: 2.027838473119367

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (1.80))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S380/inliers\_S380-03-t10\_01.ppm\_S380-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S380/outliers\_S380-03-t10\_01.ppm\_S380-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S380/inliers\_S380-03-t10\_01.ppm\_S380-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S380/outliers\_S380-03-t10\_01.ppm\_S380-05-t10\_01.ppm.png

Label: S381

Train Image: S381-02-t10\_01.ppm

Val Image: S381-01-t10\_01.ppm

SIFT Matches: 117

AKAZE Matches: 55

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.498614008214439

Euclidean Distance AKAZE: 3.026469130883221

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.03))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S381/inliers\_S381-02-t10\_01.ppm\_S381-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S381/outliers\_S381-02-t10\_01.ppm\_S381-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S381/inliers\_S381-02-t10\_01.ppm\_S381-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S381/outliers\_S381-02-t10\_01.ppm\_S381-01-t10\_01.ppm.png

Label: S376

Train Image: S376-01-t10\_01.ppm

Val Image: S376-02-t10\_01.ppm

SIFT Matches: 81

AKAZE Matches: 59

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.152836002193927

Euclidean Distance AKAZE: 3.201646028491651

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.15))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S376/inliers\_S376-01-t10\_01.ppm\_S376-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S376/outliers\_S376-01-t10\_01.ppm\_S376-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S376/inliers\_S376-01-t10\_01.ppm\_S376-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S376/outliers\_S376-01-t10\_01.ppm\_S376-02-t10\_01.ppm.png

Label: S376

Train Image: S376-01-t10\_01.ppm

Val Image: S376-03-t10\_01.ppm

SIFT Matches: 154

AKAZE Matches: 91

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.765379021428993

Euclidean Distance AKAZE: 3.602439304402056

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.60))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S376/inliers\_S376-01-t10\_01.ppm\_S376-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S376/outliers\_S376-01-t10\_01.ppm\_S376-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S376/inliers\_S376-01-t10\_01.ppm\_S376-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S376/outliers\_S376-01-t10\_01.ppm\_S376-03-t10\_01.ppm.png

Label: S367

Train Image: S367-02-t10\_01.ppm

Val Image: S367-01-t10\_01.ppm

SIFT Matches: 172

AKAZE Matches: 53

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.347301575735737

Euclidean Distance AKAZE: 2.812642398980699

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.81))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S367/inliers\_S367-02-t10\_01.ppm\_S367-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S367/outliers\_S367-02-t10\_01.ppm\_S367-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S367/inliers\_S367-02-t10\_01.ppm\_S367-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S367/outliers\_S367-02-t10\_01.ppm\_S367-01-t10\_01.ppm.png

Label: S389

Train Image: S389-02-t10\_01.ppm

Val Image: S389-01-t10\_01.ppm

SIFT Matches: 1013

AKAZE Matches: 131

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 13.12593921280181

Euclidean Distance AKAZE: 4.540387151365899

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.54))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S389/inliers\_S389-02-t10\_01.ppm\_S389-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S389/outliers\_S389-02-t10\_01.ppm\_S389-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S389/inliers\_S389-02-t10\_01.ppm\_S389-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S389/outliers\_S389-02-t10\_01.ppm\_S389-01-t10\_01.ppm.png

Label: S394

Train Image: S394-02-t10\_01.ppm

Val Image: S394-01-t10\_01.ppm

SIFT Matches: 46

AKAZE Matches: 31

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.64540552816757

Euclidean Distance AKAZE: 2.007197528379595

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.01))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S394/inliers\_S394-02-t10\_01.ppm\_S394-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S394/outliers\_S394-02-t10\_01.ppm\_S394-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S394/inliers\_S394-02-t10\_01.ppm\_S394-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S394/outliers\_S394-02-t10\_01.ppm\_S394-01-t10\_01.ppm.png

Label: S394

Train Image: S394-03-t10\_01.ppm

Val Image: S394-01-t10\_01.ppm

SIFT Matches: 53

AKAZE Matches: 35

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.763908935551782

Euclidean Distance AKAZE: 2.634328086796917

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.63))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S394/inliers\_S394-03-t10\_01.ppm\_S394-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S394/outliers\_S394-03-t10\_01.ppm\_S394-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S394/inliers\_S394-03-t10\_01.ppm\_S394-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S394/outliers\_S394-03-t10\_01.ppm\_S394-01-t10\_01.ppm.png

Label: S394

Train Image: S394-04-t10\_01.ppm

Val Image: S394-01-t10\_01.ppm

SIFT Matches: 34

AKAZE Matches: 22

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.409080582539942

Euclidean Distance AKAZE: 1.537836836542039

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.54))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S394/inliers\_S394-04-t10\_01.ppm\_S394-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S394/outliers\_S394-04-t10\_01.ppm\_S394-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S394/inliers\_S394-04-t10\_01.ppm\_S394-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S394/outliers\_S394-04-t10\_01.ppm\_S394-01-t10\_01.ppm.png

Label: S394

Train Image: S394-05-t10\_01.ppm

Val Image: S394-01-t10\_01.ppm

SIFT Matches: 48

AKAZE Matches: 46

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.959504480527951

Euclidean Distance AKAZE: 2.634609021782993

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.63))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S394/inliers\_S394-05-t10\_01.ppm\_S394-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S394/outliers\_S394-05-t10\_01.ppm\_S394-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S394/inliers\_S394-05-t10\_01.ppm\_S394-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S394/outliers\_S394-05-t10\_01.ppm\_S394-01-t10\_01.ppm.png

Label: S395

Train Image: S395-02-t10\_01.ppm

Val Image: S395-01-t10\_01.ppm

SIFT Matches: 226

AKAZE Matches: 108

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.413083382882328

Euclidean Distance AKAZE: 4.217680748125821

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.22))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S395/inliers\_S395-02-t10\_01.ppm\_S395-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S395/outliers\_S395-02-t10\_01.ppm\_S395-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S395/inliers\_S395-02-t10\_01.ppm\_S395-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S395/outliers\_S395-02-t10\_01.ppm\_S395-01-t10\_01.ppm.png

Label: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

SIFT Matches: 104

AKAZE Matches: 57

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.13646970663082

Euclidean Distance AKAZE: 3.238479109856231

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.24))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-02-t10\_01.ppm\_S388-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-02-t10\_01.ppm\_S388-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-02-t10\_01.ppm\_S388-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-02-t10\_01.ppm\_S388-10-t10\_01.ppm.png

Label: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

SIFT Matches: 118

AKAZE Matches: 66

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.160507930126538

Euclidean Distance AKAZE: 3.29505326535025

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.30))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-02-t10\_01.ppm\_S388-17-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-02-t10\_01.ppm\_S388-17-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-02-t10\_01.ppm\_S388-17-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-02-t10\_01.ppm\_S388-17-t10\_01.ppm.png

Label: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

SIFT Matches: 163

AKAZE Matches: 89

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.135011705454982

Euclidean Distance AKAZE: 3.929436688686025

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.93))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-02-t10\_01.ppm\_S388-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-02-t10\_01.ppm\_S388-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-02-t10\_01.ppm\_S388-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-02-t10\_01.ppm\_S388-09-t10\_01.ppm.png

Label: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

SIFT Matches: 196

AKAZE Matches: 105

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.621223484086991

Euclidean Distance AKAZE: 3.902035057975509

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.90))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-02-t10\_01.ppm\_S388-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-02-t10\_01.ppm\_S388-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-02-t10\_01.ppm\_S388-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-02-t10\_01.ppm\_S388-03-t10\_01.ppm.png

Label: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

SIFT Matches: 189

AKAZE Matches: 89

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.76352408675977

Euclidean Distance AKAZE: 3.863123012906537

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.86))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-02-t10\_01.ppm\_S388-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-02-t10\_01.ppm\_S388-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-02-t10\_01.ppm\_S388-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-02-t10\_01.ppm\_S388-06-t10\_01.ppm.png

Label: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

SIFT Matches: 207

AKAZE Matches: 116

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.807191760916443

Euclidean Distance AKAZE: 4.410683351426364

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.41))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-02-t10\_01.ppm\_S388-15-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-02-t10\_01.ppm\_S388-15-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-02-t10\_01.ppm\_S388-15-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-02-t10\_01.ppm\_S388-15-t10\_01.ppm.png

Label: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

SIFT Matches: 179

AKAZE Matches: 84

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.159646102635798

Euclidean Distance AKAZE: 3.774467491174919

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.77))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-02-t10\_01.ppm\_S388-12-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-02-t10\_01.ppm\_S388-12-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-02-t10\_01.ppm\_S388-12-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-02-t10\_01.ppm\_S388-12-t10\_01.ppm.png

Label: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

SIFT Matches: 127

AKAZE Matches: 72

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.423474447834438

Euclidean Distance AKAZE: 3.294781632740766

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.29))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-02-t10\_01.ppm\_S388-13-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-02-t10\_01.ppm\_S388-13-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-02-t10\_01.ppm\_S388-13-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-02-t10\_01.ppm\_S388-13-t10\_01.ppm.png

Label: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

SIFT Matches: 181

AKAZE Matches: 98

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.555652062584101

Euclidean Distance AKAZE: 3.879347007229348

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.88))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-02-t10\_01.ppm\_S388-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-02-t10\_01.ppm\_S388-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-02-t10\_01.ppm\_S388-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-02-t10\_01.ppm\_S388-07-t10\_01.ppm.png

Label: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

SIFT Matches: 90

AKAZE Matches: 55

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.54229079044564

Euclidean Distance AKAZE: 3.134848959404661

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.13))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-18-t10\_01.ppm\_S388-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-18-t10\_01.ppm\_S388-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-18-t10\_01.ppm\_S388-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-18-t10\_01.ppm\_S388-10-t10\_01.ppm.png

Label: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

SIFT Matches: 114

AKAZE Matches: 72

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.252080359316412

Euclidean Distance AKAZE: 3.406909190597749

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.41))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-18-t10\_01.ppm\_S388-17-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-18-t10\_01.ppm\_S388-17-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-18-t10\_01.ppm\_S388-17-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-18-t10\_01.ppm\_S388-17-t10\_01.ppm.png

Label: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

SIFT Matches: 154

AKAZE Matches: 89

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.320664777917927

Euclidean Distance AKAZE: 3.347502281977643

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.35))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-18-t10\_01.ppm\_S388-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-18-t10\_01.ppm\_S388-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-18-t10\_01.ppm\_S388-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-18-t10\_01.ppm\_S388-09-t10\_01.ppm.png

Label: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

SIFT Matches: 163

AKAZE Matches: 88

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.133816608490624

Euclidean Distance AKAZE: 3.715848296046083

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.72))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-18-t10\_01.ppm\_S388-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-18-t10\_01.ppm\_S388-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-18-t10\_01.ppm\_S388-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-18-t10\_01.ppm\_S388-03-t10\_01.ppm.png

Label: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

SIFT Matches: 147

AKAZE Matches: 72

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.23963165660852

Euclidean Distance AKAZE: 3.646410995638697

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.65))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-18-t10\_01.ppm\_S388-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-18-t10\_01.ppm\_S388-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-18-t10\_01.ppm\_S388-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-18-t10\_01.ppm\_S388-06-t10\_01.ppm.png

Label: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

SIFT Matches: 193

AKAZE Matches: 73

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.303805004298226

Euclidean Distance AKAZE: 3.209818217198218

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.21))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-18-t10\_01.ppm\_S388-15-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-18-t10\_01.ppm\_S388-15-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-18-t10\_01.ppm\_S388-15-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-18-t10\_01.ppm\_S388-15-t10\_01.ppm.png

Label: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

SIFT Matches: 179

AKAZE Matches: 92

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.253835188149291

Euclidean Distance AKAZE: 3.30777518411782

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.31))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-18-t10\_01.ppm\_S388-12-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-18-t10\_01.ppm\_S388-12-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-18-t10\_01.ppm\_S388-12-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-18-t10\_01.ppm\_S388-12-t10\_01.ppm.png

Label: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

SIFT Matches: 124

AKAZE Matches: 80

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.290712022611936

Euclidean Distance AKAZE: 3.466770872200994

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.47))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-18-t10\_01.ppm\_S388-13-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-18-t10\_01.ppm\_S388-13-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-18-t10\_01.ppm\_S388-13-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-18-t10\_01.ppm\_S388-13-t10\_01.ppm.png

Label: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

SIFT Matches: 183

AKAZE Matches: 101

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.429180201282659

Euclidean Distance AKAZE: 3.772314194456753

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.77))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-18-t10\_01.ppm\_S388-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-18-t10\_01.ppm\_S388-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-18-t10\_01.ppm\_S388-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-18-t10\_01.ppm\_S388-07-t10\_01.ppm.png

Label: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

SIFT Matches: 70

AKAZE Matches: 41

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.910898694525742

Euclidean Distance AKAZE: 2.429979846000867

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.43))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-11-t10\_01.ppm\_S388-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-11-t10\_01.ppm\_S388-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-11-t10\_01.ppm\_S388-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-11-t10\_01.ppm\_S388-10-t10\_01.ppm.png

Label: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

SIFT Matches: 84

AKAZE Matches: 50

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.266922032560009

Euclidean Distance AKAZE: 2.749043373781646

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.75))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-11-t10\_01.ppm\_S388-17-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-11-t10\_01.ppm\_S388-17-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-11-t10\_01.ppm\_S388-17-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-11-t10\_01.ppm\_S388-17-t10\_01.ppm.png

Label: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

SIFT Matches: 99

AKAZE Matches: 53

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.954589052458843

Euclidean Distance AKAZE: 2.596545370740977

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.60))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-11-t10\_01.ppm\_S388-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-11-t10\_01.ppm\_S388-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-11-t10\_01.ppm\_S388-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-11-t10\_01.ppm\_S388-09-t10\_01.ppm.png

Label: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

SIFT Matches: 99

AKAZE Matches: 62

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.650459588688164

Euclidean Distance AKAZE: 3.584742550226209

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.58))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-11-t10\_01.ppm\_S388-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-11-t10\_01.ppm\_S388-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-11-t10\_01.ppm\_S388-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-11-t10\_01.ppm\_S388-03-t10\_01.ppm.png

Label: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

SIFT Matches: 105

AKAZE Matches: 57

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.121887748110351

Euclidean Distance AKAZE: 2.90710315848156

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.91))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-11-t10\_01.ppm\_S388-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-11-t10\_01.ppm\_S388-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-11-t10\_01.ppm\_S388-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-11-t10\_01.ppm\_S388-06-t10\_01.ppm.png

Label: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

SIFT Matches: 114

AKAZE Matches: 49

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.762452095283455

Euclidean Distance AKAZE: 2.821958170824757

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.82))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-11-t10\_01.ppm\_S388-15-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-11-t10\_01.ppm\_S388-15-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-11-t10\_01.ppm\_S388-15-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-11-t10\_01.ppm\_S388-15-t10\_01.ppm.png

Label: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

SIFT Matches: 114

AKAZE Matches: 52

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.244287374896908

Euclidean Distance AKAZE: 2.677395680824074

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.68))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-11-t10\_01.ppm\_S388-12-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-11-t10\_01.ppm\_S388-12-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-11-t10\_01.ppm\_S388-12-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-11-t10\_01.ppm\_S388-12-t10\_01.ppm.png

Label: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

SIFT Matches: 77

AKAZE Matches: 49

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.548087685560779

Euclidean Distance AKAZE: 3.09509713416501

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.10))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-11-t10\_01.ppm\_S388-13-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-11-t10\_01.ppm\_S388-13-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-11-t10\_01.ppm\_S388-13-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-11-t10\_01.ppm\_S388-13-t10\_01.ppm.png

Label: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

SIFT Matches: 103

AKAZE Matches: 51

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.913933302293591

Euclidean Distance AKAZE: 3.123450220538789

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.12))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-11-t10\_01.ppm\_S388-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-11-t10\_01.ppm\_S388-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-11-t10\_01.ppm\_S388-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-11-t10\_01.ppm\_S388-07-t10\_01.ppm.png

Label: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

SIFT Matches: 95

AKAZE Matches: 56

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.617582715604684

Euclidean Distance AKAZE: 3.044860055009458

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.04))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-16-t10\_01.ppm\_S388-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-16-t10\_01.ppm\_S388-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-16-t10\_01.ppm\_S388-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-16-t10\_01.ppm\_S388-10-t10\_01.ppm.png

Label: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

SIFT Matches: 102

AKAZE Matches: 71

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.036993010024162

Euclidean Distance AKAZE: 3.371044345604948

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.37))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-16-t10\_01.ppm\_S388-17-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-16-t10\_01.ppm\_S388-17-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-16-t10\_01.ppm\_S388-17-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-16-t10\_01.ppm\_S388-17-t10\_01.ppm.png

Label: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

SIFT Matches: 150

AKAZE Matches: 71

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.311363388258437

Euclidean Distance AKAZE: 3.492907802429525

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.49))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-16-t10\_01.ppm\_S388-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-16-t10\_01.ppm\_S388-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-16-t10\_01.ppm\_S388-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-16-t10\_01.ppm\_S388-09-t10\_01.ppm.png

Label: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

SIFT Matches: 189

AKAZE Matches: 94

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.360820163039358

Euclidean Distance AKAZE: 4.03128814982727

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.03))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-16-t10\_01.ppm\_S388-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-16-t10\_01.ppm\_S388-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-16-t10\_01.ppm\_S388-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-16-t10\_01.ppm\_S388-03-t10\_01.ppm.png

Label: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

SIFT Matches: 152

AKAZE Matches: 74

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.042658602484029

Euclidean Distance AKAZE: 3.266635450378618

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.27))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-16-t10\_01.ppm\_S388-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-16-t10\_01.ppm\_S388-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-16-t10\_01.ppm\_S388-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-16-t10\_01.ppm\_S388-06-t10\_01.ppm.png

Label: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

SIFT Matches: 178

AKAZE Matches: 95

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.198544498398093

Euclidean Distance AKAZE: 4.249716111862551

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.25))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-16-t10\_01.ppm\_S388-15-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-16-t10\_01.ppm\_S388-15-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-16-t10\_01.ppm\_S388-15-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-16-t10\_01.ppm\_S388-15-t10\_01.ppm.png

Label: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

SIFT Matches: 172

AKAZE Matches: 82

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.577479071723506

Euclidean Distance AKAZE: 3.8874207404306

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.89))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-16-t10\_01.ppm\_S388-12-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-16-t10\_01.ppm\_S388-12-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-16-t10\_01.ppm\_S388-12-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-16-t10\_01.ppm\_S388-12-t10\_01.ppm.png

Label: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

SIFT Matches: 128

AKAZE Matches: 71

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.935063585528113

Euclidean Distance AKAZE: 3.618243529517286

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.62))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-16-t10\_01.ppm\_S388-13-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-16-t10\_01.ppm\_S388-13-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-16-t10\_01.ppm\_S388-13-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-16-t10\_01.ppm\_S388-13-t10\_01.ppm.png

Label: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

SIFT Matches: 185

AKAZE Matches: 91

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.062866906832261

Euclidean Distance AKAZE: 3.950318954830435

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.95))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-16-t10\_01.ppm\_S388-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-16-t10\_01.ppm\_S388-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-16-t10\_01.ppm\_S388-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-16-t10\_01.ppm\_S388-07-t10\_01.ppm.png

Label: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

SIFT Matches: 54

AKAZE Matches: 31

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.383454861993981

Euclidean Distance AKAZE: 2.019440985592972

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.02))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-04-t10\_01.ppm\_S388-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-04-t10\_01.ppm\_S388-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-04-t10\_01.ppm\_S388-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-04-t10\_01.ppm\_S388-10-t10\_01.ppm.png

Label: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

SIFT Matches: 51

AKAZE Matches: 29

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.124992944325594

Euclidean Distance AKAZE: 2.100495042480023

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.10))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-04-t10\_01.ppm\_S388-17-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-04-t10\_01.ppm\_S388-17-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-04-t10\_01.ppm\_S388-17-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-04-t10\_01.ppm\_S388-17-t10\_01.ppm.png

Label: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

SIFT Matches: 57

AKAZE Matches: 44

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.326688381311407

Euclidean Distance AKAZE: 2.580829980388341

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.58))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-04-t10\_01.ppm\_S388-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-04-t10\_01.ppm\_S388-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-04-t10\_01.ppm\_S388-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-04-t10\_01.ppm\_S388-09-t10\_01.ppm.png

Label: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

SIFT Matches: 55

AKAZE Matches: 46

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.981273928741958

Euclidean Distance AKAZE: 2.486990758204197

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.49))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-04-t10\_01.ppm\_S388-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-04-t10\_01.ppm\_S388-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-04-t10\_01.ppm\_S388-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-04-t10\_01.ppm\_S388-03-t10\_01.ppm.png

Label: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

SIFT Matches: 67

AKAZE Matches: 45

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.258799192262375

Euclidean Distance AKAZE: 2.924031899713552

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.92))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-04-t10\_01.ppm\_S388-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-04-t10\_01.ppm\_S388-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-04-t10\_01.ppm\_S388-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-04-t10\_01.ppm\_S388-06-t10\_01.ppm.png

Label: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

SIFT Matches: 68

AKAZE Matches: 47

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.355171186953312

Euclidean Distance AKAZE: 2.992988972285026

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.99))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-04-t10\_01.ppm\_S388-15-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-04-t10\_01.ppm\_S388-15-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-04-t10\_01.ppm\_S388-15-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-04-t10\_01.ppm\_S388-15-t10\_01.ppm.png

Label: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

SIFT Matches: 57

AKAZE Matches: 39

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.153134793769432

Euclidean Distance AKAZE: 2.481028779585794

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.48))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-04-t10\_01.ppm\_S388-12-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-04-t10\_01.ppm\_S388-12-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-04-t10\_01.ppm\_S388-12-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-04-t10\_01.ppm\_S388-12-t10\_01.ppm.png

Label: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

SIFT Matches: 53

AKAZE Matches: 35

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.98092943828805

Euclidean Distance AKAZE: 2.34246346162468

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.34))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-04-t10\_01.ppm\_S388-13-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-04-t10\_01.ppm\_S388-13-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-04-t10\_01.ppm\_S388-13-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-04-t10\_01.ppm\_S388-13-t10\_01.ppm.png

Label: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

SIFT Matches: 73

AKAZE Matches: 44

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.23044607126855

Euclidean Distance AKAZE: 2.939374687823195

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.94))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-04-t10\_01.ppm\_S388-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-04-t10\_01.ppm\_S388-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-04-t10\_01.ppm\_S388-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-04-t10\_01.ppm\_S388-07-t10\_01.ppm.png

Label: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

SIFT Matches: 50

AKAZE Matches: 41

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.410783782397317

Euclidean Distance AKAZE: 2.462058983976235

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (2.41))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-08-t10\_01.ppm\_S388-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-08-t10\_01.ppm\_S388-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-08-t10\_01.ppm\_S388-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-08-t10\_01.ppm\_S388-10-t10\_01.ppm.png

Label: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

SIFT Matches: 64

AKAZE Matches: 57

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.414886309024049

Euclidean Distance AKAZE: 3.099551389609668

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.10))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-08-t10\_01.ppm\_S388-17-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-08-t10\_01.ppm\_S388-17-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-08-t10\_01.ppm\_S388-17-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-08-t10\_01.ppm\_S388-17-t10\_01.ppm.png

Label: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

SIFT Matches: 92

AKAZE Matches: 65

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.223954745498963

Euclidean Distance AKAZE: 2.923926777662806

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.92))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-08-t10\_01.ppm\_S388-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-08-t10\_01.ppm\_S388-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-08-t10\_01.ppm\_S388-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-08-t10\_01.ppm\_S388-09-t10\_01.ppm.png

Label: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

SIFT Matches: 87

AKAZE Matches: 61

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.419252366274524

Euclidean Distance AKAZE: 3.056285355405691

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.06))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-08-t10\_01.ppm\_S388-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-08-t10\_01.ppm\_S388-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-08-t10\_01.ppm\_S388-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-08-t10\_01.ppm\_S388-03-t10\_01.ppm.png

Label: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

SIFT Matches: 94

AKAZE Matches: 60

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.153825571304813

Euclidean Distance AKAZE: 3.119522150600095

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.12))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-08-t10\_01.ppm\_S388-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-08-t10\_01.ppm\_S388-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-08-t10\_01.ppm\_S388-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-08-t10\_01.ppm\_S388-06-t10\_01.ppm.png

Label: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

SIFT Matches: 84

AKAZE Matches: 56

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.728484504217751

Euclidean Distance AKAZE: 2.797232541133662

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.80))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-08-t10\_01.ppm\_S388-15-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-08-t10\_01.ppm\_S388-15-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-08-t10\_01.ppm\_S388-15-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-08-t10\_01.ppm\_S388-15-t10\_01.ppm.png

Label: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

SIFT Matches: 75

AKAZE Matches: 59

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.310055587038196

Euclidean Distance AKAZE: 3.01262060687554

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.01))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-08-t10\_01.ppm\_S388-12-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-08-t10\_01.ppm\_S388-12-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-08-t10\_01.ppm\_S388-12-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-08-t10\_01.ppm\_S388-12-t10\_01.ppm.png

Label: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

SIFT Matches: 63

AKAZE Matches: 42

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.293086633082612

Euclidean Distance AKAZE: 2.791242732192913

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.79))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-08-t10\_01.ppm\_S388-13-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-08-t10\_01.ppm\_S388-13-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-08-t10\_01.ppm\_S388-13-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-08-t10\_01.ppm\_S388-13-t10\_01.ppm.png

Label: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

SIFT Matches: 92

AKAZE Matches: 65

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.437195391715137

Euclidean Distance AKAZE: 2.878758552009399

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.88))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-08-t10\_01.ppm\_S388-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-08-t10\_01.ppm\_S388-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-08-t10\_01.ppm\_S388-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-08-t10\_01.ppm\_S388-07-t10\_01.ppm.png

Label: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

SIFT Matches: 95

AKAZE Matches: 57

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.63500976059135

Euclidean Distance AKAZE: 2.597680345883407

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.60))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-14-t10\_01.ppm\_S388-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-14-t10\_01.ppm\_S388-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-14-t10\_01.ppm\_S388-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-14-t10\_01.ppm\_S388-10-t10\_01.ppm.png

Label: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

SIFT Matches: 101

AKAZE Matches: 62

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.068458872272977

Euclidean Distance AKAZE: 3.155747706820549

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.16))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-14-t10\_01.ppm\_S388-17-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-14-t10\_01.ppm\_S388-17-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-14-t10\_01.ppm\_S388-17-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-14-t10\_01.ppm\_S388-17-t10\_01.ppm.png

Label: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

SIFT Matches: 134

AKAZE Matches: 81

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.046849545678159

Euclidean Distance AKAZE: 3.874844608775525

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.87))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-14-t10\_01.ppm\_S388-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-14-t10\_01.ppm\_S388-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-14-t10\_01.ppm\_S388-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-14-t10\_01.ppm\_S388-09-t10\_01.ppm.png

Label: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

SIFT Matches: 165

AKAZE Matches: 109

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.942841727008393

Euclidean Distance AKAZE: 3.954827781831146

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.95))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-14-t10\_01.ppm\_S388-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-14-t10\_01.ppm\_S388-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-14-t10\_01.ppm\_S388-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-14-t10\_01.ppm\_S388-03-t10\_01.ppm.png

Label: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

SIFT Matches: 157

AKAZE Matches: 82

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.937824373343575

Euclidean Distance AKAZE: 3.613506502279108

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.61))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-14-t10\_01.ppm\_S388-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-14-t10\_01.ppm\_S388-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-14-t10\_01.ppm\_S388-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-14-t10\_01.ppm\_S388-06-t10\_01.ppm.png

Label: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

SIFT Matches: 175

AKAZE Matches: 85

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.444381626314508

Euclidean Distance AKAZE: 3.158878805227564

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.16))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-14-t10\_01.ppm\_S388-15-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-14-t10\_01.ppm\_S388-15-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-14-t10\_01.ppm\_S388-15-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-14-t10\_01.ppm\_S388-15-t10\_01.ppm.png

Label: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

SIFT Matches: 154

AKAZE Matches: 89

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.585138761676624

Euclidean Distance AKAZE: 3.870674218897364

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.87))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-14-t10\_01.ppm\_S388-12-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-14-t10\_01.ppm\_S388-12-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-14-t10\_01.ppm\_S388-12-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-14-t10\_01.ppm\_S388-12-t10\_01.ppm.png

Label: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

SIFT Matches: 131

AKAZE Matches: 88

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.686739130152415

Euclidean Distance AKAZE: 3.547549368250117

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.55))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-14-t10\_01.ppm\_S388-13-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-14-t10\_01.ppm\_S388-13-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-14-t10\_01.ppm\_S388-13-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-14-t10\_01.ppm\_S388-13-t10\_01.ppm.png

Label: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

SIFT Matches: 165

AKAZE Matches: 103

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.580977602017016

Euclidean Distance AKAZE: 3.804416255363062

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.80))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-14-t10\_01.ppm\_S388-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-14-t10\_01.ppm\_S388-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-14-t10\_01.ppm\_S388-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-14-t10\_01.ppm\_S388-07-t10\_01.ppm.png

Label: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

SIFT Matches: 49

AKAZE Matches: 32

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.623134084783556

Euclidean Distance AKAZE: 2.287549673451266

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.29))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-01-t10\_01.ppm\_S388-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-01-t10\_01.ppm\_S388-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-01-t10\_01.ppm\_S388-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-01-t10\_01.ppm\_S388-10-t10\_01.ppm.png

Label: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

SIFT Matches: 52

AKAZE Matches: 36

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.853720740034677

Euclidean Distance AKAZE: 2.355728512305092

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.36))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-01-t10\_01.ppm\_S388-17-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-01-t10\_01.ppm\_S388-17-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-01-t10\_01.ppm\_S388-17-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-01-t10\_01.ppm\_S388-17-t10\_01.ppm.png

Label: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

SIFT Matches: 64

AKAZE Matches: 44

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.313318717156479

Euclidean Distance AKAZE: 2.663359042140449

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.66))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-01-t10\_01.ppm\_S388-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-01-t10\_01.ppm\_S388-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-01-t10\_01.ppm\_S388-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-01-t10\_01.ppm\_S388-09-t10\_01.ppm.png

Label: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

SIFT Matches: 55

AKAZE Matches: 34

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.735700156072674

Euclidean Distance AKAZE: 2.256496230423936

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.26))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-01-t10\_01.ppm\_S388-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-01-t10\_01.ppm\_S388-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-01-t10\_01.ppm\_S388-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-01-t10\_01.ppm\_S388-03-t10\_01.ppm.png

Label: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

SIFT Matches: 63

AKAZE Matches: 43

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.300327773939973

Euclidean Distance AKAZE: 2.489764412246864

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.49))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-01-t10\_01.ppm\_S388-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-01-t10\_01.ppm\_S388-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-01-t10\_01.ppm\_S388-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-01-t10\_01.ppm\_S388-06-t10\_01.ppm.png

Label: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

SIFT Matches: 62

AKAZE Matches: 33

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.444310229275823

Euclidean Distance AKAZE: 2.951713453627084

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.95))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-01-t10\_01.ppm\_S388-15-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-01-t10\_01.ppm\_S388-15-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-01-t10\_01.ppm\_S388-15-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-01-t10\_01.ppm\_S388-15-t10\_01.ppm.png

Label: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

SIFT Matches: 55

AKAZE Matches: 38

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.754387355893622

Euclidean Distance AKAZE: 2.160936301730204

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.16))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-01-t10\_01.ppm\_S388-12-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-01-t10\_01.ppm\_S388-12-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-01-t10\_01.ppm\_S388-12-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-01-t10\_01.ppm\_S388-12-t10\_01.ppm.png

Label: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

SIFT Matches: 51

AKAZE Matches: 34

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.217437383827895

Euclidean Distance AKAZE: 2.101583963411054

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.10))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-01-t10\_01.ppm\_S388-13-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-01-t10\_01.ppm\_S388-13-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-01-t10\_01.ppm\_S388-13-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-01-t10\_01.ppm\_S388-13-t10\_01.ppm.png

Label: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

SIFT Matches: 65

AKAZE Matches: 44

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.021854209189037

Euclidean Distance AKAZE: 2.957787560372856

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.96))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-01-t10\_01.ppm\_S388-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-01-t10\_01.ppm\_S388-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-01-t10\_01.ppm\_S388-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-01-t10\_01.ppm\_S388-07-t10\_01.ppm.png

Label: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

SIFT Matches: 76

AKAZE Matches: 47

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.92994189194935

Euclidean Distance AKAZE: 2.886332521647426

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.89))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-05-t10\_01.ppm\_S388-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-05-t10\_01.ppm\_S388-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-05-t10\_01.ppm\_S388-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-05-t10\_01.ppm\_S388-10-t10\_01.ppm.png

Label: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

SIFT Matches: 100

AKAZE Matches: 57

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.858941165571082

Euclidean Distance AKAZE: 3.172259665178117

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.17))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-05-t10\_01.ppm\_S388-17-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-05-t10\_01.ppm\_S388-17-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-05-t10\_01.ppm\_S388-17-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-05-t10\_01.ppm\_S388-17-t10\_01.ppm.png

Label: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

SIFT Matches: 138

AKAZE Matches: 66

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.149838521089255

Euclidean Distance AKAZE: 3.032850398256461

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.03))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-05-t10\_01.ppm\_S388-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-05-t10\_01.ppm\_S388-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-05-t10\_01.ppm\_S388-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-05-t10\_01.ppm\_S388-09-t10\_01.ppm.png

Label: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

SIFT Matches: 148

AKAZE Matches: 74

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.618313027132309

Euclidean Distance AKAZE: 3.074634246104016

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.07))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-05-t10\_01.ppm\_S388-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-05-t10\_01.ppm\_S388-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-05-t10\_01.ppm\_S388-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-05-t10\_01.ppm\_S388-03-t10\_01.ppm.png

Label: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

SIFT Matches: 144

AKAZE Matches: 58

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.441302151395108

Euclidean Distance AKAZE: 2.969789049700321

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.97))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-05-t10\_01.ppm\_S388-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-05-t10\_01.ppm\_S388-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-05-t10\_01.ppm\_S388-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-05-t10\_01.ppm\_S388-06-t10\_01.ppm.png

Label: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

SIFT Matches: 155

AKAZE Matches: 63

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.642963158700289

Euclidean Distance AKAZE: 3.032682100986394

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.03))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-05-t10\_01.ppm\_S388-15-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-05-t10\_01.ppm\_S388-15-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-05-t10\_01.ppm\_S388-15-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-05-t10\_01.ppm\_S388-15-t10\_01.ppm.png

Label: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

SIFT Matches: 157

AKAZE Matches: 56

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.853718047324647

Euclidean Distance AKAZE: 2.809202203552738

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.81))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-05-t10\_01.ppm\_S388-12-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-05-t10\_01.ppm\_S388-12-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-05-t10\_01.ppm\_S388-12-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-05-t10\_01.ppm\_S388-12-t10\_01.ppm.png

Label: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

SIFT Matches: 118

AKAZE Matches: 66

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.179129638852826

Euclidean Distance AKAZE: 2.796417890504503

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.80))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-05-t10\_01.ppm\_S388-13-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-05-t10\_01.ppm\_S388-13-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-05-t10\_01.ppm\_S388-13-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-05-t10\_01.ppm\_S388-13-t10\_01.ppm.png

Label: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

SIFT Matches: 133

AKAZE Matches: 69

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.798004361716628

Euclidean Distance AKAZE: 3.174383110638233

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.17))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/inliers\_S388-05-t10\_01.ppm\_S388-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S388/outliers\_S388-05-t10\_01.ppm\_S388-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/inliers\_S388-05-t10\_01.ppm\_S388-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S388/outliers\_S388-05-t10\_01.ppm\_S388-07-t10\_01.ppm.png

Label: S390

Train Image: S390-02-t10\_01.ppm

Val Image: S390-01-t10\_01.ppm

SIFT Matches: 170

AKAZE Matches: 144

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.502071764945736

Euclidean Distance AKAZE: 4.844433024812838

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.84))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S390/inliers\_S390-02-t10\_01.ppm\_S390-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S390/outliers\_S390-02-t10\_01.ppm\_S390-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S390/inliers\_S390-02-t10\_01.ppm\_S390-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S390/outliers\_S390-02-t10\_01.ppm\_S390-01-t10\_01.ppm.png

Label: S391

Train Image: S391-01-t10\_01.ppm

Val Image: S391-02-t10\_01.ppm

SIFT Matches: 49

AKAZE Matches: 35

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.910649261060131

Euclidean Distance AKAZE: 2.241552198851817

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.24))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S391/inliers\_S391-01-t10\_01.ppm\_S391-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S391/outliers\_S391-01-t10\_01.ppm\_S391-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S391/inliers\_S391-01-t10\_01.ppm\_S391-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S391/outliers\_S391-01-t10\_01.ppm\_S391-02-t10\_01.ppm.png

Label: S391

Train Image: S391-01-t10\_01.ppm

Val Image: S391-03-t10\_01.ppm

SIFT Matches: 103

AKAZE Matches: 66

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.263203942509504

Euclidean Distance AKAZE: 2.992489906567356

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.99))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S391/inliers\_S391-01-t10\_01.ppm\_S391-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S391/outliers\_S391-01-t10\_01.ppm\_S391-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S391/inliers\_S391-01-t10\_01.ppm\_S391-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S391/outliers\_S391-01-t10\_01.ppm\_S391-03-t10\_01.ppm.png

Label: S387

Train Image: S387-03-t10\_01.ppm

Val Image: S387-01-t10\_01.ppm

SIFT Matches: 257

AKAZE Matches: 120

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.799526279204907

Euclidean Distance AKAZE: 4.68192437579697

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.68))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S387/inliers\_S387-03-t10\_01.ppm\_S387-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S387/outliers\_S387-03-t10\_01.ppm\_S387-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S387/inliers\_S387-03-t10\_01.ppm\_S387-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S387/outliers\_S387-03-t10\_01.ppm\_S387-01-t10\_01.ppm.png

Label: S387

Train Image: S387-02-t10\_01.ppm

Val Image: S387-01-t10\_01.ppm

SIFT Matches: 213

AKAZE Matches: 121

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.722979967844879

Euclidean Distance AKAZE: 4.350885088772329

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.35))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S387/inliers\_S387-02-t10\_01.ppm\_S387-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S387/outliers\_S387-02-t10\_01.ppm\_S387-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S387/inliers\_S387-02-t10\_01.ppm\_S387-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S387/outliers\_S387-02-t10\_01.ppm\_S387-01-t10\_01.ppm.png

Label: S392

Train Image: S392-03-t10\_01.ppm

Val Image: S392-01-t10\_01.ppm

SIFT Matches: 98

AKAZE Matches: 79

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.627956637263332

Euclidean Distance AKAZE: 3.637322499498998

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.63))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/inliers\_S392-03-t10\_01.ppm\_S392-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/outliers\_S392-03-t10\_01.ppm\_S392-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/inliers\_S392-03-t10\_01.ppm\_S392-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/outliers\_S392-03-t10\_01.ppm\_S392-01-t10\_01.ppm.png

Label: S392

Train Image: S392-03-t10\_01.ppm

Val Image: S392-02-t10\_01.ppm

SIFT Matches: 123

AKAZE Matches: 95

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.884457981684271

Euclidean Distance AKAZE: 3.692947893151609

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.69))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/inliers\_S392-03-t10\_01.ppm\_S392-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/outliers\_S392-03-t10\_01.ppm\_S392-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/inliers\_S392-03-t10\_01.ppm\_S392-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/outliers\_S392-03-t10\_01.ppm\_S392-02-t10\_01.ppm.png

Label: S392

Train Image: S392-03-t10\_01.ppm

Val Image: S392-04-t10\_01.ppm

SIFT Matches: 173

AKAZE Matches: 98

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.311285081631339

Euclidean Distance AKAZE: 4.206583783237169

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.21))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/inliers\_S392-03-t10\_01.ppm\_S392-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/outliers\_S392-03-t10\_01.ppm\_S392-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/inliers\_S392-03-t10\_01.ppm\_S392-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/outliers\_S392-03-t10\_01.ppm\_S392-04-t10\_01.ppm.png

Label: S392

Train Image: S392-03-t10\_01.ppm

Val Image: S392-08-t10\_01.ppm

SIFT Matches: 112

AKAZE Matches: 82

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.423669476208262

Euclidean Distance AKAZE: 3.802378209458444

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.80))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/inliers\_S392-03-t10\_01.ppm\_S392-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/outliers\_S392-03-t10\_01.ppm\_S392-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/inliers\_S392-03-t10\_01.ppm\_S392-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/outliers\_S392-03-t10\_01.ppm\_S392-08-t10\_01.ppm.png

Label: S392

Train Image: S392-03-t10\_01.ppm

Val Image: S392-07-t10\_01.ppm

SIFT Matches: 151

AKAZE Matches: 94

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.868799215390505

Euclidean Distance AKAZE: 3.957389894865106

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.96))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/inliers\_S392-03-t10\_01.ppm\_S392-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/outliers\_S392-03-t10\_01.ppm\_S392-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/inliers\_S392-03-t10\_01.ppm\_S392-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/outliers\_S392-03-t10\_01.ppm\_S392-07-t10\_01.ppm.png

Label: S392

Train Image: S392-06-t10\_01.ppm

Val Image: S392-01-t10\_01.ppm

SIFT Matches: 109

AKAZE Matches: 94

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.121227990604444

Euclidean Distance AKAZE: 3.620509175155013

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.62))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/inliers\_S392-06-t10\_01.ppm\_S392-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/outliers\_S392-06-t10\_01.ppm\_S392-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/inliers\_S392-06-t10\_01.ppm\_S392-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/outliers\_S392-06-t10\_01.ppm\_S392-01-t10\_01.ppm.png

Label: S392

Train Image: S392-06-t10\_01.ppm

Val Image: S392-02-t10\_01.ppm

SIFT Matches: 123

AKAZE Matches: 94

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.712232040459694

Euclidean Distance AKAZE: 3.974770435480764

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.97))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/inliers\_S392-06-t10\_01.ppm\_S392-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/outliers\_S392-06-t10\_01.ppm\_S392-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/inliers\_S392-06-t10\_01.ppm\_S392-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/outliers\_S392-06-t10\_01.ppm\_S392-02-t10\_01.ppm.png

Label: S392

Train Image: S392-06-t10\_01.ppm

Val Image: S392-04-t10\_01.ppm

SIFT Matches: 158

AKAZE Matches: 111

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.44852732204362

Euclidean Distance AKAZE: 4.363512216860277

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.36))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/inliers\_S392-06-t10\_01.ppm\_S392-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/outliers\_S392-06-t10\_01.ppm\_S392-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/inliers\_S392-06-t10\_01.ppm\_S392-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/outliers\_S392-06-t10\_01.ppm\_S392-04-t10\_01.ppm.png

Label: S392

Train Image: S392-06-t10\_01.ppm

Val Image: S392-08-t10\_01.ppm

SIFT Matches: 120

AKAZE Matches: 85

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.683713096814537

Euclidean Distance AKAZE: 3.679075424852813

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.68))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/inliers\_S392-06-t10\_01.ppm\_S392-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/outliers\_S392-06-t10\_01.ppm\_S392-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/inliers\_S392-06-t10\_01.ppm\_S392-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/outliers\_S392-06-t10\_01.ppm\_S392-08-t10\_01.ppm.png

Label: S392

Train Image: S392-06-t10\_01.ppm

Val Image: S392-07-t10\_01.ppm

SIFT Matches: 127

AKAZE Matches: 96

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.932243675209669

Euclidean Distance AKAZE: 3.763474971651005

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.76))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/inliers\_S392-06-t10\_01.ppm\_S392-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/outliers\_S392-06-t10\_01.ppm\_S392-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/inliers\_S392-06-t10\_01.ppm\_S392-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/outliers\_S392-06-t10\_01.ppm\_S392-07-t10\_01.ppm.png

Label: S392

Train Image: S392-05-t10\_01.ppm

Val Image: S392-01-t10\_01.ppm

SIFT Matches: 95

AKAZE Matches: 61

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.512996768894582

Euclidean Distance AKAZE: 3.069945279237815

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.07))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/inliers\_S392-05-t10\_01.ppm\_S392-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/outliers\_S392-05-t10\_01.ppm\_S392-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/inliers\_S392-05-t10\_01.ppm\_S392-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/outliers\_S392-05-t10\_01.ppm\_S392-01-t10\_01.ppm.png

Label: S392

Train Image: S392-05-t10\_01.ppm

Val Image: S392-02-t10\_01.ppm

SIFT Matches: 107

AKAZE Matches: 65

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.770613758753625

Euclidean Distance AKAZE: 3.135322606743274

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.14))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/inliers\_S392-05-t10\_01.ppm\_S392-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/outliers\_S392-05-t10\_01.ppm\_S392-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/inliers\_S392-05-t10\_01.ppm\_S392-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/outliers\_S392-05-t10\_01.ppm\_S392-02-t10\_01.ppm.png

Label: S392

Train Image: S392-05-t10\_01.ppm

Val Image: S392-04-t10\_01.ppm

SIFT Matches: 120

AKAZE Matches: 70

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.51410775259325

Euclidean Distance AKAZE: 3.397142757523319

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.40))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/inliers\_S392-05-t10\_01.ppm\_S392-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/outliers\_S392-05-t10\_01.ppm\_S392-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/inliers\_S392-05-t10\_01.ppm\_S392-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/outliers\_S392-05-t10\_01.ppm\_S392-04-t10\_01.ppm.png

Label: S392

Train Image: S392-05-t10\_01.ppm

Val Image: S392-08-t10\_01.ppm

SIFT Matches: 90

AKAZE Matches: 55

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.857540942265483

Euclidean Distance AKAZE: 3.479911506999905

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.48))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/inliers\_S392-05-t10\_01.ppm\_S392-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/outliers\_S392-05-t10\_01.ppm\_S392-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/inliers\_S392-05-t10\_01.ppm\_S392-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/outliers\_S392-05-t10\_01.ppm\_S392-08-t10\_01.ppm.png

Label: S392

Train Image: S392-05-t10\_01.ppm

Val Image: S392-07-t10\_01.ppm

SIFT Matches: 119

AKAZE Matches: 60

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.12426034419515

Euclidean Distance AKAZE: 3.024255270396614

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.02))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/inliers\_S392-05-t10\_01.ppm\_S392-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S392/outliers\_S392-05-t10\_01.ppm\_S392-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/inliers\_S392-05-t10\_01.ppm\_S392-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S392/outliers\_S392-05-t10\_01.ppm\_S392-07-t10\_01.ppm.png

Label: S393

Train Image: S393-01-t10\_01.ppm

Val Image: S393-02-t10\_01.ppm

SIFT Matches: 85

AKAZE Matches: 45

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.597368382816592

Euclidean Distance AKAZE: 2.833651088750895

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.83))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S393/inliers\_S393-01-t10\_01.ppm\_S393-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S393/outliers\_S393-01-t10\_01.ppm\_S393-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S393/inliers\_S393-01-t10\_01.ppm\_S393-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S393/outliers\_S393-01-t10\_01.ppm\_S393-02-t10\_01.ppm.png

Label: S393

Train Image: S393-01-t10\_01.ppm

Val Image: S393-03-t10\_01.ppm

SIFT Matches: 116

AKAZE Matches: 58

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.531070715671221

Euclidean Distance AKAZE: 3.333145097623211

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.33))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S393/inliers\_S393-01-t10\_01.ppm\_S393-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S393/outliers\_S393-01-t10\_01.ppm\_S393-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S393/inliers\_S393-01-t10\_01.ppm\_S393-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S393/outliers\_S393-01-t10\_01.ppm\_S393-03-t10\_01.ppm.png

Label: S393

Train Image: S393-01-t10\_01.ppm

Val Image: S393-04-t10\_01.ppm

SIFT Matches: 157

AKAZE Matches: 62

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.184972895035756

Euclidean Distance AKAZE: 3.035642302064641

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.04))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S393/inliers\_S393-01-t10\_01.ppm\_S393-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S393/outliers\_S393-01-t10\_01.ppm\_S393-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S393/inliers\_S393-01-t10\_01.ppm\_S393-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S393/outliers\_S393-01-t10\_01.ppm\_S393-04-t10\_01.ppm.png

Label: S386

Train Image: S386-07-t10\_01.ppm

Val Image: S386-05-t10\_01.ppm

SIFT Matches: 95

AKAZE Matches: 50

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.925515028040652

Euclidean Distance AKAZE: 3.24570706871043

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.25))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/inliers\_S386-07-t10\_01.ppm\_S386-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/outliers\_S386-07-t10\_01.ppm\_S386-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/inliers\_S386-07-t10\_01.ppm\_S386-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/outliers\_S386-07-t10\_01.ppm\_S386-05-t10\_01.ppm.png

Label: S386

Train Image: S386-07-t10\_01.ppm

Val Image: S386-02-t10\_01.ppm

SIFT Matches: 103

AKAZE Matches: 56

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.088346377660914

Euclidean Distance AKAZE: 3.345856322482306

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.35))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/inliers\_S386-07-t10\_01.ppm\_S386-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/outliers\_S386-07-t10\_01.ppm\_S386-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/inliers\_S386-07-t10\_01.ppm\_S386-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/outliers\_S386-07-t10\_01.ppm\_S386-02-t10\_01.ppm.png

Label: S386

Train Image: S386-07-t10\_01.ppm

Val Image: S386-01-t10\_01.ppm

SIFT Matches: 79

AKAZE Matches: 62

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.346963585222113

Euclidean Distance AKAZE: 3.557061379836185

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.35))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/inliers\_S386-07-t10\_01.ppm\_S386-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/outliers\_S386-07-t10\_01.ppm\_S386-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/inliers\_S386-07-t10\_01.ppm\_S386-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/outliers\_S386-07-t10\_01.ppm\_S386-01-t10\_01.ppm.png

Label: S386

Train Image: S386-07-t10\_01.ppm

Val Image: S386-06-t10\_01.ppm

SIFT Matches: 68

AKAZE Matches: 49

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.629682243184516

Euclidean Distance AKAZE: 2.779676992534209

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.78))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/inliers\_S386-07-t10\_01.ppm\_S386-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/outliers\_S386-07-t10\_01.ppm\_S386-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/inliers\_S386-07-t10\_01.ppm\_S386-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/outliers\_S386-07-t10\_01.ppm\_S386-06-t10\_01.ppm.png

Label: S386

Train Image: S386-04-t10\_01.ppm

Val Image: S386-05-t10\_01.ppm

SIFT Matches: 186

AKAZE Matches: 59

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.164047175108109

Euclidean Distance AKAZE: 2.849102084355584

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.85))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/inliers\_S386-04-t10\_01.ppm\_S386-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/outliers\_S386-04-t10\_01.ppm\_S386-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/inliers\_S386-04-t10\_01.ppm\_S386-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/outliers\_S386-04-t10\_01.ppm\_S386-05-t10\_01.ppm.png

Label: S386

Train Image: S386-04-t10\_01.ppm

Val Image: S386-02-t10\_01.ppm

SIFT Matches: 199

AKAZE Matches: 62

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.358018660688607

Euclidean Distance AKAZE: 3.027002864232905

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.03))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/inliers\_S386-04-t10\_01.ppm\_S386-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/outliers\_S386-04-t10\_01.ppm\_S386-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/inliers\_S386-04-t10\_01.ppm\_S386-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/outliers\_S386-04-t10\_01.ppm\_S386-02-t10\_01.ppm.png

Label: S386

Train Image: S386-04-t10\_01.ppm

Val Image: S386-01-t10\_01.ppm

SIFT Matches: 185

AKAZE Matches: 69

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.136887732932479

Euclidean Distance AKAZE: 2.692686614377879

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.69))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/inliers\_S386-04-t10\_01.ppm\_S386-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/outliers\_S386-04-t10\_01.ppm\_S386-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/inliers\_S386-04-t10\_01.ppm\_S386-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/outliers\_S386-04-t10\_01.ppm\_S386-01-t10\_01.ppm.png

Label: S386

Train Image: S386-04-t10\_01.ppm

Val Image: S386-06-t10\_01.ppm

SIFT Matches: 101

AKAZE Matches: 70

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.386008008140015

Euclidean Distance AKAZE: 3.589934044554318

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.59))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/inliers\_S386-04-t10\_01.ppm\_S386-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/outliers\_S386-04-t10\_01.ppm\_S386-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/inliers\_S386-04-t10\_01.ppm\_S386-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/outliers\_S386-04-t10\_01.ppm\_S386-06-t10\_01.ppm.png

Label: S386

Train Image: S386-08-t10\_01.ppm

Val Image: S386-05-t10\_01.ppm

SIFT Matches: 98

AKAZE Matches: 62

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.350368098125509

Euclidean Distance AKAZE: 3.318810004073192

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.32))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/inliers\_S386-08-t10\_01.ppm\_S386-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/outliers\_S386-08-t10\_01.ppm\_S386-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/inliers\_S386-08-t10\_01.ppm\_S386-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/outliers\_S386-08-t10\_01.ppm\_S386-05-t10\_01.ppm.png

Label: S386

Train Image: S386-08-t10\_01.ppm

Val Image: S386-02-t10\_01.ppm

SIFT Matches: 115

AKAZE Matches: 81

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.231496945280875

Euclidean Distance AKAZE: 3.642808611999115

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.64))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/inliers\_S386-08-t10\_01.ppm\_S386-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/outliers\_S386-08-t10\_01.ppm\_S386-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/inliers\_S386-08-t10\_01.ppm\_S386-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/outliers\_S386-08-t10\_01.ppm\_S386-02-t10\_01.ppm.png

Label: S386

Train Image: S386-08-t10\_01.ppm

Val Image: S386-01-t10\_01.ppm

SIFT Matches: 90

AKAZE Matches: 82

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.771727929576836

Euclidean Distance AKAZE: 3.694069668607916

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.69))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/inliers\_S386-08-t10\_01.ppm\_S386-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/outliers\_S386-08-t10\_01.ppm\_S386-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/inliers\_S386-08-t10\_01.ppm\_S386-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/outliers\_S386-08-t10\_01.ppm\_S386-01-t10\_01.ppm.png

Label: S386

Train Image: S386-08-t10\_01.ppm

Val Image: S386-06-t10\_01.ppm

SIFT Matches: 87

AKAZE Matches: 67

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.194452195742356

Euclidean Distance AKAZE: 3.400716232371061

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.40))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/inliers\_S386-08-t10\_01.ppm\_S386-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/outliers\_S386-08-t10\_01.ppm\_S386-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/inliers\_S386-08-t10\_01.ppm\_S386-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/outliers\_S386-08-t10\_01.ppm\_S386-06-t10\_01.ppm.png

Label: S386

Train Image: S386-03-t10\_01.ppm

Val Image: S386-05-t10\_01.ppm

SIFT Matches: 159

AKAZE Matches: 80

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.070831117107903

Euclidean Distance AKAZE: 3.216728685416563

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.22))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/inliers\_S386-03-t10\_01.ppm\_S386-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/outliers\_S386-03-t10\_01.ppm\_S386-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/inliers\_S386-03-t10\_01.ppm\_S386-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/outliers\_S386-03-t10\_01.ppm\_S386-05-t10\_01.ppm.png

Label: S386

Train Image: S386-03-t10\_01.ppm

Val Image: S386-02-t10\_01.ppm

SIFT Matches: 177

AKAZE Matches: 89

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.231945400490279

Euclidean Distance AKAZE: 4.055773055756296

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.06))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/inliers\_S386-03-t10\_01.ppm\_S386-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/outliers\_S386-03-t10\_01.ppm\_S386-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/inliers\_S386-03-t10\_01.ppm\_S386-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/outliers\_S386-03-t10\_01.ppm\_S386-02-t10\_01.ppm.png

Label: S386

Train Image: S386-03-t10\_01.ppm

Val Image: S386-01-t10\_01.ppm

SIFT Matches: 142

AKAZE Matches: 100

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.500607387708177

Euclidean Distance AKAZE: 3.966004899469199

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.97))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/inliers\_S386-03-t10\_01.ppm\_S386-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/outliers\_S386-03-t10\_01.ppm\_S386-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/inliers\_S386-03-t10\_01.ppm\_S386-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/outliers\_S386-03-t10\_01.ppm\_S386-01-t10\_01.ppm.png

Label: S386

Train Image: S386-03-t10\_01.ppm

Val Image: S386-06-t10\_01.ppm

SIFT Matches: 87

AKAZE Matches: 81

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.788803288058574

Euclidean Distance AKAZE: 3.858735797535644

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.79))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/inliers\_S386-03-t10\_01.ppm\_S386-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S386/outliers\_S386-03-t10\_01.ppm\_S386-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/inliers\_S386-03-t10\_01.ppm\_S386-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S386/outliers\_S386-03-t10\_01.ppm\_S386-06-t10\_01.ppm.png

Label: S400

Train Image: S400-01-t10\_01.ppm

Val Image: S400-02-t10\_01.ppm

SIFT Matches: 85

AKAZE Matches: 108

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.767441464607009

Euclidean Distance AKAZE: 3.466048749458347

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.47))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S400/inliers\_S400-01-t10\_01.ppm\_S400-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S400/outliers\_S400-01-t10\_01.ppm\_S400-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S400/inliers\_S400-01-t10\_01.ppm\_S400-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S400/outliers\_S400-01-t10\_01.ppm\_S400-02-t10\_01.ppm.png

Label: S400

Train Image: S400-03-t10\_01.ppm

Val Image: S400-02-t10\_01.ppm

SIFT Matches: 99

AKAZE Matches: 94

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.591442017277414

Euclidean Distance AKAZE: 3.835935565041079

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.59))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S400/inliers\_S400-03-t10\_01.ppm\_S400-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S400/outliers\_S400-03-t10\_01.ppm\_S400-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S400/inliers\_S400-03-t10\_01.ppm\_S400-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S400/outliers\_S400-03-t10\_01.ppm\_S400-02-t10\_01.ppm.png

Label: S402

Train Image: S402-01-t10\_01.ppm

Val Image: S402-02-t10\_01.ppm

SIFT Matches: 101

AKAZE Matches: 46

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.014794201918207

Euclidean Distance AKAZE: 2.218585633068666

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.22))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S402/inliers\_S402-01-t10\_01.ppm\_S402-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S402/outliers\_S402-01-t10\_01.ppm\_S402-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S402/inliers\_S402-01-t10\_01.ppm\_S402-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S402/outliers\_S402-01-t10\_01.ppm\_S402-02-t10\_01.ppm.png

Label: S398

Train Image: S398-03-t10\_01.ppm

Val Image: S398-02-t10\_01.ppm

SIFT Matches: 88

AKAZE Matches: 49

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.41231660714103

Euclidean Distance AKAZE: 2.473522535693743

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.47))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S398/inliers\_S398-03-t10\_01.ppm\_S398-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S398/outliers\_S398-03-t10\_01.ppm\_S398-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S398/inliers\_S398-03-t10\_01.ppm\_S398-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S398/outliers\_S398-03-t10\_01.ppm\_S398-02-t10\_01.ppm.png

Label: S398

Train Image: S398-01-t10\_01.ppm

Val Image: S398-02-t10\_01.ppm

SIFT Matches: 61

AKAZE Matches: 35

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.423735042724757

Euclidean Distance AKAZE: 2.018798700094392

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.02))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S398/inliers\_S398-01-t10\_01.ppm\_S398-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S398/outliers\_S398-01-t10\_01.ppm\_S398-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S398/inliers\_S398-01-t10\_01.ppm\_S398-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S398/outliers\_S398-01-t10\_01.ppm\_S398-02-t10\_01.ppm.png

Label: S401

Train Image: S401-03-t10\_01.ppm

Val Image: S401-05-t10\_01.ppm

SIFT Matches: 88

AKAZE Matches: 76

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.816215697845296

Euclidean Distance AKAZE: 2.747324796073934

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.75))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/inliers\_S401-03-t10\_01.ppm\_S401-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/outliers\_S401-03-t10\_01.ppm\_S401-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/inliers\_S401-03-t10\_01.ppm\_S401-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/outliers\_S401-03-t10\_01.ppm\_S401-05-t10\_01.ppm.png

Label: S401

Train Image: S401-03-t10\_01.ppm

Val Image: S401-08-t10\_01.ppm

SIFT Matches: 97

AKAZE Matches: 73

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.321914293379571

Euclidean Distance AKAZE: 3.425021298829094

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.43))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/inliers\_S401-03-t10\_01.ppm\_S401-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/outliers\_S401-03-t10\_01.ppm\_S401-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/inliers\_S401-03-t10\_01.ppm\_S401-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/outliers\_S401-03-t10\_01.ppm\_S401-08-t10\_01.ppm.png

Label: S401

Train Image: S401-03-t10\_01.ppm

Val Image: S401-01-t10\_01.ppm

SIFT Matches: 101

AKAZE Matches: 62

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.926260832794707

Euclidean Distance AKAZE: 2.94894354599107

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.95))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/inliers\_S401-03-t10\_01.ppm\_S401-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/outliers\_S401-03-t10\_01.ppm\_S401-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/inliers\_S401-03-t10\_01.ppm\_S401-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/outliers\_S401-03-t10\_01.ppm\_S401-01-t10\_01.ppm.png

Label: S401

Train Image: S401-02-t10\_01.ppm

Val Image: S401-05-t10\_01.ppm

SIFT Matches: 122

AKAZE Matches: 98

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.384234980354098

Euclidean Distance AKAZE: 3.915864375867769

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.92))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/inliers\_S401-02-t10\_01.ppm\_S401-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/outliers\_S401-02-t10\_01.ppm\_S401-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/inliers\_S401-02-t10\_01.ppm\_S401-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/outliers\_S401-02-t10\_01.ppm\_S401-05-t10\_01.ppm.png

Label: S401

Train Image: S401-02-t10\_01.ppm

Val Image: S401-08-t10\_01.ppm

SIFT Matches: 111

AKAZE Matches: 79

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.366031390416543

Euclidean Distance AKAZE: 3.614370580993484

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.61))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/inliers\_S401-02-t10\_01.ppm\_S401-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/outliers\_S401-02-t10\_01.ppm\_S401-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/inliers\_S401-02-t10\_01.ppm\_S401-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/outliers\_S401-02-t10\_01.ppm\_S401-08-t10\_01.ppm.png

Label: S401

Train Image: S401-02-t10\_01.ppm

Val Image: S401-01-t10\_01.ppm

SIFT Matches: 122

AKAZE Matches: 64

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.635327088830676

Euclidean Distance AKAZE: 3.477639894047037

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.48))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/inliers\_S401-02-t10\_01.ppm\_S401-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/outliers\_S401-02-t10\_01.ppm\_S401-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/inliers\_S401-02-t10\_01.ppm\_S401-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/outliers\_S401-02-t10\_01.ppm\_S401-01-t10\_01.ppm.png

Label: S401

Train Image: S401-07-t10\_01.ppm

Val Image: S401-05-t10\_01.ppm

SIFT Matches: 104

AKAZE Matches: 79

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.677853709804019

Euclidean Distance AKAZE: 3.975707271324156

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.98))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/inliers\_S401-07-t10\_01.ppm\_S401-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/outliers\_S401-07-t10\_01.ppm\_S401-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/inliers\_S401-07-t10\_01.ppm\_S401-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/outliers\_S401-07-t10\_01.ppm\_S401-05-t10\_01.ppm.png

Label: S401

Train Image: S401-07-t10\_01.ppm

Val Image: S401-08-t10\_01.ppm

SIFT Matches: 101

AKAZE Matches: 64

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.777804581351887

Euclidean Distance AKAZE: 3.404475809314628

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.40))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/inliers\_S401-07-t10\_01.ppm\_S401-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/outliers\_S401-07-t10\_01.ppm\_S401-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/inliers\_S401-07-t10\_01.ppm\_S401-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/outliers\_S401-07-t10\_01.ppm\_S401-08-t10\_01.ppm.png

Label: S401

Train Image: S401-07-t10\_01.ppm

Val Image: S401-01-t10\_01.ppm

SIFT Matches: 107

AKAZE Matches: 63

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.531884511094894

Euclidean Distance AKAZE: 3.171077221278717

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.17))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/inliers\_S401-07-t10\_01.ppm\_S401-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/outliers\_S401-07-t10\_01.ppm\_S401-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/inliers\_S401-07-t10\_01.ppm\_S401-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/outliers\_S401-07-t10\_01.ppm\_S401-01-t10\_01.ppm.png

Label: S401

Train Image: S401-09-t10\_01.ppm

Val Image: S401-05-t10\_01.ppm

SIFT Matches: 84

AKAZE Matches: 62

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.589605496850535

Euclidean Distance AKAZE: 2.808672148502402

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.81))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/inliers\_S401-09-t10\_01.ppm\_S401-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/outliers\_S401-09-t10\_01.ppm\_S401-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/inliers\_S401-09-t10\_01.ppm\_S401-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/outliers\_S401-09-t10\_01.ppm\_S401-05-t10\_01.ppm.png

Label: S401

Train Image: S401-09-t10\_01.ppm

Val Image: S401-08-t10\_01.ppm

SIFT Matches: 73

AKAZE Matches: 70

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.614386956740239

Euclidean Distance AKAZE: 3.563303706975719

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.56))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/inliers\_S401-09-t10\_01.ppm\_S401-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/outliers\_S401-09-t10\_01.ppm\_S401-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/inliers\_S401-09-t10\_01.ppm\_S401-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/outliers\_S401-09-t10\_01.ppm\_S401-08-t10\_01.ppm.png

Label: S401

Train Image: S401-09-t10\_01.ppm

Val Image: S401-01-t10\_01.ppm

SIFT Matches: 71

AKAZE Matches: 51

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.219241276424218

Euclidean Distance AKAZE: 3.08080993792548

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.08))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/inliers\_S401-09-t10\_01.ppm\_S401-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/outliers\_S401-09-t10\_01.ppm\_S401-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/inliers\_S401-09-t10\_01.ppm\_S401-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/outliers\_S401-09-t10\_01.ppm\_S401-01-t10\_01.ppm.png

Label: S401

Train Image: S401-04-t10\_01.ppm

Val Image: S401-05-t10\_01.ppm

SIFT Matches: 86

AKAZE Matches: 67

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.224818658914711

Euclidean Distance AKAZE: 3.602795140300036

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.60))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/inliers\_S401-04-t10\_01.ppm\_S401-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/outliers\_S401-04-t10\_01.ppm\_S401-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/inliers\_S401-04-t10\_01.ppm\_S401-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/outliers\_S401-04-t10\_01.ppm\_S401-05-t10\_01.ppm.png

Label: S401

Train Image: S401-04-t10\_01.ppm

Val Image: S401-08-t10\_01.ppm

SIFT Matches: 76

AKAZE Matches: 67

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.644024601991108

Euclidean Distance AKAZE: 3.315560563226231

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.32))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/inliers\_S401-04-t10\_01.ppm\_S401-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/outliers\_S401-04-t10\_01.ppm\_S401-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/inliers\_S401-04-t10\_01.ppm\_S401-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/outliers\_S401-04-t10\_01.ppm\_S401-08-t10\_01.ppm.png

Label: S401

Train Image: S401-04-t10\_01.ppm

Val Image: S401-01-t10\_01.ppm

SIFT Matches: 75

AKAZE Matches: 59

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.266108163193449

Euclidean Distance AKAZE: 3.104653326386662

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.10))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/inliers\_S401-04-t10\_01.ppm\_S401-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/outliers\_S401-04-t10\_01.ppm\_S401-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/inliers\_S401-04-t10\_01.ppm\_S401-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/outliers\_S401-04-t10\_01.ppm\_S401-01-t10\_01.ppm.png

Label: S401

Train Image: S401-06-t10\_01.ppm

Val Image: S401-05-t10\_01.ppm

SIFT Matches: 152

AKAZE Matches: 112

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.051433937620573

Euclidean Distance AKAZE: 3.834118250071409

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.83))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/inliers\_S401-06-t10\_01.ppm\_S401-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/outliers\_S401-06-t10\_01.ppm\_S401-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/inliers\_S401-06-t10\_01.ppm\_S401-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/outliers\_S401-06-t10\_01.ppm\_S401-05-t10\_01.ppm.png

Label: S401

Train Image: S401-06-t10\_01.ppm

Val Image: S401-08-t10\_01.ppm

SIFT Matches: 127

AKAZE Matches: 101

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.61556201635018

Euclidean Distance AKAZE: 4.499040266578531

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.50))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/inliers\_S401-06-t10\_01.ppm\_S401-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/outliers\_S401-06-t10\_01.ppm\_S401-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/inliers\_S401-06-t10\_01.ppm\_S401-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/outliers\_S401-06-t10\_01.ppm\_S401-08-t10\_01.ppm.png

Label: S401

Train Image: S401-06-t10\_01.ppm

Val Image: S401-01-t10\_01.ppm

SIFT Matches: 117

AKAZE Matches: 62

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.354244493357807

Euclidean Distance AKAZE: 3.662380134361955

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.66))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/inliers\_S401-06-t10\_01.ppm\_S401-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S401/outliers\_S401-06-t10\_01.ppm\_S401-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/inliers\_S401-06-t10\_01.ppm\_S401-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S401/outliers\_S401-06-t10\_01.ppm\_S401-01-t10\_01.ppm.png

Label: S397

Train Image: S397-02-t10\_02.ppm

Val Image: S397-01-t10\_01.ppm

SIFT Matches: 90

AKAZE Matches: 46

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.390105660913127

Euclidean Distance AKAZE: 2.726790031286688

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.73))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S397/inliers\_S397-02-t10\_02.ppm\_S397-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S397/outliers\_S397-02-t10\_02.ppm\_S397-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S397/inliers\_S397-02-t10\_02.ppm\_S397-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S397/outliers\_S397-02-t10\_02.ppm\_S397-01-t10\_01.ppm.png

Label: S397

Train Image: S397-02-t10\_02.ppm

Val Image: S397-02-t10\_01.ppm

SIFT Matches: 113

AKAZE Matches: 45

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.823136002278002

Euclidean Distance AKAZE: 2.80798392141198

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.81))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S397/inliers\_S397-02-t10\_02.ppm\_S397-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S397/outliers\_S397-02-t10\_02.ppm\_S397-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S397/inliers\_S397-02-t10\_02.ppm\_S397-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S397/outliers\_S397-02-t10\_02.ppm\_S397-02-t10\_01.ppm.png

Label: S397

Train Image: S397-02-t10\_02.ppm

Val Image: S397-03-t10\_01.ppm

SIFT Matches: 118

AKAZE Matches: 62

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.749657060325473

Euclidean Distance AKAZE: 3.752101991174015

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.75))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S397/inliers\_S397-02-t10\_02.ppm\_S397-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S397/outliers\_S397-02-t10\_02.ppm\_S397-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S397/inliers\_S397-02-t10\_02.ppm\_S397-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S397/outliers\_S397-02-t10\_02.ppm\_S397-03-t10\_01.ppm.png

Label: S397

Train Image: S397-03-t10\_02.ppm

Val Image: S397-01-t10\_01.ppm

SIFT Matches: 118

AKAZE Matches: 47

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.499874943244362

Euclidean Distance AKAZE: 2.706822672030482

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.71))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S397/inliers\_S397-03-t10\_02.ppm\_S397-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S397/outliers\_S397-03-t10\_02.ppm\_S397-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S397/inliers\_S397-03-t10\_02.ppm\_S397-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S397/outliers\_S397-03-t10\_02.ppm\_S397-01-t10\_01.ppm.png

Label: S397

Train Image: S397-03-t10\_02.ppm

Val Image: S397-02-t10\_01.ppm

SIFT Matches: 126

AKAZE Matches: 50

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.840220202837298

Euclidean Distance AKAZE: 2.24236145425141

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.24))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S397/inliers\_S397-03-t10\_02.ppm\_S397-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S397/outliers\_S397-03-t10\_02.ppm\_S397-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S397/inliers\_S397-03-t10\_02.ppm\_S397-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S397/outliers\_S397-03-t10\_02.ppm\_S397-02-t10\_01.ppm.png

Label: S397

Train Image: S397-03-t10\_02.ppm

Val Image: S397-03-t10\_01.ppm

SIFT Matches: 133

AKAZE Matches: 57

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.315056117677583

Euclidean Distance AKAZE: 3.32439306372993

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.32))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S397/inliers\_S397-03-t10\_02.ppm\_S397-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S397/outliers\_S397-03-t10\_02.ppm\_S397-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S397/inliers\_S397-03-t10\_02.ppm\_S397-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S397/outliers\_S397-03-t10\_02.ppm\_S397-03-t10\_01.ppm.png

Label: S404

Train Image: S404-02-t10\_01.ppm

Val Image: S404-06-t10\_01.ppm

SIFT Matches: 84

AKAZE Matches: 89

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.686835206347515

Euclidean Distance AKAZE: 4.24099634867711

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.69))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-02-t10\_01.ppm\_S404-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-02-t10\_01.ppm\_S404-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-02-t10\_01.ppm\_S404-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-02-t10\_01.ppm\_S404-06-t10\_01.ppm.png

Label: S404

Train Image: S404-02-t10\_01.ppm

Val Image: S404-07-t10\_01.ppm

SIFT Matches: 77

AKAZE Matches: 80

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.754759766437495

Euclidean Distance AKAZE: 3.647935865867898

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.65))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-02-t10\_01.ppm\_S404-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-02-t10\_01.ppm\_S404-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-02-t10\_01.ppm\_S404-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-02-t10\_01.ppm\_S404-07-t10\_01.ppm.png

Label: S404

Train Image: S404-02-t10\_01.ppm

Val Image: S404-11-t10\_01.ppm

SIFT Matches: 73

AKAZE Matches: 65

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.561674765598704

Euclidean Distance AKAZE: 3.37819307507821

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.38))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-02-t10\_01.ppm\_S404-11-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-02-t10\_01.ppm\_S404-11-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-02-t10\_01.ppm\_S404-11-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-02-t10\_01.ppm\_S404-11-t10\_01.ppm.png

Label: S404

Train Image: S404-02-t10\_01.ppm

Val Image: S404-04-t10\_01.ppm

SIFT Matches: 62

AKAZE Matches: 38

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.274822179709862

Euclidean Distance AKAZE: 2.152784860953927

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.15))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-02-t10\_01.ppm\_S404-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-02-t10\_01.ppm\_S404-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-02-t10\_01.ppm\_S404-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-02-t10\_01.ppm\_S404-04-t10\_01.ppm.png

Label: S404

Train Image: S404-02-t10\_01.ppm

Val Image: S404-13-t10\_01.ppm

SIFT Matches: 70

AKAZE Matches: 59

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.262901783890336

Euclidean Distance AKAZE: 2.981110314676257

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.98))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-02-t10\_01.ppm\_S404-13-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-02-t10\_01.ppm\_S404-13-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-02-t10\_01.ppm\_S404-13-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-02-t10\_01.ppm\_S404-13-t10\_01.ppm.png

Label: S404

Train Image: S404-02-t10\_01.ppm

Val Image: S404-10-t10\_01.ppm

SIFT Matches: 94

AKAZE Matches: 70

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.696986240320885

Euclidean Distance AKAZE: 3.535607875529441

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.54))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-02-t10\_01.ppm\_S404-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-02-t10\_01.ppm\_S404-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-02-t10\_01.ppm\_S404-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-02-t10\_01.ppm\_S404-10-t10\_01.ppm.png

Label: S404

Train Image: S404-02-t10\_01.ppm

Val Image: S404-08-t10\_01.ppm

SIFT Matches: 87

AKAZE Matches: 85

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.819248126962493

Euclidean Distance AKAZE: 3.325445827408053

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.33))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-02-t10\_01.ppm\_S404-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-02-t10\_01.ppm\_S404-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-02-t10\_01.ppm\_S404-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-02-t10\_01.ppm\_S404-08-t10\_01.ppm.png

Label: S404

Train Image: S404-09-t10\_01.ppm

Val Image: S404-06-t10\_01.ppm

SIFT Matches: 168

AKAZE Matches: 218

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.071259843098612

Euclidean Distance AKAZE: 5.181283428416448

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (5.07))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-09-t10\_01.ppm\_S404-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-09-t10\_01.ppm\_S404-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-09-t10\_01.ppm\_S404-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-09-t10\_01.ppm\_S404-06-t10\_01.ppm.png

Label: S404

Train Image: S404-09-t10\_01.ppm

Val Image: S404-07-t10\_01.ppm

SIFT Matches: 180

AKAZE Matches: 175

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.563773355159842

Euclidean Distance AKAZE: 4.87277026376491

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.87))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-09-t10\_01.ppm\_S404-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-09-t10\_01.ppm\_S404-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-09-t10\_01.ppm\_S404-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-09-t10\_01.ppm\_S404-07-t10\_01.ppm.png

Label: S404

Train Image: S404-09-t10\_01.ppm

Val Image: S404-11-t10\_01.ppm

SIFT Matches: 132

AKAZE Matches: 123

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.927620674069375

Euclidean Distance AKAZE: 4.140998524622539

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.14))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-09-t10\_01.ppm\_S404-11-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-09-t10\_01.ppm\_S404-11-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-09-t10\_01.ppm\_S404-11-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-09-t10\_01.ppm\_S404-11-t10\_01.ppm.png

Label: S404

Train Image: S404-09-t10\_01.ppm

Val Image: S404-04-t10\_01.ppm

SIFT Matches: 79

AKAZE Matches: 46

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.703086178270782

Euclidean Distance AKAZE: 2.756308852957118

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.76))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-09-t10\_01.ppm\_S404-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-09-t10\_01.ppm\_S404-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-09-t10\_01.ppm\_S404-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-09-t10\_01.ppm\_S404-04-t10\_01.ppm.png

Label: S404

Train Image: S404-09-t10\_01.ppm

Val Image: S404-13-t10\_01.ppm

SIFT Matches: 127

AKAZE Matches: 125

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.341053835976956

Euclidean Distance AKAZE: 4.169552532348437

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.17))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-09-t10\_01.ppm\_S404-13-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-09-t10\_01.ppm\_S404-13-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-09-t10\_01.ppm\_S404-13-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-09-t10\_01.ppm\_S404-13-t10\_01.ppm.png

Label: S404

Train Image: S404-09-t10\_01.ppm

Val Image: S404-10-t10\_01.ppm

SIFT Matches: 184

AKAZE Matches: 139

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.729420190254207

Euclidean Distance AKAZE: 5.059994877765542

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (5.06))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-09-t10\_01.ppm\_S404-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-09-t10\_01.ppm\_S404-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-09-t10\_01.ppm\_S404-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-09-t10\_01.ppm\_S404-10-t10\_01.ppm.png

Label: S404

Train Image: S404-09-t10\_01.ppm

Val Image: S404-08-t10\_01.ppm

SIFT Matches: 201

AKAZE Matches: 212

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.72444502976926

Euclidean Distance AKAZE: 5.700801778449192

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (5.70))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-09-t10\_01.ppm\_S404-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-09-t10\_01.ppm\_S404-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-09-t10\_01.ppm\_S404-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-09-t10\_01.ppm\_S404-08-t10\_01.ppm.png

Label: S404

Train Image: S404-05-t10\_01.ppm

Val Image: S404-06-t10\_01.ppm

SIFT Matches: 120

AKAZE Matches: 101

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.865998275752898

Euclidean Distance AKAZE: 4.594679235433928

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.59))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-05-t10\_01.ppm\_S404-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-05-t10\_01.ppm\_S404-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-05-t10\_01.ppm\_S404-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-05-t10\_01.ppm\_S404-06-t10\_01.ppm.png

Label: S404

Train Image: S404-05-t10\_01.ppm

Val Image: S404-07-t10\_01.ppm

SIFT Matches: 107

AKAZE Matches: 75

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.236027772736781

Euclidean Distance AKAZE: 3.511164849785247

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.51))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-05-t10\_01.ppm\_S404-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-05-t10\_01.ppm\_S404-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-05-t10\_01.ppm\_S404-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-05-t10\_01.ppm\_S404-07-t10\_01.ppm.png

Label: S404

Train Image: S404-05-t10\_01.ppm

Val Image: S404-11-t10\_01.ppm

SIFT Matches: 104

AKAZE Matches: 58

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.244215222867942

Euclidean Distance AKAZE: 3.050040442638551

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.05))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-05-t10\_01.ppm\_S404-11-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-05-t10\_01.ppm\_S404-11-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-05-t10\_01.ppm\_S404-11-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-05-t10\_01.ppm\_S404-11-t10\_01.ppm.png

Label: S404

Train Image: S404-05-t10\_01.ppm

Val Image: S404-04-t10\_01.ppm

SIFT Matches: 66

AKAZE Matches: 50

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.12725153337642

Euclidean Distance AKAZE: 2.827581685105176

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.83))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-05-t10\_01.ppm\_S404-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-05-t10\_01.ppm\_S404-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-05-t10\_01.ppm\_S404-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-05-t10\_01.ppm\_S404-04-t10\_01.ppm.png

Label: S404

Train Image: S404-05-t10\_01.ppm

Val Image: S404-13-t10\_01.ppm

SIFT Matches: 92

AKAZE Matches: 71

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.900063661194551

Euclidean Distance AKAZE: 3.314975617726877

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.31))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-05-t10\_01.ppm\_S404-13-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-05-t10\_01.ppm\_S404-13-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-05-t10\_01.ppm\_S404-13-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-05-t10\_01.ppm\_S404-13-t10\_01.ppm.png

Label: S404

Train Image: S404-05-t10\_01.ppm

Val Image: S404-10-t10\_01.ppm

SIFT Matches: 136

AKAZE Matches: 81

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.103029962154831

Euclidean Distance AKAZE: 3.466092912368194

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.47))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-05-t10\_01.ppm\_S404-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-05-t10\_01.ppm\_S404-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-05-t10\_01.ppm\_S404-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-05-t10\_01.ppm\_S404-10-t10\_01.ppm.png

Label: S404

Train Image: S404-05-t10\_01.ppm

Val Image: S404-08-t10\_01.ppm

SIFT Matches: 124

AKAZE Matches: 74

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.919291794958133

Euclidean Distance AKAZE: 3.644068542205339

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.64))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-05-t10\_01.ppm\_S404-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-05-t10\_01.ppm\_S404-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-05-t10\_01.ppm\_S404-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-05-t10\_01.ppm\_S404-08-t10\_01.ppm.png

Label: S404

Train Image: S404-01-t10\_01.ppm

Val Image: S404-06-t10\_01.ppm

SIFT Matches: 154

AKAZE Matches: 117

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.009075962098138

Euclidean Distance AKAZE: 4.289463716422197

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.29))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-01-t10\_01.ppm\_S404-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-01-t10\_01.ppm\_S404-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-01-t10\_01.ppm\_S404-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-01-t10\_01.ppm\_S404-06-t10\_01.ppm.png

Label: S404

Train Image: S404-01-t10\_01.ppm

Val Image: S404-07-t10\_01.ppm

SIFT Matches: 137

AKAZE Matches: 95

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.984741365906832

Euclidean Distance AKAZE: 4.182159307411662

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.18))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-01-t10\_01.ppm\_S404-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-01-t10\_01.ppm\_S404-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-01-t10\_01.ppm\_S404-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-01-t10\_01.ppm\_S404-07-t10\_01.ppm.png

Label: S404

Train Image: S404-01-t10\_01.ppm

Val Image: S404-11-t10\_01.ppm

SIFT Matches: 131

AKAZE Matches: 74

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.423282152919211

Euclidean Distance AKAZE: 3.381808980099221

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.38))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-01-t10\_01.ppm\_S404-11-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-01-t10\_01.ppm\_S404-11-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-01-t10\_01.ppm\_S404-11-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-01-t10\_01.ppm\_S404-11-t10\_01.ppm.png

Label: S404

Train Image: S404-01-t10\_01.ppm

Val Image: S404-04-t10\_01.ppm

SIFT Matches: 71

AKAZE Matches: 51

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.287861254162837

Euclidean Distance AKAZE: 2.992724647290716

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.99))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-01-t10\_01.ppm\_S404-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-01-t10\_01.ppm\_S404-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-01-t10\_01.ppm\_S404-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-01-t10\_01.ppm\_S404-04-t10\_01.ppm.png

Label: S404

Train Image: S404-01-t10\_01.ppm

Val Image: S404-13-t10\_01.ppm

SIFT Matches: 103

AKAZE Matches: 72

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.84358397750565

Euclidean Distance AKAZE: 3.316876171734028

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.32))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-01-t10\_01.ppm\_S404-13-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-01-t10\_01.ppm\_S404-13-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-01-t10\_01.ppm\_S404-13-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-01-t10\_01.ppm\_S404-13-t10\_01.ppm.png

Label: S404

Train Image: S404-01-t10\_01.ppm

Val Image: S404-10-t10\_01.ppm

SIFT Matches: 179

AKAZE Matches: 92

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.602901341351551

Euclidean Distance AKAZE: 3.99710724220742

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.00))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-01-t10\_01.ppm\_S404-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-01-t10\_01.ppm\_S404-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-01-t10\_01.ppm\_S404-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-01-t10\_01.ppm\_S404-10-t10\_01.ppm.png

Label: S404

Train Image: S404-01-t10\_01.ppm

Val Image: S404-08-t10\_01.ppm

SIFT Matches: 179

AKAZE Matches: 121

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.200353268180669

Euclidean Distance AKAZE: 4.672408845443273

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.67))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-01-t10\_01.ppm\_S404-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-01-t10\_01.ppm\_S404-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-01-t10\_01.ppm\_S404-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-01-t10\_01.ppm\_S404-08-t10\_01.ppm.png

Label: S404

Train Image: S404-03-t10\_01.ppm

Val Image: S404-06-t10\_01.ppm

SIFT Matches: 67

AKAZE Matches: 63

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.095993868009274

Euclidean Distance AKAZE: 3.077655056474851

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.08))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-03-t10\_01.ppm\_S404-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-03-t10\_01.ppm\_S404-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-03-t10\_01.ppm\_S404-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-03-t10\_01.ppm\_S404-06-t10\_01.ppm.png

Label: S404

Train Image: S404-03-t10\_01.ppm

Val Image: S404-07-t10\_01.ppm

SIFT Matches: 77

AKAZE Matches: 50

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.32824252666027

Euclidean Distance AKAZE: 2.502658788098681

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.50))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-03-t10\_01.ppm\_S404-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-03-t10\_01.ppm\_S404-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-03-t10\_01.ppm\_S404-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-03-t10\_01.ppm\_S404-07-t10\_01.ppm.png

Label: S404

Train Image: S404-03-t10\_01.ppm

Val Image: S404-11-t10\_01.ppm

SIFT Matches: 56

AKAZE Matches: 38

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.15997900095918

Euclidean Distance AKAZE: 2.413462358614666

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.41))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-03-t10\_01.ppm\_S404-11-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-03-t10\_01.ppm\_S404-11-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-03-t10\_01.ppm\_S404-11-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-03-t10\_01.ppm\_S404-11-t10\_01.ppm.png

Label: S404

Train Image: S404-03-t10\_01.ppm

Val Image: S404-04-t10\_01.ppm

SIFT Matches: 65

AKAZE Matches: 37

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.3764914612389

Euclidean Distance AKAZE: 2.357747270314916

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.36))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-03-t10\_01.ppm\_S404-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-03-t10\_01.ppm\_S404-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-03-t10\_01.ppm\_S404-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-03-t10\_01.ppm\_S404-04-t10\_01.ppm.png

Label: S404

Train Image: S404-03-t10\_01.ppm

Val Image: S404-13-t10\_01.ppm

SIFT Matches: 76

AKAZE Matches: 47

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.327472424963206

Euclidean Distance AKAZE: 2.833284564052336

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.83))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-03-t10\_01.ppm\_S404-13-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-03-t10\_01.ppm\_S404-13-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-03-t10\_01.ppm\_S404-13-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-03-t10\_01.ppm\_S404-13-t10\_01.ppm.png

Label: S404

Train Image: S404-03-t10\_01.ppm

Val Image: S404-10-t10\_01.ppm

SIFT Matches: 90

AKAZE Matches: 56

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.764085407764061

Euclidean Distance AKAZE: 2.899333205289331

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.90))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-03-t10\_01.ppm\_S404-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-03-t10\_01.ppm\_S404-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-03-t10\_01.ppm\_S404-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-03-t10\_01.ppm\_S404-10-t10\_01.ppm.png

Label: S404

Train Image: S404-03-t10\_01.ppm

Val Image: S404-08-t10\_01.ppm

SIFT Matches: 85

AKAZE Matches: 48

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.634975721812743

Euclidean Distance AKAZE: 2.246689950389244

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.25))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-03-t10\_01.ppm\_S404-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-03-t10\_01.ppm\_S404-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-03-t10\_01.ppm\_S404-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-03-t10\_01.ppm\_S404-08-t10\_01.ppm.png

Label: S404

Train Image: S404-12-t10\_01.ppm

Val Image: S404-06-t10\_01.ppm

SIFT Matches: 146

AKAZE Matches: 171

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.943113402258924

Euclidean Distance AKAZE: 5.075427694788755

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (4.94))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-12-t10\_01.ppm\_S404-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-12-t10\_01.ppm\_S404-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-12-t10\_01.ppm\_S404-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-12-t10\_01.ppm\_S404-06-t10\_01.ppm.png

Label: S404

Train Image: S404-12-t10\_01.ppm

Val Image: S404-07-t10\_01.ppm

SIFT Matches: 163

AKAZE Matches: 151

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.410610186253342

Euclidean Distance AKAZE: 4.719230356653492

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.72))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-12-t10\_01.ppm\_S404-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-12-t10\_01.ppm\_S404-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-12-t10\_01.ppm\_S404-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-12-t10\_01.ppm\_S404-07-t10\_01.ppm.png

Label: S404

Train Image: S404-12-t10\_01.ppm

Val Image: S404-11-t10\_01.ppm

SIFT Matches: 134

AKAZE Matches: 97

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.262594177476935

Euclidean Distance AKAZE: 3.492466265182112

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.49))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-12-t10\_01.ppm\_S404-11-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-12-t10\_01.ppm\_S404-11-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-12-t10\_01.ppm\_S404-11-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-12-t10\_01.ppm\_S404-11-t10\_01.ppm.png

Label: S404

Train Image: S404-12-t10\_01.ppm

Val Image: S404-04-t10\_01.ppm

SIFT Matches: 71

AKAZE Matches: 51

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.567254618107906

Euclidean Distance AKAZE: 2.921194598296856

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.92))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-12-t10\_01.ppm\_S404-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-12-t10\_01.ppm\_S404-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-12-t10\_01.ppm\_S404-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-12-t10\_01.ppm\_S404-04-t10\_01.ppm.png

Label: S404

Train Image: S404-12-t10\_01.ppm

Val Image: S404-13-t10\_01.ppm

SIFT Matches: 139

AKAZE Matches: 129

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.334089741570138

Euclidean Distance AKAZE: 3.951013698001644

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.95))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-12-t10\_01.ppm\_S404-13-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-12-t10\_01.ppm\_S404-13-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-12-t10\_01.ppm\_S404-13-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-12-t10\_01.ppm\_S404-13-t10\_01.ppm.png

Label: S404

Train Image: S404-12-t10\_01.ppm

Val Image: S404-10-t10\_01.ppm

SIFT Matches: 184

AKAZE Matches: 129

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.749848428421617

Euclidean Distance AKAZE: 4.220929302085056

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.22))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-12-t10\_01.ppm\_S404-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-12-t10\_01.ppm\_S404-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-12-t10\_01.ppm\_S404-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-12-t10\_01.ppm\_S404-10-t10\_01.ppm.png

Label: S404

Train Image: S404-12-t10\_01.ppm

Val Image: S404-08-t10\_01.ppm

SIFT Matches: 188

AKAZE Matches: 147

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.782902508837987

Euclidean Distance AKAZE: 4.800577547853937

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.80))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/inliers\_S404-12-t10\_01.ppm\_S404-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S404/outliers\_S404-12-t10\_01.ppm\_S404-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/inliers\_S404-12-t10\_01.ppm\_S404-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S404/outliers\_S404-12-t10\_01.ppm\_S404-08-t10\_01.ppm.png

Label: S396

Train Image: S396-04-t10\_01.ppm

Val Image: S396-11-t10\_01.ppm

SIFT Matches: 190

AKAZE Matches: 120

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.668131949795921

Euclidean Distance AKAZE: 4.261166709205962

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.26))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/inliers\_S396-04-t10\_01.ppm\_S396-11-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/outliers\_S396-04-t10\_01.ppm\_S396-11-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/inliers\_S396-04-t10\_01.ppm\_S396-11-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/outliers\_S396-04-t10\_01.ppm\_S396-11-t10\_01.ppm.png

Label: S396

Train Image: S396-04-t10\_01.ppm

Val Image: S396-10-t10\_01.ppm

SIFT Matches: 153

AKAZE Matches: 110

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.133708318733017

Euclidean Distance AKAZE: 4.481214670224626

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (4.13))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/inliers\_S396-04-t10\_01.ppm\_S396-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/outliers\_S396-04-t10\_01.ppm\_S396-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/inliers\_S396-04-t10\_01.ppm\_S396-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/outliers\_S396-04-t10\_01.ppm\_S396-10-t10\_01.ppm.png

Label: S396

Train Image: S396-04-t10\_01.ppm

Val Image: S396-01-t10\_01.ppm

SIFT Matches: 90

AKAZE Matches: 50

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.812039113001124

Euclidean Distance AKAZE: 2.509376581937832

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.51))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/inliers\_S396-04-t10\_01.ppm\_S396-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/outliers\_S396-04-t10\_01.ppm\_S396-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/inliers\_S396-04-t10\_01.ppm\_S396-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/outliers\_S396-04-t10\_01.ppm\_S396-01-t10\_01.ppm.png

Label: S396

Train Image: S396-04-t10\_01.ppm

Val Image: S396-02-t10\_01.ppm

SIFT Matches: 117

AKAZE Matches: 87

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.31902079084293

Euclidean Distance AKAZE: 4.054489854255984

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.05))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/inliers\_S396-04-t10\_01.ppm\_S396-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/outliers\_S396-04-t10\_01.ppm\_S396-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/inliers\_S396-04-t10\_01.ppm\_S396-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/outliers\_S396-04-t10\_01.ppm\_S396-02-t10\_01.ppm.png

Label: S396

Train Image: S396-04-t10\_01.ppm

Val Image: S396-09-t10\_01.ppm

SIFT Matches: 105

AKAZE Matches: 76

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.970002510209296

Euclidean Distance AKAZE: 3.713075755217945

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.71))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/inliers\_S396-04-t10\_01.ppm\_S396-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/outliers\_S396-04-t10\_01.ppm\_S396-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/inliers\_S396-04-t10\_01.ppm\_S396-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/outliers\_S396-04-t10\_01.ppm\_S396-09-t10\_01.ppm.png

Label: S396

Train Image: S396-04-t10\_01.ppm

Val Image: S396-05-t10\_01.ppm

SIFT Matches: 183

AKAZE Matches: 117

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.464575758500313

Euclidean Distance AKAZE: 3.615147541676871

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.62))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/inliers\_S396-04-t10\_01.ppm\_S396-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/outliers\_S396-04-t10\_01.ppm\_S396-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/inliers\_S396-04-t10\_01.ppm\_S396-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/outliers\_S396-04-t10\_01.ppm\_S396-05-t10\_01.ppm.png

Label: S396

Train Image: S396-04-t10\_01.ppm

Val Image: S396-06-t10\_01.ppm

SIFT Matches: 90

AKAZE Matches: 60

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.495617807921393

Euclidean Distance AKAZE: 3.141303163393228

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.14))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/inliers\_S396-04-t10\_01.ppm\_S396-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/outliers\_S396-04-t10\_01.ppm\_S396-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/inliers\_S396-04-t10\_01.ppm\_S396-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/outliers\_S396-04-t10\_01.ppm\_S396-06-t10\_01.ppm.png

Label: S396

Train Image: S396-04-t10\_01.ppm

Val Image: S396-08-t10\_01.ppm

SIFT Matches: 179

AKAZE Matches: 112

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.678321812771721

Euclidean Distance AKAZE: 4.033104832173795

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.03))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/inliers\_S396-04-t10\_01.ppm\_S396-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/outliers\_S396-04-t10\_01.ppm\_S396-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/inliers\_S396-04-t10\_01.ppm\_S396-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/outliers\_S396-04-t10\_01.ppm\_S396-08-t10\_01.ppm.png

Label: S396

Train Image: S396-07-t10\_01.ppm

Val Image: S396-11-t10\_01.ppm

SIFT Matches: 213

AKAZE Matches: 110

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.17337157331569

Euclidean Distance AKAZE: 4.042052382506605

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.04))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/inliers\_S396-07-t10\_01.ppm\_S396-11-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/outliers\_S396-07-t10\_01.ppm\_S396-11-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/inliers\_S396-07-t10\_01.ppm\_S396-11-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/outliers\_S396-07-t10\_01.ppm\_S396-11-t10\_01.ppm.png

Label: S396

Train Image: S396-07-t10\_01.ppm

Val Image: S396-10-t10\_01.ppm

SIFT Matches: 146

AKAZE Matches: 99

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.528785401059744

Euclidean Distance AKAZE: 4.166096813417447

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.17))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/inliers\_S396-07-t10\_01.ppm\_S396-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/outliers\_S396-07-t10\_01.ppm\_S396-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/inliers\_S396-07-t10\_01.ppm\_S396-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/outliers\_S396-07-t10\_01.ppm\_S396-10-t10\_01.ppm.png

Label: S396

Train Image: S396-07-t10\_01.ppm

Val Image: S396-01-t10\_01.ppm

SIFT Matches: 117

AKAZE Matches: 44

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.27136928214721

Euclidean Distance AKAZE: 2.366580459328779

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.37))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/inliers\_S396-07-t10\_01.ppm\_S396-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/outliers\_S396-07-t10\_01.ppm\_S396-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/inliers\_S396-07-t10\_01.ppm\_S396-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/outliers\_S396-07-t10\_01.ppm\_S396-01-t10\_01.ppm.png

Label: S396

Train Image: S396-07-t10\_01.ppm

Val Image: S396-02-t10\_01.ppm

SIFT Matches: 128

AKAZE Matches: 88

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.053553218179076

Euclidean Distance AKAZE: 3.928474275580615

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.93))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/inliers\_S396-07-t10\_01.ppm\_S396-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/outliers\_S396-07-t10\_01.ppm\_S396-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/inliers\_S396-07-t10\_01.ppm\_S396-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/outliers\_S396-07-t10\_01.ppm\_S396-02-t10\_01.ppm.png

Label: S396

Train Image: S396-07-t10\_01.ppm

Val Image: S396-09-t10\_01.ppm

SIFT Matches: 107

AKAZE Matches: 61

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.195607884810727

Euclidean Distance AKAZE: 2.974952398829304

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.97))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/inliers\_S396-07-t10\_01.ppm\_S396-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/outliers\_S396-07-t10\_01.ppm\_S396-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/inliers\_S396-07-t10\_01.ppm\_S396-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/outliers\_S396-07-t10\_01.ppm\_S396-09-t10\_01.ppm.png

Label: S396

Train Image: S396-07-t10\_01.ppm

Val Image: S396-05-t10\_01.ppm

SIFT Matches: 207

AKAZE Matches: 102

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.532894280350418

Euclidean Distance AKAZE: 3.845387260775947

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.85))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/inliers\_S396-07-t10\_01.ppm\_S396-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/outliers\_S396-07-t10\_01.ppm\_S396-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/inliers\_S396-07-t10\_01.ppm\_S396-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/outliers\_S396-07-t10\_01.ppm\_S396-05-t10\_01.ppm.png

Label: S396

Train Image: S396-07-t10\_01.ppm

Val Image: S396-06-t10\_01.ppm

SIFT Matches: 122

AKAZE Matches: 68

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.10636669675119

Euclidean Distance AKAZE: 2.831882763031229

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.83))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/inliers\_S396-07-t10\_01.ppm\_S396-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/outliers\_S396-07-t10\_01.ppm\_S396-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/inliers\_S396-07-t10\_01.ppm\_S396-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/outliers\_S396-07-t10\_01.ppm\_S396-06-t10\_01.ppm.png

Label: S396

Train Image: S396-07-t10\_01.ppm

Val Image: S396-08-t10\_01.ppm

SIFT Matches: 191

AKAZE Matches: 102

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.567165601618656

Euclidean Distance AKAZE: 4.13362917195333

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.13))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/inliers\_S396-07-t10\_01.ppm\_S396-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/outliers\_S396-07-t10\_01.ppm\_S396-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/inliers\_S396-07-t10\_01.ppm\_S396-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/outliers\_S396-07-t10\_01.ppm\_S396-08-t10\_01.ppm.png

Label: S396

Train Image: S396-03-t10\_01.ppm

Val Image: S396-11-t10\_01.ppm

SIFT Matches: 78

AKAZE Matches: 71

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.966778959153795

Euclidean Distance AKAZE: 3.286928938259058

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.29))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/inliers\_S396-03-t10\_01.ppm\_S396-11-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/outliers\_S396-03-t10\_01.ppm\_S396-11-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/inliers\_S396-03-t10\_01.ppm\_S396-11-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/outliers\_S396-03-t10\_01.ppm\_S396-11-t10\_01.ppm.png

Label: S396

Train Image: S396-03-t10\_01.ppm

Val Image: S396-10-t10\_01.ppm

SIFT Matches: 71

AKAZE Matches: 64

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.831181049266523

Euclidean Distance AKAZE: 3.183826519789753

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.18))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/inliers\_S396-03-t10\_01.ppm\_S396-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/outliers\_S396-03-t10\_01.ppm\_S396-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/inliers\_S396-03-t10\_01.ppm\_S396-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/outliers\_S396-03-t10\_01.ppm\_S396-10-t10\_01.ppm.png

Label: S396

Train Image: S396-03-t10\_01.ppm

Val Image: S396-01-t10\_01.ppm

SIFT Matches: 55

AKAZE Matches: 42

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.461562422384694

Euclidean Distance AKAZE: 2.469826474661576

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.47))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/inliers\_S396-03-t10\_01.ppm\_S396-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/outliers\_S396-03-t10\_01.ppm\_S396-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/inliers\_S396-03-t10\_01.ppm\_S396-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/outliers\_S396-03-t10\_01.ppm\_S396-01-t10\_01.ppm.png

Label: S396

Train Image: S396-03-t10\_01.ppm

Val Image: S396-02-t10\_01.ppm

SIFT Matches: 61

AKAZE Matches: 63

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.539127361905323

Euclidean Distance AKAZE: 3.258388401403028

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.26))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/inliers\_S396-03-t10\_01.ppm\_S396-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/outliers\_S396-03-t10\_01.ppm\_S396-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/inliers\_S396-03-t10\_01.ppm\_S396-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/outliers\_S396-03-t10\_01.ppm\_S396-02-t10\_01.ppm.png

Label: S396

Train Image: S396-03-t10\_01.ppm

Val Image: S396-09-t10\_01.ppm

SIFT Matches: 61

AKAZE Matches: 54

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.041781905691048

Euclidean Distance AKAZE: 2.848526803904529

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.85))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/inliers\_S396-03-t10\_01.ppm\_S396-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/outliers\_S396-03-t10\_01.ppm\_S396-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/inliers\_S396-03-t10\_01.ppm\_S396-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/outliers\_S396-03-t10\_01.ppm\_S396-09-t10\_01.ppm.png

Label: S396

Train Image: S396-03-t10\_01.ppm

Val Image: S396-05-t10\_01.ppm

SIFT Matches: 78

AKAZE Matches: 86

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.945333800221428

Euclidean Distance AKAZE: 3.545151360122479

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.55))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/inliers\_S396-03-t10\_01.ppm\_S396-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/outliers\_S396-03-t10\_01.ppm\_S396-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/inliers\_S396-03-t10\_01.ppm\_S396-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/outliers\_S396-03-t10\_01.ppm\_S396-05-t10\_01.ppm.png

Label: S396

Train Image: S396-03-t10\_01.ppm

Val Image: S396-06-t10\_01.ppm

SIFT Matches: 54

AKAZE Matches: 51

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.052370943775253

Euclidean Distance AKAZE: 3.19477685899082

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.05))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/inliers\_S396-03-t10\_01.ppm\_S396-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/outliers\_S396-03-t10\_01.ppm\_S396-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/inliers\_S396-03-t10\_01.ppm\_S396-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/outliers\_S396-03-t10\_01.ppm\_S396-06-t10\_01.ppm.png

Label: S396

Train Image: S396-03-t10\_01.ppm

Val Image: S396-08-t10\_01.ppm

SIFT Matches: 87

AKAZE Matches: 77

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.681574620216976

Euclidean Distance AKAZE: 3.576134239136203

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.58))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/inliers\_S396-03-t10\_01.ppm\_S396-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S396/outliers\_S396-03-t10\_01.ppm\_S396-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/inliers\_S396-03-t10\_01.ppm\_S396-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S396/outliers\_S396-03-t10\_01.ppm\_S396-08-t10\_01.ppm.png

Label: S403

Train Image: S403-04-t10\_01.ppm

Val Image: S403-02-t10\_01.ppm

SIFT Matches: 87

AKAZE Matches: 65

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.601374269066087

Euclidean Distance AKAZE: 2.958474035780048

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.96))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S403/inliers\_S403-04-t10\_01.ppm\_S403-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S403/outliers\_S403-04-t10\_01.ppm\_S403-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S403/inliers\_S403-04-t10\_01.ppm\_S403-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S403/outliers\_S403-04-t10\_01.ppm\_S403-02-t10\_01.ppm.png

Label: S403

Train Image: S403-04-t10\_01.ppm

Val Image: S403-03-t10\_01.ppm

SIFT Matches: 121

AKAZE Matches: 91

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.18552363689893

Euclidean Distance AKAZE: 3.803965913868883

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.80))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S403/inliers\_S403-04-t10\_01.ppm\_S403-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S403/outliers\_S403-04-t10\_01.ppm\_S403-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S403/inliers\_S403-04-t10\_01.ppm\_S403-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S403/outliers\_S403-04-t10\_01.ppm\_S403-03-t10\_01.ppm.png

Label: S403

Train Image: S403-01-t10\_01.ppm

Val Image: S403-02-t10\_01.ppm

SIFT Matches: 87

AKAZE Matches: 68

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.943294204134471

Euclidean Distance AKAZE: 3.587423208286847

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.59))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S403/inliers\_S403-01-t10\_01.ppm\_S403-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S403/outliers\_S403-01-t10\_01.ppm\_S403-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S403/inliers\_S403-01-t10\_01.ppm\_S403-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S403/outliers\_S403-01-t10\_01.ppm\_S403-02-t10\_01.ppm.png

Label: S403

Train Image: S403-01-t10\_01.ppm

Val Image: S403-03-t10\_01.ppm

SIFT Matches: 103

AKAZE Matches: 78

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.126529266856294

Euclidean Distance AKAZE: 3.535708358382274

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.54))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S403/inliers\_S403-01-t10\_01.ppm\_S403-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S403/outliers\_S403-01-t10\_01.ppm\_S403-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S403/inliers\_S403-01-t10\_01.ppm\_S403-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S403/outliers\_S403-01-t10\_01.ppm\_S403-03-t10\_01.ppm.png

Label: S405

Train Image: S405-05-t10\_01.ppm

Val Image: S405-03-t10\_01.ppm

SIFT Matches: 128

AKAZE Matches: 89

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.5370048425139

Euclidean Distance AKAZE: 4.034071548863803

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.03))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S405/inliers\_S405-05-t10\_01.ppm\_S405-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S405/outliers\_S405-05-t10\_01.ppm\_S405-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S405/inliers\_S405-05-t10\_01.ppm\_S405-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S405/outliers\_S405-05-t10\_01.ppm\_S405-03-t10\_01.ppm.png

Label: S405

Train Image: S405-05-t10\_01.ppm

Val Image: S405-04-t10\_01.ppm

SIFT Matches: 129

AKAZE Matches: 72

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.434185179572173

Euclidean Distance AKAZE: 3.264120048480728

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.26))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S405/inliers\_S405-05-t10\_01.ppm\_S405-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S405/outliers\_S405-05-t10\_01.ppm\_S405-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S405/inliers\_S405-05-t10\_01.ppm\_S405-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S405/outliers\_S405-05-t10\_01.ppm\_S405-04-t10\_01.ppm.png

Label: S405

Train Image: S405-05-t10\_01.ppm

Val Image: S405-02-t10\_01.ppm

SIFT Matches: 124

AKAZE Matches: 77

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.94585935272314

Euclidean Distance AKAZE: 3.49612522219862

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.50))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S405/inliers\_S405-05-t10\_01.ppm\_S405-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S405/outliers\_S405-05-t10\_01.ppm\_S405-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S405/inliers\_S405-05-t10\_01.ppm\_S405-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S405/outliers\_S405-05-t10\_01.ppm\_S405-02-t10\_01.ppm.png

Label: S405

Train Image: S405-01-t10\_01.ppm

Val Image: S405-03-t10\_01.ppm

SIFT Matches: 139

AKAZE Matches: 94

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.850080205560969

Euclidean Distance AKAZE: 3.993097404972104

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.99))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S405/inliers\_S405-01-t10\_01.ppm\_S405-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S405/outliers\_S405-01-t10\_01.ppm\_S405-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S405/inliers\_S405-01-t10\_01.ppm\_S405-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S405/outliers\_S405-01-t10\_01.ppm\_S405-03-t10\_01.ppm.png

Label: S405

Train Image: S405-01-t10\_01.ppm

Val Image: S405-04-t10\_01.ppm

SIFT Matches: 131

AKAZE Matches: 81

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.427899342891941

Euclidean Distance AKAZE: 3.613823612788037

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.61))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S405/inliers\_S405-01-t10\_01.ppm\_S405-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S405/outliers\_S405-01-t10\_01.ppm\_S405-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S405/inliers\_S405-01-t10\_01.ppm\_S405-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S405/outliers\_S405-01-t10\_01.ppm\_S405-04-t10\_01.ppm.png

Label: S405

Train Image: S405-01-t10\_01.ppm

Val Image: S405-02-t10\_01.ppm

SIFT Matches: 149

AKAZE Matches: 77

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.184407089803337

Euclidean Distance AKAZE: 3.669342718859257

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.67))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S405/inliers\_S405-01-t10\_01.ppm\_S405-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S405/outliers\_S405-01-t10\_01.ppm\_S405-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S405/inliers\_S405-01-t10\_01.ppm\_S405-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S405/outliers\_S405-01-t10\_01.ppm\_S405-02-t10\_01.ppm.png

Label: S405

Train Image: S405-06-t10\_01.ppm

Val Image: S405-03-t10\_01.ppm

SIFT Matches: 100

AKAZE Matches: 64

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.699568515800782

Euclidean Distance AKAZE: 2.756603395160286

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.76))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S405/inliers\_S405-06-t10\_01.ppm\_S405-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S405/outliers\_S405-06-t10\_01.ppm\_S405-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S405/inliers\_S405-06-t10\_01.ppm\_S405-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S405/outliers\_S405-06-t10\_01.ppm\_S405-03-t10\_01.ppm.png

Label: S405

Train Image: S405-06-t10\_01.ppm

Val Image: S405-04-t10\_01.ppm

SIFT Matches: 89

AKAZE Matches: 54

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.604894061138368

Euclidean Distance AKAZE: 2.613529381482619

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.61))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S405/inliers\_S405-06-t10\_01.ppm\_S405-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S405/outliers\_S405-06-t10\_01.ppm\_S405-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S405/inliers\_S405-06-t10\_01.ppm\_S405-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S405/outliers\_S405-06-t10\_01.ppm\_S405-04-t10\_01.ppm.png

Label: S405

Train Image: S405-06-t10\_01.ppm

Val Image: S405-02-t10\_01.ppm

SIFT Matches: 93

AKAZE Matches: 58

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.086109222753395

Euclidean Distance AKAZE: 3.094689367636407

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.09))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S405/inliers\_S405-06-t10\_01.ppm\_S405-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S405/outliers\_S405-06-t10\_01.ppm\_S405-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S405/inliers\_S405-06-t10\_01.ppm\_S405-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S405/outliers\_S405-06-t10\_01.ppm\_S405-02-t10\_01.ppm.png

Label: S405

Train Image: S405-07-t10\_01.ppm

Val Image: S405-03-t10\_01.ppm

SIFT Matches: 113

AKAZE Matches: 76

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.567942647119519

Euclidean Distance AKAZE: 3.529591477137871

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.53))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S405/inliers\_S405-07-t10\_01.ppm\_S405-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S405/outliers\_S405-07-t10\_01.ppm\_S405-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S405/inliers\_S405-07-t10\_01.ppm\_S405-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S405/outliers\_S405-07-t10\_01.ppm\_S405-03-t10\_01.ppm.png

Label: S405

Train Image: S405-07-t10\_01.ppm

Val Image: S405-04-t10\_01.ppm

SIFT Matches: 111

AKAZE Matches: 76

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.560719750462169

Euclidean Distance AKAZE: 3.378645848065811

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.38))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S405/inliers\_S405-07-t10\_01.ppm\_S405-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S405/outliers\_S405-07-t10\_01.ppm\_S405-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S405/inliers\_S405-07-t10\_01.ppm\_S405-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S405/outliers\_S405-07-t10\_01.ppm\_S405-04-t10\_01.ppm.png

Label: S405

Train Image: S405-07-t10\_01.ppm

Val Image: S405-02-t10\_01.ppm

SIFT Matches: 112

AKAZE Matches: 63

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.110886641883331

Euclidean Distance AKAZE: 3.320274513996547

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.32))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S405/inliers\_S405-07-t10\_01.ppm\_S405-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S405/outliers\_S405-07-t10\_01.ppm\_S405-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S405/inliers\_S405-07-t10\_01.ppm\_S405-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S405/outliers\_S405-07-t10\_01.ppm\_S405-02-t10\_01.ppm.png

Label: S399

Train Image: S399-06-t10\_01.ppm

Val Image: S399-05-t10\_01.ppm

SIFT Matches: 130

AKAZE Matches: 39

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.20825123037378

Euclidean Distance AKAZE: 2.107391908936365

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.11))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S399/inliers\_S399-06-t10\_01.ppm\_S399-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S399/outliers\_S399-06-t10\_01.ppm\_S399-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S399/inliers\_S399-06-t10\_01.ppm\_S399-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S399/outliers\_S399-06-t10\_01.ppm\_S399-05-t10\_01.ppm.png

Label: S399

Train Image: S399-06-t10\_01.ppm

Val Image: S399-04-t10\_01.ppm

SIFT Matches: 100

AKAZE Matches: 43

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.747039941481196

Euclidean Distance AKAZE: 2.372576967707431

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.37))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S399/inliers\_S399-06-t10\_01.ppm\_S399-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S399/outliers\_S399-06-t10\_01.ppm\_S399-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S399/inliers\_S399-06-t10\_01.ppm\_S399-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S399/outliers\_S399-06-t10\_01.ppm\_S399-04-t10\_01.ppm.png

Label: S399

Train Image: S399-03-t10\_01.ppm

Val Image: S399-05-t10\_01.ppm

SIFT Matches: 180

AKAZE Matches: 72

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.555365439666753

Euclidean Distance AKAZE: 3.534520825471265

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.53))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S399/inliers\_S399-03-t10\_01.ppm\_S399-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S399/outliers\_S399-03-t10\_01.ppm\_S399-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S399/inliers\_S399-03-t10\_01.ppm\_S399-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S399/outliers\_S399-03-t10\_01.ppm\_S399-05-t10\_01.ppm.png

Label: S399

Train Image: S399-03-t10\_01.ppm

Val Image: S399-04-t10\_01.ppm

SIFT Matches: 159

AKAZE Matches: 63

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.192951734226993

Euclidean Distance AKAZE: 3.085106236709024

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.09))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S399/inliers\_S399-03-t10\_01.ppm\_S399-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S399/outliers\_S399-03-t10\_01.ppm\_S399-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S399/inliers\_S399-03-t10\_01.ppm\_S399-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S399/outliers\_S399-03-t10\_01.ppm\_S399-04-t10\_01.ppm.png

Label: S399

Train Image: S399-01-t10\_01.ppm

Val Image: S399-05-t10\_01.ppm

SIFT Matches: 147

AKAZE Matches: 44

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.783626847822567

Euclidean Distance AKAZE: 2.638250252234342

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.64))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S399/inliers\_S399-01-t10\_01.ppm\_S399-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S399/outliers\_S399-01-t10\_01.ppm\_S399-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S399/inliers\_S399-01-t10\_01.ppm\_S399-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S399/outliers\_S399-01-t10\_01.ppm\_S399-05-t10\_01.ppm.png

Label: S399

Train Image: S399-01-t10\_01.ppm

Val Image: S399-04-t10\_01.ppm

SIFT Matches: 132

AKAZE Matches: 53

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.721789213608723

Euclidean Distance AKAZE: 2.736629682121513

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.74))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S399/inliers\_S399-01-t10\_01.ppm\_S399-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S399/outliers\_S399-01-t10\_01.ppm\_S399-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S399/inliers\_S399-01-t10\_01.ppm\_S399-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S399/outliers\_S399-01-t10\_01.ppm\_S399-04-t10\_01.ppm.png

Label: S399

Train Image: S399-02-t10\_01.ppm

Val Image: S399-05-t10\_01.ppm

SIFT Matches: 135

AKAZE Matches: 49

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.702198848012825

Euclidean Distance AKAZE: 3.0801715994935

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.08))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S399/inliers\_S399-02-t10\_01.ppm\_S399-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S399/outliers\_S399-02-t10\_01.ppm\_S399-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S399/inliers\_S399-02-t10\_01.ppm\_S399-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S399/outliers\_S399-02-t10\_01.ppm\_S399-05-t10\_01.ppm.png

Label: S399

Train Image: S399-02-t10\_01.ppm

Val Image: S399-04-t10\_01.ppm

SIFT Matches: 127

AKAZE Matches: 45

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.684172497650517

Euclidean Distance AKAZE: 2.855998661025417

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.86))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S399/inliers\_S399-02-t10\_01.ppm\_S399-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S399/outliers\_S399-02-t10\_01.ppm\_S399-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S399/inliers\_S399-02-t10\_01.ppm\_S399-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S399/outliers\_S399-02-t10\_01.ppm\_S399-04-t10\_01.ppm.png

Label: S415

Train Image: S415-02-t10\_01.ppm

Val Image: S415-05-t10\_01.ppm

SIFT Matches: 103

AKAZE Matches: 86

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.788825787771996

Euclidean Distance AKAZE: 3.470770128281398

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.47))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S415/inliers\_S415-02-t10\_01.ppm\_S415-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S415/outliers\_S415-02-t10\_01.ppm\_S415-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S415/inliers\_S415-02-t10\_01.ppm\_S415-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S415/outliers\_S415-02-t10\_01.ppm\_S415-05-t10\_01.ppm.png

Label: S415

Train Image: S415-02-t10\_01.ppm

Val Image: S415-03-t10\_01.ppm

SIFT Matches: 116

AKAZE Matches: 96

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.995091027325868

Euclidean Distance AKAZE: 4.197706776671466

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.20))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S415/inliers\_S415-02-t10\_01.ppm\_S415-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S415/outliers\_S415-02-t10\_01.ppm\_S415-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S415/inliers\_S415-02-t10\_01.ppm\_S415-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S415/outliers\_S415-02-t10\_01.ppm\_S415-03-t10\_01.ppm.png

Label: S415

Train Image: S415-01-t10\_01.ppm

Val Image: S415-05-t10\_01.ppm

SIFT Matches: 60

AKAZE Matches: 50

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.638354377388033

Euclidean Distance AKAZE: 2.737374318113872

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (2.64))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S415/inliers\_S415-01-t10\_01.ppm\_S415-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S415/outliers\_S415-01-t10\_01.ppm\_S415-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S415/inliers\_S415-01-t10\_01.ppm\_S415-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S415/outliers\_S415-01-t10\_01.ppm\_S415-05-t10\_01.ppm.png

Label: S415

Train Image: S415-01-t10\_01.ppm

Val Image: S415-03-t10\_01.ppm

SIFT Matches: 55

AKAZE Matches: 57

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.18783838413552

Euclidean Distance AKAZE: 3.262146931212212

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.19))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S415/inliers\_S415-01-t10\_01.ppm\_S415-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S415/outliers\_S415-01-t10\_01.ppm\_S415-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S415/inliers\_S415-01-t10\_01.ppm\_S415-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S415/outliers\_S415-01-t10\_01.ppm\_S415-03-t10\_01.ppm.png

Label: S415

Train Image: S415-06-t10\_01.ppm

Val Image: S415-05-t10\_01.ppm

SIFT Matches: 166

AKAZE Matches: 143

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.364520628485158

Euclidean Distance AKAZE: 4.927634519223459

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.93))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S415/inliers\_S415-06-t10\_01.ppm\_S415-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S415/outliers\_S415-06-t10\_01.ppm\_S415-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S415/inliers\_S415-06-t10\_01.ppm\_S415-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S415/outliers\_S415-06-t10\_01.ppm\_S415-05-t10\_01.ppm.png

Label: S415

Train Image: S415-06-t10\_01.ppm

Val Image: S415-03-t10\_01.ppm

SIFT Matches: 137

AKAZE Matches: 119

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.989473997489029

Euclidean Distance AKAZE: 3.833435022892498

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.83))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S415/inliers\_S415-06-t10\_01.ppm\_S415-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S415/outliers\_S415-06-t10\_01.ppm\_S415-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S415/inliers\_S415-06-t10\_01.ppm\_S415-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S415/outliers\_S415-06-t10\_01.ppm\_S415-03-t10\_01.ppm.png

Label: S415

Train Image: S415-07-t10\_01.ppm

Val Image: S415-05-t10\_01.ppm

SIFT Matches: 150

AKAZE Matches: 94

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.538656782150924

Euclidean Distance AKAZE: 3.97214369779689

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.97))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S415/inliers\_S415-07-t10\_01.ppm\_S415-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S415/outliers\_S415-07-t10\_01.ppm\_S415-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S415/inliers\_S415-07-t10\_01.ppm\_S415-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S415/outliers\_S415-07-t10\_01.ppm\_S415-05-t10\_01.ppm.png

Label: S415

Train Image: S415-07-t10\_01.ppm

Val Image: S415-03-t10\_01.ppm

SIFT Matches: 139

AKAZE Matches: 100

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.545751804620568

Euclidean Distance AKAZE: 3.866891144736185

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.87))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S415/inliers\_S415-07-t10\_01.ppm\_S415-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S415/outliers\_S415-07-t10\_01.ppm\_S415-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S415/inliers\_S415-07-t10\_01.ppm\_S415-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S415/outliers\_S415-07-t10\_01.ppm\_S415-03-t10\_01.ppm.png

Label: S415

Train Image: S415-04-t10\_01.ppm

Val Image: S415-05-t10\_01.ppm

SIFT Matches: 180

AKAZE Matches: 127

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.737074203322424

Euclidean Distance AKAZE: 4.330567495854591

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.33))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S415/inliers\_S415-04-t10\_01.ppm\_S415-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S415/outliers\_S415-04-t10\_01.ppm\_S415-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S415/inliers\_S415-04-t10\_01.ppm\_S415-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S415/outliers\_S415-04-t10\_01.ppm\_S415-05-t10\_01.ppm.png

Label: S415

Train Image: S415-04-t10\_01.ppm

Val Image: S415-03-t10\_01.ppm

SIFT Matches: 155

AKAZE Matches: 114

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.840875310040127

Euclidean Distance AKAZE: 4.833974266220337

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.83))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S415/inliers\_S415-04-t10\_01.ppm\_S415-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S415/outliers\_S415-04-t10\_01.ppm\_S415-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S415/inliers\_S415-04-t10\_01.ppm\_S415-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S415/outliers\_S415-04-t10\_01.ppm\_S415-03-t10\_01.ppm.png

Label: S411

Train Image: S411-03-t10\_01.ppm

Val Image: S411-06-t10\_01.ppm

SIFT Matches: 68

AKAZE Matches: 33

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.166576608291565

Euclidean Distance AKAZE: 2.236227606760702

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.24))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/inliers\_S411-03-t10\_01.ppm\_S411-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/outliers\_S411-03-t10\_01.ppm\_S411-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/inliers\_S411-03-t10\_01.ppm\_S411-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/outliers\_S411-03-t10\_01.ppm\_S411-06-t10\_01.ppm.png

Label: S411

Train Image: S411-03-t10\_01.ppm

Val Image: S411-01-t10\_01.ppm

SIFT Matches: 78

AKAZE Matches: 36

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.808684433609323

Euclidean Distance AKAZE: 2.175945332422515

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.18))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/inliers\_S411-03-t10\_01.ppm\_S411-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/outliers\_S411-03-t10\_01.ppm\_S411-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/inliers\_S411-03-t10\_01.ppm\_S411-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/outliers\_S411-03-t10\_01.ppm\_S411-01-t10\_01.ppm.png

Label: S411

Train Image: S411-03-t10\_01.ppm

Val Image: S411-06-t10\_02.ppm

SIFT Matches: 29

AKAZE Matches: 18

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 1.876790535347438

Euclidean Distance AKAZE: 1.644048125808375

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.64))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/inliers\_S411-03-t10\_01.ppm\_S411-06-t10\_02.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/outliers\_S411-03-t10\_01.ppm\_S411-06-t10\_02.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/inliers\_S411-03-t10\_01.ppm\_S411-06-t10\_02.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/outliers\_S411-03-t10\_01.ppm\_S411-06-t10\_02.ppm.png

Label: S411

Train Image: S411-03-t10\_01.ppm

Val Image: S411-02-t10\_01.ppm

SIFT Matches: 56

AKAZE Matches: 31

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.024265649222188

Euclidean Distance AKAZE: 2.354991609597788

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.35))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/inliers\_S411-03-t10\_01.ppm\_S411-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/outliers\_S411-03-t10\_01.ppm\_S411-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/inliers\_S411-03-t10\_01.ppm\_S411-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/outliers\_S411-03-t10\_01.ppm\_S411-02-t10\_01.ppm.png

Label: S411

Train Image: S411-03-t10\_01.ppm

Val Image: S411-04-t10\_01.ppm

SIFT Matches: 69

AKAZE Matches: 33

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.51856243245815

Euclidean Distance AKAZE: 2.254072414294856

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.25))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/inliers\_S411-03-t10\_01.ppm\_S411-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/outliers\_S411-03-t10\_01.ppm\_S411-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/inliers\_S411-03-t10\_01.ppm\_S411-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/outliers\_S411-03-t10\_01.ppm\_S411-04-t10\_01.ppm.png

Label: S411

Train Image: S411-05-t10\_01.ppm

Val Image: S411-06-t10\_01.ppm

SIFT Matches: 75

AKAZE Matches: 49

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.632683684905575

Euclidean Distance AKAZE: 2.395312415656623

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.40))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/inliers\_S411-05-t10\_01.ppm\_S411-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/outliers\_S411-05-t10\_01.ppm\_S411-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/inliers\_S411-05-t10\_01.ppm\_S411-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/outliers\_S411-05-t10\_01.ppm\_S411-06-t10\_01.ppm.png

Label: S411

Train Image: S411-05-t10\_01.ppm

Val Image: S411-01-t10\_01.ppm

SIFT Matches: 113

AKAZE Matches: 48

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.500322054221415

Euclidean Distance AKAZE: 2.634705205258778

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.63))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/inliers\_S411-05-t10\_01.ppm\_S411-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/outliers\_S411-05-t10\_01.ppm\_S411-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/inliers\_S411-05-t10\_01.ppm\_S411-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/outliers\_S411-05-t10\_01.ppm\_S411-01-t10\_01.ppm.png

Label: S411

Train Image: S411-05-t10\_01.ppm

Val Image: S411-06-t10\_02.ppm

SIFT Matches: 37

AKAZE Matches: 23

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.486538528707136

Euclidean Distance AKAZE: 2.325319728279623

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.33))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/inliers\_S411-05-t10\_01.ppm\_S411-06-t10\_02.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/outliers\_S411-05-t10\_01.ppm\_S411-06-t10\_02.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/inliers\_S411-05-t10\_01.ppm\_S411-06-t10\_02.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/outliers\_S411-05-t10\_01.ppm\_S411-06-t10\_02.ppm.png

Label: S411

Train Image: S411-05-t10\_01.ppm

Val Image: S411-02-t10\_01.ppm

SIFT Matches: 79

AKAZE Matches: 47

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.420582525885819

Euclidean Distance AKAZE: 2.535334898055838

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.54))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/inliers\_S411-05-t10\_01.ppm\_S411-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/outliers\_S411-05-t10\_01.ppm\_S411-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/inliers\_S411-05-t10\_01.ppm\_S411-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/outliers\_S411-05-t10\_01.ppm\_S411-02-t10\_01.ppm.png

Label: S411

Train Image: S411-05-t10\_01.ppm

Val Image: S411-04-t10\_01.ppm

SIFT Matches: 87

AKAZE Matches: 48

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.930039023818032

Euclidean Distance AKAZE: 2.528102339592478

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.53))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/inliers\_S411-05-t10\_01.ppm\_S411-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/outliers\_S411-05-t10\_01.ppm\_S411-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/inliers\_S411-05-t10\_01.ppm\_S411-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/outliers\_S411-05-t10\_01.ppm\_S411-04-t10\_01.ppm.png

Label: S411

Train Image: S411-06-t10\_03.ppm

Val Image: S411-06-t10\_01.ppm

SIFT Matches: 25

AKAZE Matches: 25

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.524725948878469

Euclidean Distance AKAZE: 1.72596407311977

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.73))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/inliers\_S411-06-t10\_03.ppm\_S411-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/outliers\_S411-06-t10\_03.ppm\_S411-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/inliers\_S411-06-t10\_03.ppm\_S411-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/outliers\_S411-06-t10\_03.ppm\_S411-06-t10\_01.ppm.png

Label: S411

Train Image: S411-06-t10\_03.ppm

Val Image: S411-01-t10\_01.ppm

SIFT Matches: 30

AKAZE Matches: 17

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.151172722986675

Euclidean Distance AKAZE: 1.707782183296483

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.71))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/inliers\_S411-06-t10\_03.ppm\_S411-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/outliers\_S411-06-t10\_03.ppm\_S411-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/inliers\_S411-06-t10\_03.ppm\_S411-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/outliers\_S411-06-t10\_03.ppm\_S411-01-t10\_01.ppm.png

Label: S411

Train Image: S411-06-t10\_03.ppm

Val Image: S411-06-t10\_02.ppm

SIFT Matches: 14

AKAZE Matches: 20

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 1.286646378226073

Euclidean Distance AKAZE: 1.684533743710142

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (1.29))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/inliers\_S411-06-t10\_03.ppm\_S411-06-t10\_02.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/outliers\_S411-06-t10\_03.ppm\_S411-06-t10\_02.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/inliers\_S411-06-t10\_03.ppm\_S411-06-t10\_02.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/outliers\_S411-06-t10\_03.ppm\_S411-06-t10\_02.ppm.png

Label: S411

Train Image: S411-06-t10\_03.ppm

Val Image: S411-02-t10\_01.ppm

SIFT Matches: 21

AKAZE Matches: 19

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 1.936362202354737

Euclidean Distance AKAZE: 1.919172967324718

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.92))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/inliers\_S411-06-t10\_03.ppm\_S411-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/outliers\_S411-06-t10\_03.ppm\_S411-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/inliers\_S411-06-t10\_03.ppm\_S411-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/outliers\_S411-06-t10\_03.ppm\_S411-02-t10\_01.ppm.png

Label: S411

Train Image: S411-06-t10\_03.ppm

Val Image: S411-04-t10\_01.ppm

SIFT Matches: 30

AKAZE Matches: 18

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.397607813276554

Euclidean Distance AKAZE: 1.237847490465816

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.24))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/inliers\_S411-06-t10\_03.ppm\_S411-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S411/outliers\_S411-06-t10\_03.ppm\_S411-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/inliers\_S411-06-t10\_03.ppm\_S411-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S411/outliers\_S411-06-t10\_03.ppm\_S411-04-t10\_01.ppm.png

Label: S406

Train Image: S406-02-t10\_01.ppm

Val Image: S406-01-t10\_01.ppm

SIFT Matches: 212

AKAZE Matches: 105

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.297585045717255

Euclidean Distance AKAZE: 4.091219878214982

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.09))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S406/inliers\_S406-02-t10\_01.ppm\_S406-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S406/outliers\_S406-02-t10\_01.ppm\_S406-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S406/inliers\_S406-02-t10\_01.ppm\_S406-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S406/outliers\_S406-02-t10\_01.ppm\_S406-01-t10\_01.ppm.png

Label: S407

Train Image: S407-03-t10\_02.ppm

Val Image: S407-03-t10\_01.ppm

SIFT Matches: 555

AKAZE Matches: 151

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 9.554795573380549

Euclidean Distance AKAZE: 5.155190923515729

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (5.16))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S407/inliers\_S407-03-t10\_02.ppm\_S407-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S407/outliers\_S407-03-t10\_02.ppm\_S407-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S407/inliers\_S407-03-t10\_02.ppm\_S407-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S407/outliers\_S407-03-t10\_02.ppm\_S407-03-t10\_01.ppm.png

Label: S407

Train Image: S407-03-t10\_02.ppm

Val Image: S407-02-t10\_01.ppm

SIFT Matches: 207

AKAZE Matches: 83

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.833281902617278

Euclidean Distance AKAZE: 3.597828993554165

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.60))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S407/inliers\_S407-03-t10\_02.ppm\_S407-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S407/outliers\_S407-03-t10\_02.ppm\_S407-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S407/inliers\_S407-03-t10\_02.ppm\_S407-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S407/outliers\_S407-03-t10\_02.ppm\_S407-02-t10\_01.ppm.png

Label: S407

Train Image: S407-03-t10\_02.ppm

Val Image: S407-03-t10\_03.ppm

SIFT Matches: 582

AKAZE Matches: 135

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 9.864625554728919

Euclidean Distance AKAZE: 5.051811427641619

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (5.05))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S407/inliers\_S407-03-t10\_02.ppm\_S407-03-t10\_03.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S407/outliers\_S407-03-t10\_02.ppm\_S407-03-t10\_03.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S407/inliers\_S407-03-t10\_02.ppm\_S407-03-t10\_03.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S407/outliers\_S407-03-t10\_02.ppm\_S407-03-t10\_03.ppm.png

Label: S407

Train Image: S407-03-t10\_02.ppm

Val Image: S407-01-t10\_01.ppm

SIFT Matches: 149

AKAZE Matches: 90

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.740949513540407

Euclidean Distance AKAZE: 3.578338686418483

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.58))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S407/inliers\_S407-03-t10\_02.ppm\_S407-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S407/outliers\_S407-03-t10\_02.ppm\_S407-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S407/inliers\_S407-03-t10\_02.ppm\_S407-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S407/outliers\_S407-03-t10\_02.ppm\_S407-01-t10\_01.ppm.png

Label: S409

Train Image: S409-09-t10\_01.ppm

Val Image: S409-02-t10\_01.ppm

SIFT Matches: 71

AKAZE Matches: 50

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.000675531537779

Euclidean Distance AKAZE: 2.829447716503438

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.83))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-09-t10\_01.ppm\_S409-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-09-t10\_01.ppm\_S409-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-09-t10\_01.ppm\_S409-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-09-t10\_01.ppm\_S409-02-t10\_01.ppm.png

Label: S409

Train Image: S409-09-t10\_01.ppm

Val Image: S409-11-t10\_01.ppm

SIFT Matches: 97

AKAZE Matches: 74

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.233911089973481

Euclidean Distance AKAZE: 3.428744965687785

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.43))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-09-t10\_01.ppm\_S409-11-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-09-t10\_01.ppm\_S409-11-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-09-t10\_01.ppm\_S409-11-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-09-t10\_01.ppm\_S409-11-t10\_01.ppm.png

Label: S409

Train Image: S409-09-t10\_01.ppm

Val Image: S409-01-t10\_01.ppm

SIFT Matches: 75

AKAZE Matches: 79

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.652076970997978

Euclidean Distance AKAZE: 3.747622122996174

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.65))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-09-t10\_01.ppm\_S409-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-09-t10\_01.ppm\_S409-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-09-t10\_01.ppm\_S409-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-09-t10\_01.ppm\_S409-01-t10\_01.ppm.png

Label: S409

Train Image: S409-09-t10\_01.ppm

Val Image: S409-10-t10\_01.ppm

SIFT Matches: 138

AKAZE Matches: 81

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.382930312984064

Euclidean Distance AKAZE: 3.39955537420591

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.40))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-09-t10\_01.ppm\_S409-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-09-t10\_01.ppm\_S409-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-09-t10\_01.ppm\_S409-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-09-t10\_01.ppm\_S409-10-t10\_01.ppm.png

Label: S409

Train Image: S409-09-t10\_01.ppm

Val Image: S409-03-t10\_01.ppm

SIFT Matches: 100

AKAZE Matches: 71

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.05232997317596

Euclidean Distance AKAZE: 3.477894247602523

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.48))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-09-t10\_01.ppm\_S409-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-09-t10\_01.ppm\_S409-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-09-t10\_01.ppm\_S409-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-09-t10\_01.ppm\_S409-03-t10\_01.ppm.png

Label: S409

Train Image: S409-09-t10\_01.ppm

Val Image: S409-04-t10\_01.ppm

SIFT Matches: 106

AKAZE Matches: 71

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.596305884131548

Euclidean Distance AKAZE: 3.526700781685049

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.53))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-09-t10\_01.ppm\_S409-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-09-t10\_01.ppm\_S409-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-09-t10\_01.ppm\_S409-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-09-t10\_01.ppm\_S409-04-t10\_01.ppm.png

Label: S409

Train Image: S409-06-t10\_01.ppm

Val Image: S409-02-t10\_01.ppm

SIFT Matches: 70

AKAZE Matches: 48

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.479995604598553

Euclidean Distance AKAZE: 2.596325488612593

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.60))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-06-t10\_01.ppm\_S409-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-06-t10\_01.ppm\_S409-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-06-t10\_01.ppm\_S409-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-06-t10\_01.ppm\_S409-02-t10\_01.ppm.png

Label: S409

Train Image: S409-06-t10\_01.ppm

Val Image: S409-11-t10\_01.ppm

SIFT Matches: 93

AKAZE Matches: 55

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.193418167021782

Euclidean Distance AKAZE: 3.287567479480158

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.29))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-06-t10\_01.ppm\_S409-11-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-06-t10\_01.ppm\_S409-11-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-06-t10\_01.ppm\_S409-11-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-06-t10\_01.ppm\_S409-11-t10\_01.ppm.png

Label: S409

Train Image: S409-06-t10\_01.ppm

Val Image: S409-01-t10\_01.ppm

SIFT Matches: 72

AKAZE Matches: 65

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.325806776839324

Euclidean Distance AKAZE: 3.052469130367175

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.05))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-06-t10\_01.ppm\_S409-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-06-t10\_01.ppm\_S409-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-06-t10\_01.ppm\_S409-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-06-t10\_01.ppm\_S409-01-t10\_01.ppm.png

Label: S409

Train Image: S409-06-t10\_01.ppm

Val Image: S409-10-t10\_01.ppm

SIFT Matches: 120

AKAZE Matches: 67

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.593182896255462

Euclidean Distance AKAZE: 3.226660686504957

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.23))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-06-t10\_01.ppm\_S409-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-06-t10\_01.ppm\_S409-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-06-t10\_01.ppm\_S409-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-06-t10\_01.ppm\_S409-10-t10\_01.ppm.png

Label: S409

Train Image: S409-06-t10\_01.ppm

Val Image: S409-03-t10\_01.ppm

SIFT Matches: 81

AKAZE Matches: 51

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.797987751342188

Euclidean Distance AKAZE: 2.993497650572654

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.99))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-06-t10\_01.ppm\_S409-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-06-t10\_01.ppm\_S409-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-06-t10\_01.ppm\_S409-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-06-t10\_01.ppm\_S409-03-t10\_01.ppm.png

Label: S409

Train Image: S409-06-t10\_01.ppm

Val Image: S409-04-t10\_01.ppm

SIFT Matches: 101

AKAZE Matches: 60

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.271047953306239

Euclidean Distance AKAZE: 2.781910946164816

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.78))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-06-t10\_01.ppm\_S409-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-06-t10\_01.ppm\_S409-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-06-t10\_01.ppm\_S409-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-06-t10\_01.ppm\_S409-04-t10\_01.ppm.png

Label: S409

Train Image: S409-07-t10\_01.ppm

Val Image: S409-02-t10\_01.ppm

SIFT Matches: 71

AKAZE Matches: 51

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.292943501103879

Euclidean Distance AKAZE: 3.166809914096373

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.17))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-07-t10\_01.ppm\_S409-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-07-t10\_01.ppm\_S409-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-07-t10\_01.ppm\_S409-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-07-t10\_01.ppm\_S409-02-t10\_01.ppm.png

Label: S409

Train Image: S409-07-t10\_01.ppm

Val Image: S409-11-t10\_01.ppm

SIFT Matches: 119

AKAZE Matches: 76

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.542976627080754

Euclidean Distance AKAZE: 3.530614614751191

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.53))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-07-t10\_01.ppm\_S409-11-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-07-t10\_01.ppm\_S409-11-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-07-t10\_01.ppm\_S409-11-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-07-t10\_01.ppm\_S409-11-t10\_01.ppm.png

Label: S409

Train Image: S409-07-t10\_01.ppm

Val Image: S409-01-t10\_01.ppm

SIFT Matches: 80

AKAZE Matches: 64

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.628594623826916

Euclidean Distance AKAZE: 3.591969351010253

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.59))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-07-t10\_01.ppm\_S409-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-07-t10\_01.ppm\_S409-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-07-t10\_01.ppm\_S409-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-07-t10\_01.ppm\_S409-01-t10\_01.ppm.png

Label: S409

Train Image: S409-07-t10\_01.ppm

Val Image: S409-10-t10\_01.ppm

SIFT Matches: 150

AKAZE Matches: 114

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.039202256872385

Euclidean Distance AKAZE: 4.213242830558221

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.21))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-07-t10\_01.ppm\_S409-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-07-t10\_01.ppm\_S409-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-07-t10\_01.ppm\_S409-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-07-t10\_01.ppm\_S409-10-t10\_01.ppm.png

Label: S409

Train Image: S409-07-t10\_01.ppm

Val Image: S409-03-t10\_01.ppm

SIFT Matches: 98

AKAZE Matches: 78

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.025693932237055

Euclidean Distance AKAZE: 3.748245889044894

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.75))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-07-t10\_01.ppm\_S409-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-07-t10\_01.ppm\_S409-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-07-t10\_01.ppm\_S409-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-07-t10\_01.ppm\_S409-03-t10\_01.ppm.png

Label: S409

Train Image: S409-07-t10\_01.ppm

Val Image: S409-04-t10\_01.ppm

SIFT Matches: 115

AKAZE Matches: 71

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.998047541483912

Euclidean Distance AKAZE: 3.608430255076551

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.61))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-07-t10\_01.ppm\_S409-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-07-t10\_01.ppm\_S409-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-07-t10\_01.ppm\_S409-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-07-t10\_01.ppm\_S409-04-t10\_01.ppm.png

Label: S409

Train Image: S409-05-t10\_01.ppm

Val Image: S409-02-t10\_01.ppm

SIFT Matches: 66

AKAZE Matches: 43

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.101666317959391

Euclidean Distance AKAZE: 2.499779440486073

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.50))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-05-t10\_01.ppm\_S409-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-05-t10\_01.ppm\_S409-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-05-t10\_01.ppm\_S409-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-05-t10\_01.ppm\_S409-02-t10\_01.ppm.png

Label: S409

Train Image: S409-05-t10\_01.ppm

Val Image: S409-11-t10\_01.ppm

SIFT Matches: 91

AKAZE Matches: 68

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.747760734667687

Euclidean Distance AKAZE: 3.53786573657119

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.54))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-05-t10\_01.ppm\_S409-11-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-05-t10\_01.ppm\_S409-11-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-05-t10\_01.ppm\_S409-11-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-05-t10\_01.ppm\_S409-11-t10\_01.ppm.png

Label: S409

Train Image: S409-05-t10\_01.ppm

Val Image: S409-01-t10\_01.ppm

SIFT Matches: 69

AKAZE Matches: 52

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.208858866861659

Euclidean Distance AKAZE: 3.06495237492117

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.06))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-05-t10\_01.ppm\_S409-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-05-t10\_01.ppm\_S409-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-05-t10\_01.ppm\_S409-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-05-t10\_01.ppm\_S409-01-t10\_01.ppm.png

Label: S409

Train Image: S409-05-t10\_01.ppm

Val Image: S409-10-t10\_01.ppm

SIFT Matches: 107

AKAZE Matches: 59

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.897037292789448

Euclidean Distance AKAZE: 2.75928889831429

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.76))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-05-t10\_01.ppm\_S409-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-05-t10\_01.ppm\_S409-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-05-t10\_01.ppm\_S409-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-05-t10\_01.ppm\_S409-10-t10\_01.ppm.png

Label: S409

Train Image: S409-05-t10\_01.ppm

Val Image: S409-03-t10\_01.ppm

SIFT Matches: 90

AKAZE Matches: 51

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.156024926574156

Euclidean Distance AKAZE: 2.702549753617456

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.70))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-05-t10\_01.ppm\_S409-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-05-t10\_01.ppm\_S409-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-05-t10\_01.ppm\_S409-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-05-t10\_01.ppm\_S409-03-t10\_01.ppm.png

Label: S409

Train Image: S409-05-t10\_01.ppm

Val Image: S409-04-t10\_01.ppm

SIFT Matches: 86

AKAZE Matches: 60

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.434123355037057

Euclidean Distance AKAZE: 3.283966447142442

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.28))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-05-t10\_01.ppm\_S409-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-05-t10\_01.ppm\_S409-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-05-t10\_01.ppm\_S409-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-05-t10\_01.ppm\_S409-04-t10\_01.ppm.png

Label: S409

Train Image: S409-08-t10\_01.ppm

Val Image: S409-02-t10\_01.ppm

SIFT Matches: 92

AKAZE Matches: 61

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.045130964747813

Euclidean Distance AKAZE: 3.405129011448418

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.41))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-08-t10\_01.ppm\_S409-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-08-t10\_01.ppm\_S409-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-08-t10\_01.ppm\_S409-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-08-t10\_01.ppm\_S409-02-t10\_01.ppm.png

Label: S409

Train Image: S409-08-t10\_01.ppm

Val Image: S409-11-t10\_01.ppm

SIFT Matches: 146

AKAZE Matches: 92

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.872328246630587

Euclidean Distance AKAZE: 3.718071070340903

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.72))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-08-t10\_01.ppm\_S409-11-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-08-t10\_01.ppm\_S409-11-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-08-t10\_01.ppm\_S409-11-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-08-t10\_01.ppm\_S409-11-t10\_01.ppm.png

Label: S409

Train Image: S409-08-t10\_01.ppm

Val Image: S409-01-t10\_01.ppm

SIFT Matches: 107

AKAZE Matches: 75

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.777437749101158

Euclidean Distance AKAZE: 3.465627955804207

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.47))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-08-t10\_01.ppm\_S409-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-08-t10\_01.ppm\_S409-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-08-t10\_01.ppm\_S409-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-08-t10\_01.ppm\_S409-01-t10\_01.ppm.png

Label: S409

Train Image: S409-08-t10\_01.ppm

Val Image: S409-10-t10\_01.ppm

SIFT Matches: 241

AKAZE Matches: 117

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.501414243415268

Euclidean Distance AKAZE: 4.11389199751183

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.11))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-08-t10\_01.ppm\_S409-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-08-t10\_01.ppm\_S409-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-08-t10\_01.ppm\_S409-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-08-t10\_01.ppm\_S409-10-t10\_01.ppm.png

Label: S409

Train Image: S409-08-t10\_01.ppm

Val Image: S409-03-t10\_01.ppm

SIFT Matches: 127

AKAZE Matches: 60

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.497217340842477

Euclidean Distance AKAZE: 3.077373359317902

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.08))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-08-t10\_01.ppm\_S409-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-08-t10\_01.ppm\_S409-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-08-t10\_01.ppm\_S409-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-08-t10\_01.ppm\_S409-03-t10\_01.ppm.png

Label: S409

Train Image: S409-08-t10\_01.ppm

Val Image: S409-04-t10\_01.ppm

SIFT Matches: 137

AKAZE Matches: 84

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.775848213860994

Euclidean Distance AKAZE: 3.808171357612371

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.81))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/inliers\_S409-08-t10\_01.ppm\_S409-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S409/outliers\_S409-08-t10\_01.ppm\_S409-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/inliers\_S409-08-t10\_01.ppm\_S409-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S409/outliers\_S409-08-t10\_01.ppm\_S409-04-t10\_01.ppm.png

Label: S414

Train Image: S414-01-t10\_01.ppm

Val Image: S414-10-t10\_01.ppm

SIFT Matches: 66

AKAZE Matches: 33

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.354591419127722

Euclidean Distance AKAZE: 1.959941222651096

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.96))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-01-t10\_01.ppm\_S414-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-01-t10\_01.ppm\_S414-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-01-t10\_01.ppm\_S414-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-01-t10\_01.ppm\_S414-10-t10\_01.ppm.png

Label: S414

Train Image: S414-01-t10\_01.ppm

Val Image: S414-02-t10\_01.ppm

SIFT Matches: 92

AKAZE Matches: 39

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.566168444372128

Euclidean Distance AKAZE: 2.251491936608168

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.25))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-01-t10\_01.ppm\_S414-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-01-t10\_01.ppm\_S414-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-01-t10\_01.ppm\_S414-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-01-t10\_01.ppm\_S414-02-t10\_01.ppm.png

Label: S414

Train Image: S414-01-t10\_01.ppm

Val Image: S414-03-t10\_01.ppm

SIFT Matches: 66

AKAZE Matches: 33

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.907963676005101

Euclidean Distance AKAZE: 2.18988420755338

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.19))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-01-t10\_01.ppm\_S414-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-01-t10\_01.ppm\_S414-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-01-t10\_01.ppm\_S414-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-01-t10\_01.ppm\_S414-03-t10\_01.ppm.png

Label: S414

Train Image: S414-01-t10\_01.ppm

Val Image: S414-08-t10\_01.ppm

SIFT Matches: 53

AKAZE Matches: 34

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.895678404653293

Euclidean Distance AKAZE: 2.374508503060599

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.37))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-01-t10\_01.ppm\_S414-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-01-t10\_01.ppm\_S414-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-01-t10\_01.ppm\_S414-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-01-t10\_01.ppm\_S414-08-t10\_01.ppm.png

Label: S414

Train Image: S414-01-t10\_01.ppm

Val Image: S414-09-t10\_01.ppm

SIFT Matches: 69

AKAZE Matches: 40

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.084258526586145

Euclidean Distance AKAZE: 2.417007870872189

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.42))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-01-t10\_01.ppm\_S414-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-01-t10\_01.ppm\_S414-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-01-t10\_01.ppm\_S414-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-01-t10\_01.ppm\_S414-09-t10\_01.ppm.png

Label: S414

Train Image: S414-01-t10\_01.ppm

Val Image: S414-04-t10\_01.ppm

SIFT Matches: 82

AKAZE Matches: 41

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.585007136283413

Euclidean Distance AKAZE: 2.34459065007754

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.34))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-01-t10\_01.ppm\_S414-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-01-t10\_01.ppm\_S414-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-01-t10\_01.ppm\_S414-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-01-t10\_01.ppm\_S414-04-t10\_01.ppm.png

Label: S414

Train Image: S414-01-t10\_01.ppm

Val Image: S414-06-t10\_01.ppm

SIFT Matches: 53

AKAZE Matches: 21

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.782339631498998

Euclidean Distance AKAZE: 1.433071397872727

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.43))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-01-t10\_01.ppm\_S414-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-01-t10\_01.ppm\_S414-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-01-t10\_01.ppm\_S414-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-01-t10\_01.ppm\_S414-06-t10\_01.ppm.png

Label: S414

Train Image: S414-05-t10\_01.ppm

Val Image: S414-10-t10\_01.ppm

SIFT Matches: 47

AKAZE Matches: 26

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.861497857426216

Euclidean Distance AKAZE: 2.180429733400947

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.18))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-05-t10\_01.ppm\_S414-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-05-t10\_01.ppm\_S414-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-05-t10\_01.ppm\_S414-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-05-t10\_01.ppm\_S414-10-t10\_01.ppm.png

Label: S414

Train Image: S414-05-t10\_01.ppm

Val Image: S414-02-t10\_01.ppm

SIFT Matches: 64

AKAZE Matches: 34

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.833556031856237

Euclidean Distance AKAZE: 2.561690565692107

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.56))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-05-t10\_01.ppm\_S414-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-05-t10\_01.ppm\_S414-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-05-t10\_01.ppm\_S414-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-05-t10\_01.ppm\_S414-02-t10\_01.ppm.png

Label: S414

Train Image: S414-05-t10\_01.ppm

Val Image: S414-03-t10\_01.ppm

SIFT Matches: 57

AKAZE Matches: 36

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.009334889550616

Euclidean Distance AKAZE: 2.074146924960732

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.07))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-05-t10\_01.ppm\_S414-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-05-t10\_01.ppm\_S414-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-05-t10\_01.ppm\_S414-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-05-t10\_01.ppm\_S414-03-t10\_01.ppm.png

Label: S414

Train Image: S414-05-t10\_01.ppm

Val Image: S414-08-t10\_01.ppm

SIFT Matches: 48

AKAZE Matches: 32

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.632114438415244

Euclidean Distance AKAZE: 2.40269229517624

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.40))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-05-t10\_01.ppm\_S414-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-05-t10\_01.ppm\_S414-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-05-t10\_01.ppm\_S414-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-05-t10\_01.ppm\_S414-08-t10\_01.ppm.png

Label: S414

Train Image: S414-05-t10\_01.ppm

Val Image: S414-09-t10\_01.ppm

SIFT Matches: 58

AKAZE Matches: 32

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.81278864237814

Euclidean Distance AKAZE: 1.872610146575404

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.87))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-05-t10\_01.ppm\_S414-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-05-t10\_01.ppm\_S414-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-05-t10\_01.ppm\_S414-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-05-t10\_01.ppm\_S414-09-t10\_01.ppm.png

Label: S414

Train Image: S414-05-t10\_01.ppm

Val Image: S414-04-t10\_01.ppm

SIFT Matches: 55

AKAZE Matches: 33

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.79839927659885

Euclidean Distance AKAZE: 2.041193818507518

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.04))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-05-t10\_01.ppm\_S414-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-05-t10\_01.ppm\_S414-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-05-t10\_01.ppm\_S414-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-05-t10\_01.ppm\_S414-04-t10\_01.ppm.png

Label: S414

Train Image: S414-05-t10\_01.ppm

Val Image: S414-06-t10\_01.ppm

SIFT Matches: 42

AKAZE Matches: 23

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.388911547593925

Euclidean Distance AKAZE: 2.203888885899143

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.20))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-05-t10\_01.ppm\_S414-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-05-t10\_01.ppm\_S414-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-05-t10\_01.ppm\_S414-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-05-t10\_01.ppm\_S414-06-t10\_01.ppm.png

Label: S414

Train Image: S414-07-t10\_01.ppm

Val Image: S414-10-t10\_01.ppm

SIFT Matches: 85

AKAZE Matches: 69

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.505108468026104

Euclidean Distance AKAZE: 2.998370189033392

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.00))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-07-t10\_01.ppm\_S414-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-07-t10\_01.ppm\_S414-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-07-t10\_01.ppm\_S414-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-07-t10\_01.ppm\_S414-10-t10\_01.ppm.png

Label: S414

Train Image: S414-07-t10\_01.ppm

Val Image: S414-02-t10\_01.ppm

SIFT Matches: 115

AKAZE Matches: 75

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.264908836133281

Euclidean Distance AKAZE: 3.786554255903217

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.79))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-07-t10\_01.ppm\_S414-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-07-t10\_01.ppm\_S414-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-07-t10\_01.ppm\_S414-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-07-t10\_01.ppm\_S414-02-t10\_01.ppm.png

Label: S414

Train Image: S414-07-t10\_01.ppm

Val Image: S414-03-t10\_01.ppm

SIFT Matches: 67

AKAZE Matches: 43

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.417631746922626

Euclidean Distance AKAZE: 2.515468607072321

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.52))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-07-t10\_01.ppm\_S414-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-07-t10\_01.ppm\_S414-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-07-t10\_01.ppm\_S414-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-07-t10\_01.ppm\_S414-03-t10\_01.ppm.png

Label: S414

Train Image: S414-07-t10\_01.ppm

Val Image: S414-08-t10\_01.ppm

SIFT Matches: 82

AKAZE Matches: 75

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.41561377979072

Euclidean Distance AKAZE: 3.449104235188273

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.42))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-07-t10\_01.ppm\_S414-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-07-t10\_01.ppm\_S414-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-07-t10\_01.ppm\_S414-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-07-t10\_01.ppm\_S414-08-t10\_01.ppm.png

Label: S414

Train Image: S414-07-t10\_01.ppm

Val Image: S414-09-t10\_01.ppm

SIFT Matches: 99

AKAZE Matches: 88

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.621941124107281

Euclidean Distance AKAZE: 3.82555006966122

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.62))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-07-t10\_01.ppm\_S414-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-07-t10\_01.ppm\_S414-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-07-t10\_01.ppm\_S414-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-07-t10\_01.ppm\_S414-09-t10\_01.ppm.png

Label: S414

Train Image: S414-07-t10\_01.ppm

Val Image: S414-04-t10\_01.ppm

SIFT Matches: 94

AKAZE Matches: 66

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.133160557448622

Euclidean Distance AKAZE: 3.143967523808876

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.14))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-07-t10\_01.ppm\_S414-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-07-t10\_01.ppm\_S414-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-07-t10\_01.ppm\_S414-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-07-t10\_01.ppm\_S414-04-t10\_01.ppm.png

Label: S414

Train Image: S414-07-t10\_01.ppm

Val Image: S414-06-t10\_01.ppm

SIFT Matches: 58

AKAZE Matches: 24

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.645694206772004

Euclidean Distance AKAZE: 1.897384022286334

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.90))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-07-t10\_01.ppm\_S414-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-07-t10\_01.ppm\_S414-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-07-t10\_01.ppm\_S414-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-07-t10\_01.ppm\_S414-06-t10\_01.ppm.png

Label: S414

Train Image: S414-11-t10\_01.ppm

Val Image: S414-10-t10\_01.ppm

SIFT Matches: 113

AKAZE Matches: 148

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.904772442145056

Euclidean Distance AKAZE: 4.172140158050065

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.90))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-11-t10\_01.ppm\_S414-10-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-11-t10\_01.ppm\_S414-10-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-11-t10\_01.ppm\_S414-10-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-11-t10\_01.ppm\_S414-10-t10\_01.ppm.png

Label: S414

Train Image: S414-11-t10\_01.ppm

Val Image: S414-02-t10\_01.ppm

SIFT Matches: 96

AKAZE Matches: 55

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.032027857923407

Euclidean Distance AKAZE: 2.945935646033193

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.95))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-11-t10\_01.ppm\_S414-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-11-t10\_01.ppm\_S414-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-11-t10\_01.ppm\_S414-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-11-t10\_01.ppm\_S414-02-t10\_01.ppm.png

Label: S414

Train Image: S414-11-t10\_01.ppm

Val Image: S414-03-t10\_01.ppm

SIFT Matches: 64

AKAZE Matches: 26

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.584358517444293

Euclidean Distance AKAZE: 2.533490915974455

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.53))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-11-t10\_01.ppm\_S414-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-11-t10\_01.ppm\_S414-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-11-t10\_01.ppm\_S414-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-11-t10\_01.ppm\_S414-03-t10\_01.ppm.png

Label: S414

Train Image: S414-11-t10\_01.ppm

Val Image: S414-08-t10\_01.ppm

SIFT Matches: 73

AKAZE Matches: 56

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.254278400473531

Euclidean Distance AKAZE: 3.081371711502137

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.08))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-11-t10\_01.ppm\_S414-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-11-t10\_01.ppm\_S414-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-11-t10\_01.ppm\_S414-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-11-t10\_01.ppm\_S414-08-t10\_01.ppm.png

Label: S414

Train Image: S414-11-t10\_01.ppm

Val Image: S414-09-t10\_01.ppm

SIFT Matches: 71

AKAZE Matches: 66

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.006746011011115

Euclidean Distance AKAZE: 3.400521102120939

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.40))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-11-t10\_01.ppm\_S414-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-11-t10\_01.ppm\_S414-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-11-t10\_01.ppm\_S414-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-11-t10\_01.ppm\_S414-09-t10\_01.ppm.png

Label: S414

Train Image: S414-11-t10\_01.ppm

Val Image: S414-04-t10\_01.ppm

SIFT Matches: 82

AKAZE Matches: 42

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.381097193748269

Euclidean Distance AKAZE: 2.322002012408138

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.32))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-11-t10\_01.ppm\_S414-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-11-t10\_01.ppm\_S414-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-11-t10\_01.ppm\_S414-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-11-t10\_01.ppm\_S414-04-t10\_01.ppm.png

Label: S414

Train Image: S414-11-t10\_01.ppm

Val Image: S414-06-t10\_01.ppm

SIFT Matches: 52

AKAZE Matches: 21

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.029570582754086

Euclidean Distance AKAZE: 1.914929989481499

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.91))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/inliers\_S414-11-t10\_01.ppm\_S414-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S414/outliers\_S414-11-t10\_01.ppm\_S414-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/inliers\_S414-11-t10\_01.ppm\_S414-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S414/outliers\_S414-11-t10\_01.ppm\_S414-06-t10\_01.ppm.png

Label: S408

Train Image: S408-02-t10\_01.ppm

Val Image: S408-01-t10\_01.ppm

SIFT Matches: 65

AKAZE Matches: 51

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.067916059236089

Euclidean Distance AKAZE: 2.61389952379732

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.61))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S408/inliers\_S408-02-t10\_01.ppm\_S408-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S408/outliers\_S408-02-t10\_01.ppm\_S408-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S408/inliers\_S408-02-t10\_01.ppm\_S408-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S408/outliers\_S408-02-t10\_01.ppm\_S408-01-t10\_01.ppm.png

Label: S412

Train Image: S412-02-t10\_01.ppm

Val Image: S412-01-t10\_01.ppm

SIFT Matches: 103

AKAZE Matches: 55

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.983507314795296

Euclidean Distance AKAZE: 2.756041325960813

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.76))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S412/inliers\_S412-02-t10\_01.ppm\_S412-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S412/outliers\_S412-02-t10\_01.ppm\_S412-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S412/inliers\_S412-02-t10\_01.ppm\_S412-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S412/outliers\_S412-02-t10\_01.ppm\_S412-01-t10\_01.ppm.png

Label: S412

Train Image: S412-03-t10\_01.ppm

Val Image: S412-01-t10\_01.ppm

SIFT Matches: 89

AKAZE Matches: 46

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.39481638478241

Euclidean Distance AKAZE: 2.41804271202829

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.42))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S412/inliers\_S412-03-t10\_01.ppm\_S412-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S412/outliers\_S412-03-t10\_01.ppm\_S412-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S412/inliers\_S412-03-t10\_01.ppm\_S412-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S412/outliers\_S412-03-t10\_01.ppm\_S412-01-t10\_01.ppm.png

Label: S413

Train Image: S413-06-t10\_01.ppm

Val Image: S413-01-t10\_01.ppm

SIFT Matches: 64

AKAZE Matches: 53

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.080079177618908

Euclidean Distance AKAZE: 2.48084639835615

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.48))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/inliers\_S413-06-t10\_01.ppm\_S413-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/outliers\_S413-06-t10\_01.ppm\_S413-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/inliers\_S413-06-t10\_01.ppm\_S413-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/outliers\_S413-06-t10\_01.ppm\_S413-01-t10\_01.ppm.png

Label: S413

Train Image: S413-06-t10\_01.ppm

Val Image: S413-02-t10\_01.ppm

SIFT Matches: 92

AKAZE Matches: 73

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.529564086905867

Euclidean Distance AKAZE: 3.17026155614128

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.17))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/inliers\_S413-06-t10\_01.ppm\_S413-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/outliers\_S413-06-t10\_01.ppm\_S413-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/inliers\_S413-06-t10\_01.ppm\_S413-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/outliers\_S413-06-t10\_01.ppm\_S413-02-t10\_01.ppm.png

Label: S413

Train Image: S413-06-t10\_01.ppm

Val Image: S413-03-t10\_01.ppm

SIFT Matches: 106

AKAZE Matches: 68

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.83470663461803

Euclidean Distance AKAZE: 3.291123919129632

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.29))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/inliers\_S413-06-t10\_01.ppm\_S413-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/outliers\_S413-06-t10\_01.ppm\_S413-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/inliers\_S413-06-t10\_01.ppm\_S413-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/outliers\_S413-06-t10\_01.ppm\_S413-03-t10\_01.ppm.png

Label: S413

Train Image: S413-06-t10\_01.ppm

Val Image: S413-09-t10\_01.ppm

SIFT Matches: 79

AKAZE Matches: 60

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.128555066717269

Euclidean Distance AKAZE: 2.844748488239519

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.84))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/inliers\_S413-06-t10\_01.ppm\_S413-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/outliers\_S413-06-t10\_01.ppm\_S413-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/inliers\_S413-06-t10\_01.ppm\_S413-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/outliers\_S413-06-t10\_01.ppm\_S413-09-t10\_01.ppm.png

Label: S413

Train Image: S413-07-t10\_01.ppm

Val Image: S413-01-t10\_01.ppm

SIFT Matches: 56

AKAZE Matches: 50

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.985345849856127

Euclidean Distance AKAZE: 3.055950274649855

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (2.99))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/inliers\_S413-07-t10\_01.ppm\_S413-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/outliers\_S413-07-t10\_01.ppm\_S413-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/inliers\_S413-07-t10\_01.ppm\_S413-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/outliers\_S413-07-t10\_01.ppm\_S413-01-t10\_01.ppm.png

Label: S413

Train Image: S413-07-t10\_01.ppm

Val Image: S413-02-t10\_01.ppm

SIFT Matches: 68

AKAZE Matches: 71

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.545351197569553

Euclidean Distance AKAZE: 3.668234541153852

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.55))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/inliers\_S413-07-t10\_01.ppm\_S413-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/outliers\_S413-07-t10\_01.ppm\_S413-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/inliers\_S413-07-t10\_01.ppm\_S413-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/outliers\_S413-07-t10\_01.ppm\_S413-02-t10\_01.ppm.png

Label: S413

Train Image: S413-07-t10\_01.ppm

Val Image: S413-03-t10\_01.ppm

SIFT Matches: 78

AKAZE Matches: 66

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.875908999440545

Euclidean Distance AKAZE: 3.182947767437004

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.18))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/inliers\_S413-07-t10\_01.ppm\_S413-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/outliers\_S413-07-t10\_01.ppm\_S413-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/inliers\_S413-07-t10\_01.ppm\_S413-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/outliers\_S413-07-t10\_01.ppm\_S413-03-t10\_01.ppm.png

Label: S413

Train Image: S413-07-t10\_01.ppm

Val Image: S413-09-t10\_01.ppm

SIFT Matches: 65

AKAZE Matches: 48

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.189648116828646

Euclidean Distance AKAZE: 2.619586374690271

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.62))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/inliers\_S413-07-t10\_01.ppm\_S413-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/outliers\_S413-07-t10\_01.ppm\_S413-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/inliers\_S413-07-t10\_01.ppm\_S413-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/outliers\_S413-07-t10\_01.ppm\_S413-09-t10\_01.ppm.png

Label: S413

Train Image: S413-08-t10\_01.ppm

Val Image: S413-01-t10\_01.ppm

SIFT Matches: 65

AKAZE Matches: 42

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.591064564291047

Euclidean Distance AKAZE: 2.504364726927562

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.50))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/inliers\_S413-08-t10\_01.ppm\_S413-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/outliers\_S413-08-t10\_01.ppm\_S413-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/inliers\_S413-08-t10\_01.ppm\_S413-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/outliers\_S413-08-t10\_01.ppm\_S413-01-t10\_01.ppm.png

Label: S413

Train Image: S413-08-t10\_01.ppm

Val Image: S413-02-t10\_01.ppm

SIFT Matches: 93

AKAZE Matches: 73

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.513021879357085

Euclidean Distance AKAZE: 3.489263876031647

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.49))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/inliers\_S413-08-t10\_01.ppm\_S413-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/outliers\_S413-08-t10\_01.ppm\_S413-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/inliers\_S413-08-t10\_01.ppm\_S413-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/outliers\_S413-08-t10\_01.ppm\_S413-02-t10\_01.ppm.png

Label: S413

Train Image: S413-08-t10\_01.ppm

Val Image: S413-03-t10\_01.ppm

SIFT Matches: 96

AKAZE Matches: 78

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.728930712430333

Euclidean Distance AKAZE: 3.313190429853277

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.31))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/inliers\_S413-08-t10\_01.ppm\_S413-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/outliers\_S413-08-t10\_01.ppm\_S413-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/inliers\_S413-08-t10\_01.ppm\_S413-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/outliers\_S413-08-t10\_01.ppm\_S413-03-t10\_01.ppm.png

Label: S413

Train Image: S413-08-t10\_01.ppm

Val Image: S413-09-t10\_01.ppm

SIFT Matches: 75

AKAZE Matches: 51

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.746618556077301

Euclidean Distance AKAZE: 2.509648130749573

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.51))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/inliers\_S413-08-t10\_01.ppm\_S413-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/outliers\_S413-08-t10\_01.ppm\_S413-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/inliers\_S413-08-t10\_01.ppm\_S413-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/outliers\_S413-08-t10\_01.ppm\_S413-09-t10\_01.ppm.png

Label: S413

Train Image: S413-10-t10\_01.ppm

Val Image: S413-01-t10\_01.ppm

SIFT Matches: 62

AKAZE Matches: 50

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.046127012980569

Euclidean Distance AKAZE: 3.122543383722616

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.05))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/inliers\_S413-10-t10\_01.ppm\_S413-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/outliers\_S413-10-t10\_01.ppm\_S413-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/inliers\_S413-10-t10\_01.ppm\_S413-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/outliers\_S413-10-t10\_01.ppm\_S413-01-t10\_01.ppm.png

Label: S413

Train Image: S413-10-t10\_01.ppm

Val Image: S413-02-t10\_01.ppm

SIFT Matches: 94

AKAZE Matches: 68

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.029859700761335

Euclidean Distance AKAZE: 3.083557901018323

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.08))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/inliers\_S413-10-t10\_01.ppm\_S413-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/outliers\_S413-10-t10\_01.ppm\_S413-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/inliers\_S413-10-t10\_01.ppm\_S413-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/outliers\_S413-10-t10\_01.ppm\_S413-02-t10\_01.ppm.png

Label: S413

Train Image: S413-10-t10\_01.ppm

Val Image: S413-03-t10\_01.ppm

SIFT Matches: 88

AKAZE Matches: 66

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.910498868700796

Euclidean Distance AKAZE: 3.442015595815713

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.44))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/inliers\_S413-10-t10\_01.ppm\_S413-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/outliers\_S413-10-t10\_01.ppm\_S413-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/inliers\_S413-10-t10\_01.ppm\_S413-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/outliers\_S413-10-t10\_01.ppm\_S413-03-t10\_01.ppm.png

Label: S413

Train Image: S413-10-t10\_01.ppm

Val Image: S413-09-t10\_01.ppm

SIFT Matches: 73

AKAZE Matches: 66

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.518053910927163

Euclidean Distance AKAZE: 2.874162462099319

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.87))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/inliers\_S413-10-t10\_01.ppm\_S413-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/outliers\_S413-10-t10\_01.ppm\_S413-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/inliers\_S413-10-t10\_01.ppm\_S413-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/outliers\_S413-10-t10\_01.ppm\_S413-09-t10\_01.ppm.png

Label: S413

Train Image: S413-05-t10\_01.ppm

Val Image: S413-01-t10\_01.ppm

SIFT Matches: 39

AKAZE Matches: 32

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.557718753313876

Euclidean Distance AKAZE: 2.431632508226806

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.43))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/inliers\_S413-05-t10\_01.ppm\_S413-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/outliers\_S413-05-t10\_01.ppm\_S413-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/inliers\_S413-05-t10\_01.ppm\_S413-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/outliers\_S413-05-t10\_01.ppm\_S413-01-t10\_01.ppm.png

Label: S413

Train Image: S413-05-t10\_01.ppm

Val Image: S413-02-t10\_01.ppm

SIFT Matches: 55

AKAZE Matches: 45

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.936722118037838

Euclidean Distance AKAZE: 3.003131511345616

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (2.94))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/inliers\_S413-05-t10\_01.ppm\_S413-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/outliers\_S413-05-t10\_01.ppm\_S413-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/inliers\_S413-05-t10\_01.ppm\_S413-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/outliers\_S413-05-t10\_01.ppm\_S413-02-t10\_01.ppm.png

Label: S413

Train Image: S413-05-t10\_01.ppm

Val Image: S413-03-t10\_01.ppm

SIFT Matches: 62

AKAZE Matches: 44

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.426792533283373

Euclidean Distance AKAZE: 2.502250119411403

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.50))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/inliers\_S413-05-t10\_01.ppm\_S413-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/outliers\_S413-05-t10\_01.ppm\_S413-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/inliers\_S413-05-t10\_01.ppm\_S413-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/outliers\_S413-05-t10\_01.ppm\_S413-03-t10\_01.ppm.png

Label: S413

Train Image: S413-05-t10\_01.ppm

Val Image: S413-09-t10\_01.ppm

SIFT Matches: 57

AKAZE Matches: 36

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.126357604743907

Euclidean Distance AKAZE: 2.177827297695212

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.18))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/inliers\_S413-05-t10\_01.ppm\_S413-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/outliers\_S413-05-t10\_01.ppm\_S413-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/inliers\_S413-05-t10\_01.ppm\_S413-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/outliers\_S413-05-t10\_01.ppm\_S413-09-t10\_01.ppm.png

Label: S413

Train Image: S413-04-t10\_01.ppm

Val Image: S413-01-t10\_01.ppm

SIFT Matches: 84

AKAZE Matches: 67

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.194281530124709

Euclidean Distance AKAZE: 3.079014674964746

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.08))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/inliers\_S413-04-t10\_01.ppm\_S413-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/outliers\_S413-04-t10\_01.ppm\_S413-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/inliers\_S413-04-t10\_01.ppm\_S413-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/outliers\_S413-04-t10\_01.ppm\_S413-01-t10\_01.ppm.png

Label: S413

Train Image: S413-04-t10\_01.ppm

Val Image: S413-02-t10\_01.ppm

SIFT Matches: 112

AKAZE Matches: 89

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.425644631278854

Euclidean Distance AKAZE: 3.617632926971635

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.62))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/inliers\_S413-04-t10\_01.ppm\_S413-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/outliers\_S413-04-t10\_01.ppm\_S413-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/inliers\_S413-04-t10\_01.ppm\_S413-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/outliers\_S413-04-t10\_01.ppm\_S413-02-t10\_01.ppm.png

Label: S413

Train Image: S413-04-t10\_01.ppm

Val Image: S413-03-t10\_01.ppm

SIFT Matches: 125

AKAZE Matches: 100

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.923201003855801

Euclidean Distance AKAZE: 4.272769680623684

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.27))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/inliers\_S413-04-t10\_01.ppm\_S413-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/outliers\_S413-04-t10\_01.ppm\_S413-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/inliers\_S413-04-t10\_01.ppm\_S413-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/outliers\_S413-04-t10\_01.ppm\_S413-03-t10\_01.ppm.png

Label: S413

Train Image: S413-04-t10\_01.ppm

Val Image: S413-09-t10\_01.ppm

SIFT Matches: 98

AKAZE Matches: 89

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.151023122520785

Euclidean Distance AKAZE: 3.758296752847748

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.76))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/inliers\_S413-04-t10\_01.ppm\_S413-09-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S413/outliers\_S413-04-t10\_01.ppm\_S413-09-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/inliers\_S413-04-t10\_01.ppm\_S413-09-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S413/outliers\_S413-04-t10\_01.ppm\_S413-09-t10\_01.ppm.png

Label: S416

Train Image: S416-01-t10\_01.ppm

Val Image: S416-02-t10\_01.ppm

SIFT Matches: 161

AKAZE Matches: 99

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.274475364981302

Euclidean Distance AKAZE: 4.638777636707053

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.64))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S416/inliers\_S416-01-t10\_01.ppm\_S416-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S416/outliers\_S416-01-t10\_01.ppm\_S416-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S416/inliers\_S416-01-t10\_01.ppm\_S416-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S416/outliers\_S416-01-t10\_01.ppm\_S416-02-t10\_01.ppm.png

Label: S427

Train Image: S427-02-t10\_01.ppm

Val Image: S427-01-t10\_01.ppm

SIFT Matches: 102

AKAZE Matches: 56

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.232522319514111

Euclidean Distance AKAZE: 2.957187678461388

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.96))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S427/inliers\_S427-02-t10\_01.ppm\_S427-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S427/outliers\_S427-02-t10\_01.ppm\_S427-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S427/inliers\_S427-02-t10\_01.ppm\_S427-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S427/outliers\_S427-02-t10\_01.ppm\_S427-01-t10\_01.ppm.png

Label: S427

Train Image: S427-02-t10\_01.ppm

Val Image: S427-04-t10\_01.ppm

SIFT Matches: 97

AKAZE Matches: 68

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.318034730255897

Euclidean Distance AKAZE: 3.121345687528491

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.12))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S427/inliers\_S427-02-t10\_01.ppm\_S427-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S427/outliers\_S427-02-t10\_01.ppm\_S427-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S427/inliers\_S427-02-t10\_01.ppm\_S427-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S427/outliers\_S427-02-t10\_01.ppm\_S427-04-t10\_01.ppm.png

Label: S427

Train Image: S427-02-t10\_01.ppm

Val Image: S427-03-t10\_01.ppm

SIFT Matches: 90

AKAZE Matches: 56

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.78787945578956

Euclidean Distance AKAZE: 2.788310076320899

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.79))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S427/inliers\_S427-02-t10\_01.ppm\_S427-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S427/outliers\_S427-02-t10\_01.ppm\_S427-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S427/inliers\_S427-02-t10\_01.ppm\_S427-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S427/outliers\_S427-02-t10\_01.ppm\_S427-03-t10\_01.ppm.png

Label: S426

Train Image: S426-01-t10\_01.ppm

Val Image: S426-02-t10\_01.ppm

SIFT Matches: 149

AKAZE Matches: 149

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.242561428195268

Euclidean Distance AKAZE: 4.856382279189675

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.86))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S426/inliers\_S426-01-t10\_01.ppm\_S426-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S426/outliers\_S426-01-t10\_01.ppm\_S426-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S426/inliers\_S426-01-t10\_01.ppm\_S426-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S426/outliers\_S426-01-t10\_01.ppm\_S426-02-t10\_01.ppm.png

Label: S426

Train Image: S426-01-t10\_01.ppm

Val Image: S426-02-t10\_02.ppm

SIFT Matches: 161

AKAZE Matches: 100

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.548602934043873

Euclidean Distance AKAZE: 3.936215140220928

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.94))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S426/inliers\_S426-01-t10\_01.ppm\_S426-02-t10\_02.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S426/outliers\_S426-01-t10\_01.ppm\_S426-02-t10\_02.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S426/inliers\_S426-01-t10\_01.ppm\_S426-02-t10\_02.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S426/outliers\_S426-01-t10\_01.ppm\_S426-02-t10\_02.ppm.png

Label: S426

Train Image: S426-01-t10\_01.ppm

Val Image: S426-01-t10\_02.ppm

SIFT Matches: 232

AKAZE Matches: 153

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 6.486069306615109

Euclidean Distance AKAZE: 4.756979031809191

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.76))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S426/inliers\_S426-01-t10\_01.ppm\_S426-01-t10\_02.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S426/outliers\_S426-01-t10\_01.ppm\_S426-01-t10\_02.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S426/inliers\_S426-01-t10\_01.ppm\_S426-01-t10\_02.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S426/outliers\_S426-01-t10\_01.ppm\_S426-01-t10\_02.ppm.png

Label: S421

Train Image: S421-02-t10\_01.ppm

Val Image: S421-01-t10\_01.ppm

SIFT Matches: 43

AKAZE Matches: 25

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.797900100122417

Euclidean Distance AKAZE: 2.313683538361717

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.31))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S421/inliers\_S421-02-t10\_01.ppm\_S421-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S421/outliers\_S421-02-t10\_01.ppm\_S421-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S421/inliers\_S421-02-t10\_01.ppm\_S421-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S421/outliers\_S421-02-t10\_01.ppm\_S421-01-t10\_01.ppm.png

Label: S417

Train Image: S417-03-t10\_01.ppm

Val Image: S417-02-t10\_01.ppm

SIFT Matches: 112

AKAZE Matches: 53

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.448129006862349

Euclidean Distance AKAZE: 2.614592565714933

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.61))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/inliers\_S417-03-t10\_01.ppm\_S417-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/outliers\_S417-03-t10\_01.ppm\_S417-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/inliers\_S417-03-t10\_01.ppm\_S417-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/outliers\_S417-03-t10\_01.ppm\_S417-02-t10\_01.ppm.png

Label: S417

Train Image: S417-03-t10\_01.ppm

Val Image: S417-08-t10\_01.ppm

SIFT Matches: 127

AKAZE Matches: 71

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.747971806725156

Euclidean Distance AKAZE: 3.414376846210597

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.41))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/inliers\_S417-03-t10\_01.ppm\_S417-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/outliers\_S417-03-t10\_01.ppm\_S417-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/inliers\_S417-03-t10\_01.ppm\_S417-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/outliers\_S417-03-t10\_01.ppm\_S417-08-t10\_01.ppm.png

Label: S417

Train Image: S417-03-t10\_01.ppm

Val Image: S417-01-t10\_01.ppm

SIFT Matches: 80

AKAZE Matches: 44

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.72865903388489

Euclidean Distance AKAZE: 2.366262863969767

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.37))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/inliers\_S417-03-t10\_01.ppm\_S417-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/outliers\_S417-03-t10\_01.ppm\_S417-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/inliers\_S417-03-t10\_01.ppm\_S417-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/outliers\_S417-03-t10\_01.ppm\_S417-01-t10\_01.ppm.png

Label: S417

Train Image: S417-03-t10\_01.ppm

Val Image: S417-07-t10\_01.ppm

SIFT Matches: 82

AKAZE Matches: 60

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.362992742860825

Euclidean Distance AKAZE: 2.744570030455255

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.74))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/inliers\_S417-03-t10\_01.ppm\_S417-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/outliers\_S417-03-t10\_01.ppm\_S417-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/inliers\_S417-03-t10\_01.ppm\_S417-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/outliers\_S417-03-t10\_01.ppm\_S417-07-t10\_01.ppm.png

Label: S417

Train Image: S417-04-t10\_01.ppm

Val Image: S417-02-t10\_01.ppm

SIFT Matches: 101

AKAZE Matches: 64

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.753053640776666

Euclidean Distance AKAZE: 3.178203311060504

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.18))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/inliers\_S417-04-t10\_01.ppm\_S417-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/outliers\_S417-04-t10\_01.ppm\_S417-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/inliers\_S417-04-t10\_01.ppm\_S417-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/outliers\_S417-04-t10\_01.ppm\_S417-02-t10\_01.ppm.png

Label: S417

Train Image: S417-04-t10\_01.ppm

Val Image: S417-08-t10\_01.ppm

SIFT Matches: 152

AKAZE Matches: 90

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.298584155502425

Euclidean Distance AKAZE: 4.0981109150158

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.10))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/inliers\_S417-04-t10\_01.ppm\_S417-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/outliers\_S417-04-t10\_01.ppm\_S417-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/inliers\_S417-04-t10\_01.ppm\_S417-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/outliers\_S417-04-t10\_01.ppm\_S417-08-t10\_01.ppm.png

Label: S417

Train Image: S417-04-t10\_01.ppm

Val Image: S417-01-t10\_01.ppm

SIFT Matches: 88

AKAZE Matches: 56

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.608396588122936

Euclidean Distance AKAZE: 3.456469173442616

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.46))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/inliers\_S417-04-t10\_01.ppm\_S417-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/outliers\_S417-04-t10\_01.ppm\_S417-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/inliers\_S417-04-t10\_01.ppm\_S417-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/outliers\_S417-04-t10\_01.ppm\_S417-01-t10\_01.ppm.png

Label: S417

Train Image: S417-04-t10\_01.ppm

Val Image: S417-07-t10\_01.ppm

SIFT Matches: 109

AKAZE Matches: 81

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.097767593357719

Euclidean Distance AKAZE: 3.819334094731545

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.82))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/inliers\_S417-04-t10\_01.ppm\_S417-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/outliers\_S417-04-t10\_01.ppm\_S417-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/inliers\_S417-04-t10\_01.ppm\_S417-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/outliers\_S417-04-t10\_01.ppm\_S417-07-t10\_01.ppm.png

Label: S417

Train Image: S417-06-t10\_01.ppm

Val Image: S417-02-t10\_01.ppm

SIFT Matches: 106

AKAZE Matches: 48

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.372619146018234

Euclidean Distance AKAZE: 2.762354293128848

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.76))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/inliers\_S417-06-t10\_01.ppm\_S417-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/outliers\_S417-06-t10\_01.ppm\_S417-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/inliers\_S417-06-t10\_01.ppm\_S417-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/outliers\_S417-06-t10\_01.ppm\_S417-02-t10\_01.ppm.png

Label: S417

Train Image: S417-06-t10\_01.ppm

Val Image: S417-08-t10\_01.ppm

SIFT Matches: 155

AKAZE Matches: 70

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.900740987479004

Euclidean Distance AKAZE: 3.232683984642999

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.23))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/inliers\_S417-06-t10\_01.ppm\_S417-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/outliers\_S417-06-t10\_01.ppm\_S417-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/inliers\_S417-06-t10\_01.ppm\_S417-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/outliers\_S417-06-t10\_01.ppm\_S417-08-t10\_01.ppm.png

Label: S417

Train Image: S417-06-t10\_01.ppm

Val Image: S417-01-t10\_01.ppm

SIFT Matches: 85

AKAZE Matches: 51

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.450597280453778

Euclidean Distance AKAZE: 3.021691825725251

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.02))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/inliers\_S417-06-t10\_01.ppm\_S417-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/outliers\_S417-06-t10\_01.ppm\_S417-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/inliers\_S417-06-t10\_01.ppm\_S417-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/outliers\_S417-06-t10\_01.ppm\_S417-01-t10\_01.ppm.png

Label: S417

Train Image: S417-06-t10\_01.ppm

Val Image: S417-07-t10\_01.ppm

SIFT Matches: 88

AKAZE Matches: 65

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.633401683622871

Euclidean Distance AKAZE: 2.898528152735659

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.90))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/inliers\_S417-06-t10\_01.ppm\_S417-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/outliers\_S417-06-t10\_01.ppm\_S417-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/inliers\_S417-06-t10\_01.ppm\_S417-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/outliers\_S417-06-t10\_01.ppm\_S417-07-t10\_01.ppm.png

Label: S417

Train Image: S417-05-t10\_01.ppm

Val Image: S417-02-t10\_01.ppm

SIFT Matches: 111

AKAZE Matches: 68

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.257215649104821

Euclidean Distance AKAZE: 3.52417015378946

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.52))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/inliers\_S417-05-t10\_01.ppm\_S417-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/outliers\_S417-05-t10\_01.ppm\_S417-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/inliers\_S417-05-t10\_01.ppm\_S417-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/outliers\_S417-05-t10\_01.ppm\_S417-02-t10\_01.ppm.png

Label: S417

Train Image: S417-05-t10\_01.ppm

Val Image: S417-08-t10\_01.ppm

SIFT Matches: 183

AKAZE Matches: 91

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.763601945767881

Euclidean Distance AKAZE: 3.984560791623674

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.98))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/inliers\_S417-05-t10\_01.ppm\_S417-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/outliers\_S417-05-t10\_01.ppm\_S417-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/inliers\_S417-05-t10\_01.ppm\_S417-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/outliers\_S417-05-t10\_01.ppm\_S417-08-t10\_01.ppm.png

Label: S417

Train Image: S417-05-t10\_01.ppm

Val Image: S417-01-t10\_01.ppm

SIFT Matches: 98

AKAZE Matches: 62

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.249227480081304

Euclidean Distance AKAZE: 2.910030423623159

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.91))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/inliers\_S417-05-t10\_01.ppm\_S417-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/outliers\_S417-05-t10\_01.ppm\_S417-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/inliers\_S417-05-t10\_01.ppm\_S417-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/outliers\_S417-05-t10\_01.ppm\_S417-01-t10\_01.ppm.png

Label: S417

Train Image: S417-05-t10\_01.ppm

Val Image: S417-07-t10\_01.ppm

SIFT Matches: 111

AKAZE Matches: 83

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.241747774741199

Euclidean Distance AKAZE: 2.914318898108602

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.91))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/inliers\_S417-05-t10\_01.ppm\_S417-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S417/outliers\_S417-05-t10\_01.ppm\_S417-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/inliers\_S417-05-t10\_01.ppm\_S417-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S417/outliers\_S417-05-t10\_01.ppm\_S417-07-t10\_01.ppm.png

Label: S418

Train Image: S418-01-t10\_01.ppm

Val Image: S418-02-t10\_01.ppm

SIFT Matches: 40

AKAZE Matches: 34

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.394223998418163

Euclidean Distance AKAZE: 1.814589512164456

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.81))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S418/inliers\_S418-01-t10\_01.ppm\_S418-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S418/outliers\_S418-01-t10\_01.ppm\_S418-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S418/inliers\_S418-01-t10\_01.ppm\_S418-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S418/outliers\_S418-01-t10\_01.ppm\_S418-02-t10\_01.ppm.png

Label: S418

Train Image: S418-03-t10\_01.ppm

Val Image: S418-02-t10\_01.ppm

SIFT Matches: 68

AKAZE Matches: 30

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.155212906129757

Euclidean Distance AKAZE: 2.245189457691044

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.25))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S418/inliers\_S418-03-t10\_01.ppm\_S418-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S418/outliers\_S418-03-t10\_01.ppm\_S418-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S418/inliers\_S418-03-t10\_01.ppm\_S418-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S418/outliers\_S418-03-t10\_01.ppm\_S418-02-t10\_01.ppm.png

Label: S425

Train Image: S425-03-t10\_01.ppm

Val Image: S425-05-t10\_01.ppm

SIFT Matches: 114

AKAZE Matches: 86

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.457648065208917

Euclidean Distance AKAZE: 3.908322994285087

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.91))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/inliers\_S425-03-t10\_01.ppm\_S425-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/outliers\_S425-03-t10\_01.ppm\_S425-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/inliers\_S425-03-t10\_01.ppm\_S425-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/outliers\_S425-03-t10\_01.ppm\_S425-05-t10\_01.ppm.png

Label: S425

Train Image: S425-03-t10\_01.ppm

Val Image: S425-06-t10\_01.ppm

SIFT Matches: 76

AKAZE Matches: 39

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.697935262251934

Euclidean Distance AKAZE: 2.835902549425067

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.84))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/inliers\_S425-03-t10\_01.ppm\_S425-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/outliers\_S425-03-t10\_01.ppm\_S425-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/inliers\_S425-03-t10\_01.ppm\_S425-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/outliers\_S425-03-t10\_01.ppm\_S425-06-t10\_01.ppm.png

Label: S425

Train Image: S425-03-t10\_01.ppm

Val Image: S425-02-t10\_01.ppm

SIFT Matches: 63

AKAZE Matches: 47

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.415901766650663

Euclidean Distance AKAZE: 2.929160889264339

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.93))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/inliers\_S425-03-t10\_01.ppm\_S425-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/outliers\_S425-03-t10\_01.ppm\_S425-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/inliers\_S425-03-t10\_01.ppm\_S425-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/outliers\_S425-03-t10\_01.ppm\_S425-02-t10\_01.ppm.png

Label: S425

Train Image: S425-03-t10\_01.ppm

Val Image: S425-07-t10\_01.ppm

SIFT Matches: 74

AKAZE Matches: 45

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.295127407095889

Euclidean Distance AKAZE: 2.697931652438738

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.70))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/inliers\_S425-03-t10\_01.ppm\_S425-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/outliers\_S425-03-t10\_01.ppm\_S425-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/inliers\_S425-03-t10\_01.ppm\_S425-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/outliers\_S425-03-t10\_01.ppm\_S425-07-t10\_01.ppm.png

Label: S425

Train Image: S425-03-t10\_01.ppm

Val Image: S425-01-t10\_01.ppm

SIFT Matches: 63

AKAZE Matches: 53

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.080990127937503

Euclidean Distance AKAZE: 2.689929464132022

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.69))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/inliers\_S425-03-t10\_01.ppm\_S425-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/outliers\_S425-03-t10\_01.ppm\_S425-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/inliers\_S425-03-t10\_01.ppm\_S425-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/outliers\_S425-03-t10\_01.ppm\_S425-01-t10\_01.ppm.png

Label: S425

Train Image: S425-08-t10\_01.ppm

Val Image: S425-05-t10\_01.ppm

SIFT Matches: 96

AKAZE Matches: 60

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.740829452386342

Euclidean Distance AKAZE: 3.302861397238652

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.30))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/inliers\_S425-08-t10\_01.ppm\_S425-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/outliers\_S425-08-t10\_01.ppm\_S425-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/inliers\_S425-08-t10\_01.ppm\_S425-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/outliers\_S425-08-t10\_01.ppm\_S425-05-t10\_01.ppm.png

Label: S425

Train Image: S425-08-t10\_01.ppm

Val Image: S425-06-t10\_01.ppm

SIFT Matches: 77

AKAZE Matches: 38

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.421951511031654

Euclidean Distance AKAZE: 2.438902474118474

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.44))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/inliers\_S425-08-t10\_01.ppm\_S425-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/outliers\_S425-08-t10\_01.ppm\_S425-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/inliers\_S425-08-t10\_01.ppm\_S425-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/outliers\_S425-08-t10\_01.ppm\_S425-06-t10\_01.ppm.png

Label: S425

Train Image: S425-08-t10\_01.ppm

Val Image: S425-02-t10\_01.ppm

SIFT Matches: 62

AKAZE Matches: 42

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.821679304041969

Euclidean Distance AKAZE: 2.236543213296331

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.24))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/inliers\_S425-08-t10\_01.ppm\_S425-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/outliers\_S425-08-t10\_01.ppm\_S425-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/inliers\_S425-08-t10\_01.ppm\_S425-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/outliers\_S425-08-t10\_01.ppm\_S425-02-t10\_01.ppm.png

Label: S425

Train Image: S425-08-t10\_01.ppm

Val Image: S425-07-t10\_01.ppm

SIFT Matches: 82

AKAZE Matches: 42

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.380544395847627

Euclidean Distance AKAZE: 2.743062700609032

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.74))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/inliers\_S425-08-t10\_01.ppm\_S425-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/outliers\_S425-08-t10\_01.ppm\_S425-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/inliers\_S425-08-t10\_01.ppm\_S425-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/outliers\_S425-08-t10\_01.ppm\_S425-07-t10\_01.ppm.png

Label: S425

Train Image: S425-08-t10\_01.ppm

Val Image: S425-01-t10\_01.ppm

SIFT Matches: 46

AKAZE Matches: 44

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.376860891117244

Euclidean Distance AKAZE: 2.891968931644211

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.89))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/inliers\_S425-08-t10\_01.ppm\_S425-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/outliers\_S425-08-t10\_01.ppm\_S425-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/inliers\_S425-08-t10\_01.ppm\_S425-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/outliers\_S425-08-t10\_01.ppm\_S425-01-t10\_01.ppm.png

Label: S425

Train Image: S425-04-t10\_01.ppm

Val Image: S425-05-t10\_01.ppm

SIFT Matches: 156

AKAZE Matches: 114

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.932917336698371

Euclidean Distance AKAZE: 4.480900239523921

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.48))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/inliers\_S425-04-t10\_01.ppm\_S425-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/outliers\_S425-04-t10\_01.ppm\_S425-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/inliers\_S425-04-t10\_01.ppm\_S425-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/outliers\_S425-04-t10\_01.ppm\_S425-05-t10\_01.ppm.png

Label: S425

Train Image: S425-04-t10\_01.ppm

Val Image: S425-06-t10\_01.ppm

SIFT Matches: 101

AKAZE Matches: 58

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.750863816467978

Euclidean Distance AKAZE: 3.047961611031885

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.05))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/inliers\_S425-04-t10\_01.ppm\_S425-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/outliers\_S425-04-t10\_01.ppm\_S425-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/inliers\_S425-04-t10\_01.ppm\_S425-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/outliers\_S425-04-t10\_01.ppm\_S425-06-t10\_01.ppm.png

Label: S425

Train Image: S425-04-t10\_01.ppm

Val Image: S425-02-t10\_01.ppm

SIFT Matches: 78

AKAZE Matches: 56

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.040831620511066

Euclidean Distance AKAZE: 3.252327139553538

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.25))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/inliers\_S425-04-t10\_01.ppm\_S425-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/outliers\_S425-04-t10\_01.ppm\_S425-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/inliers\_S425-04-t10\_01.ppm\_S425-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/outliers\_S425-04-t10\_01.ppm\_S425-02-t10\_01.ppm.png

Label: S425

Train Image: S425-04-t10\_01.ppm

Val Image: S425-07-t10\_01.ppm

SIFT Matches: 96

AKAZE Matches: 50

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.001358966487766

Euclidean Distance AKAZE: 2.935793055534643

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.94))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/inliers\_S425-04-t10\_01.ppm\_S425-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/outliers\_S425-04-t10\_01.ppm\_S425-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/inliers\_S425-04-t10\_01.ppm\_S425-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/outliers\_S425-04-t10\_01.ppm\_S425-07-t10\_01.ppm.png

Label: S425

Train Image: S425-04-t10\_01.ppm

Val Image: S425-01-t10\_01.ppm

SIFT Matches: 74

AKAZE Matches: 60

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.300244563071015

Euclidean Distance AKAZE: 2.754444130062442

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.75))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/inliers\_S425-04-t10\_01.ppm\_S425-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S425/outliers\_S425-04-t10\_01.ppm\_S425-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/inliers\_S425-04-t10\_01.ppm\_S425-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S425/outliers\_S425-04-t10\_01.ppm\_S425-01-t10\_01.ppm.png

Label: S422

Train Image: S422-04-t10\_01.ppm

Val Image: S422-03-t10\_01.ppm

SIFT Matches: 121

AKAZE Matches: 48

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.704577953012814

Euclidean Distance AKAZE: 2.208923599877133

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.21))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S422/inliers\_S422-04-t10\_01.ppm\_S422-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S422/outliers\_S422-04-t10\_01.ppm\_S422-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S422/inliers\_S422-04-t10\_01.ppm\_S422-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S422/outliers\_S422-04-t10\_01.ppm\_S422-03-t10\_01.ppm.png

Label: S422

Train Image: S422-01-t10\_01.ppm

Val Image: S422-03-t10\_01.ppm

SIFT Matches: 218

AKAZE Matches: 108

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.812392941457079

Euclidean Distance AKAZE: 4.422520867712715

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (4.42))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S422/inliers\_S422-01-t10\_01.ppm\_S422-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S422/outliers\_S422-01-t10\_01.ppm\_S422-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S422/inliers\_S422-01-t10\_01.ppm\_S422-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S422/outliers\_S422-01-t10\_01.ppm\_S422-03-t10\_01.ppm.png

Label: S422

Train Image: S422-02-t10\_01.ppm

Val Image: S422-03-t10\_01.ppm

SIFT Matches: 296

AKAZE Matches: 167

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 7.150127771339868

Euclidean Distance AKAZE: 5.028644777172259

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (5.03))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S422/inliers\_S422-02-t10\_01.ppm\_S422-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S422/outliers\_S422-02-t10\_01.ppm\_S422-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S422/inliers\_S422-02-t10\_01.ppm\_S422-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S422/outliers\_S422-02-t10\_01.ppm\_S422-03-t10\_01.ppm.png

Label: S419

Train Image: S419-09-t10\_01.ppm

Val Image: S419-08-t10\_01.ppm

SIFT Matches: 108

AKAZE Matches: 101

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.025260779586701

Euclidean Distance AKAZE: 3.610976063625864

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.61))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/inliers\_S419-09-t10\_01.ppm\_S419-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/outliers\_S419-09-t10\_01.ppm\_S419-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/inliers\_S419-09-t10\_01.ppm\_S419-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/outliers\_S419-09-t10\_01.ppm\_S419-08-t10\_01.ppm.png

Label: S419

Train Image: S419-09-t10\_01.ppm

Val Image: S419-02-t10\_01.ppm

SIFT Matches: 72

AKAZE Matches: 59

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.400275706999434

Euclidean Distance AKAZE: 3.480938974528275

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.40))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/inliers\_S419-09-t10\_01.ppm\_S419-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/outliers\_S419-09-t10\_01.ppm\_S419-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/inliers\_S419-09-t10\_01.ppm\_S419-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/outliers\_S419-09-t10\_01.ppm\_S419-02-t10\_01.ppm.png

Label: S419

Train Image: S419-09-t10\_01.ppm

Val Image: S419-05-t10\_01.ppm

SIFT Matches: 100

AKAZE Matches: 64

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.1332104974125

Euclidean Distance AKAZE: 3.30062198271052

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.30))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/inliers\_S419-09-t10\_01.ppm\_S419-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/outliers\_S419-09-t10\_01.ppm\_S419-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/inliers\_S419-09-t10\_01.ppm\_S419-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/outliers\_S419-09-t10\_01.ppm\_S419-05-t10\_01.ppm.png

Label: S419

Train Image: S419-09-t10\_01.ppm

Val Image: S419-01-t10\_01.ppm

SIFT Matches: 64

AKAZE Matches: 56

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.290996976286297

Euclidean Distance AKAZE: 2.788543063234765

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.79))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/inliers\_S419-09-t10\_01.ppm\_S419-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/outliers\_S419-09-t10\_01.ppm\_S419-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/inliers\_S419-09-t10\_01.ppm\_S419-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/outliers\_S419-09-t10\_01.ppm\_S419-01-t10\_01.ppm.png

Label: S419

Train Image: S419-06-t10\_01.ppm

Val Image: S419-08-t10\_01.ppm

SIFT Matches: 77

AKAZE Matches: 83

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.561855932071478

Euclidean Distance AKAZE: 3.676398233825416

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.56))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/inliers\_S419-06-t10\_01.ppm\_S419-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/outliers\_S419-06-t10\_01.ppm\_S419-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/inliers\_S419-06-t10\_01.ppm\_S419-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/outliers\_S419-06-t10\_01.ppm\_S419-08-t10\_01.ppm.png

Label: S419

Train Image: S419-06-t10\_01.ppm

Val Image: S419-02-t10\_01.ppm

SIFT Matches: 54

AKAZE Matches: 62

Best Method: AKAZE (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.196949499887674

Euclidean Distance AKAZE: 3.438379525313584

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.20))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/inliers\_S419-06-t10\_01.ppm\_S419-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/outliers\_S419-06-t10\_01.ppm\_S419-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/inliers\_S419-06-t10\_01.ppm\_S419-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/outliers\_S419-06-t10\_01.ppm\_S419-02-t10\_01.ppm.png

Label: S419

Train Image: S419-06-t10\_01.ppm

Val Image: S419-05-t10\_01.ppm

SIFT Matches: 78

AKAZE Matches: 71

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.513705526723991

Euclidean Distance AKAZE: 3.677619795313371

Best Method (Distance): SIFT (SIFT memiliki jarak Euclidean lebih rendah (3.51))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/inliers\_S419-06-t10\_01.ppm\_S419-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/outliers\_S419-06-t10\_01.ppm\_S419-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/inliers\_S419-06-t10\_01.ppm\_S419-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/outliers\_S419-06-t10\_01.ppm\_S419-05-t10\_01.ppm.png

Label: S419

Train Image: S419-06-t10\_01.ppm

Val Image: S419-01-t10\_01.ppm

SIFT Matches: 60

AKAZE Matches: 58

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.784971547451833

Euclidean Distance AKAZE: 2.482105857039424

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.48))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/inliers\_S419-06-t10\_01.ppm\_S419-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/outliers\_S419-06-t10\_01.ppm\_S419-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/inliers\_S419-06-t10\_01.ppm\_S419-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/outliers\_S419-06-t10\_01.ppm\_S419-01-t10\_01.ppm.png

Label: S419

Train Image: S419-03-t10\_01.ppm

Val Image: S419-08-t10\_01.ppm

SIFT Matches: 47

AKAZE Matches: 26

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.837834973018361

Euclidean Distance AKAZE: 1.870558202614706

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.87))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/inliers\_S419-03-t10\_01.ppm\_S419-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/outliers\_S419-03-t10\_01.ppm\_S419-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/inliers\_S419-03-t10\_01.ppm\_S419-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/outliers\_S419-03-t10\_01.ppm\_S419-08-t10\_01.ppm.png

Label: S419

Train Image: S419-03-t10\_01.ppm

Val Image: S419-02-t10\_01.ppm

SIFT Matches: 45

AKAZE Matches: 30

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.266865546519499

Euclidean Distance AKAZE: 2.243130142553324

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.24))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/inliers\_S419-03-t10\_01.ppm\_S419-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/outliers\_S419-03-t10\_01.ppm\_S419-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/inliers\_S419-03-t10\_01.ppm\_S419-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/outliers\_S419-03-t10\_01.ppm\_S419-02-t10\_01.ppm.png

Label: S419

Train Image: S419-03-t10\_01.ppm

Val Image: S419-05-t10\_01.ppm

SIFT Matches: 57

AKAZE Matches: 31

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.402040357898648

Euclidean Distance AKAZE: 2.290328978464416

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.29))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/inliers\_S419-03-t10\_01.ppm\_S419-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/outliers\_S419-03-t10\_01.ppm\_S419-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/inliers\_S419-03-t10\_01.ppm\_S419-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/outliers\_S419-03-t10\_01.ppm\_S419-05-t10\_01.ppm.png

Label: S419

Train Image: S419-03-t10\_01.ppm

Val Image: S419-01-t10\_01.ppm

SIFT Matches: 49

AKAZE Matches: 31

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.121192040582269

Euclidean Distance AKAZE: 2.414132850775683

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.41))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/inliers\_S419-03-t10\_01.ppm\_S419-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/outliers\_S419-03-t10\_01.ppm\_S419-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/inliers\_S419-03-t10\_01.ppm\_S419-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/outliers\_S419-03-t10\_01.ppm\_S419-01-t10\_01.ppm.png

Label: S419

Train Image: S419-10-t10\_01.ppm

Val Image: S419-08-t10\_01.ppm

SIFT Matches: 88

AKAZE Matches: 63

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.224414240130549

Euclidean Distance AKAZE: 3.552928374347299

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.55))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/inliers\_S419-10-t10\_01.ppm\_S419-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/outliers\_S419-10-t10\_01.ppm\_S419-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/inliers\_S419-10-t10\_01.ppm\_S419-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/outliers\_S419-10-t10\_01.ppm\_S419-08-t10\_01.ppm.png

Label: S419

Train Image: S419-10-t10\_01.ppm

Val Image: S419-02-t10\_01.ppm

SIFT Matches: 62

AKAZE Matches: 51

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.537998619746351

Euclidean Distance AKAZE: 3.249351285080055

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.25))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/inliers\_S419-10-t10\_01.ppm\_S419-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/outliers\_S419-10-t10\_01.ppm\_S419-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/inliers\_S419-10-t10\_01.ppm\_S419-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/outliers\_S419-10-t10\_01.ppm\_S419-02-t10\_01.ppm.png

Label: S419

Train Image: S419-10-t10\_01.ppm

Val Image: S419-05-t10\_01.ppm

SIFT Matches: 84

AKAZE Matches: 56

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.590248226885136

Euclidean Distance AKAZE: 2.730953768495853

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.73))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/inliers\_S419-10-t10\_01.ppm\_S419-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/outliers\_S419-10-t10\_01.ppm\_S419-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/inliers\_S419-10-t10\_01.ppm\_S419-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/outliers\_S419-10-t10\_01.ppm\_S419-05-t10\_01.ppm.png

Label: S419

Train Image: S419-10-t10\_01.ppm

Val Image: S419-01-t10\_01.ppm

SIFT Matches: 65

AKAZE Matches: 49

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.136064299116125

Euclidean Distance AKAZE: 2.968316836065079

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.97))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/inliers\_S419-10-t10\_01.ppm\_S419-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/outliers\_S419-10-t10\_01.ppm\_S419-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/inliers\_S419-10-t10\_01.ppm\_S419-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/outliers\_S419-10-t10\_01.ppm\_S419-01-t10\_01.ppm.png

Label: S419

Train Image: S419-07-t10\_01.ppm

Val Image: S419-08-t10\_01.ppm

SIFT Matches: 96

AKAZE Matches: 71

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.790876839140493

Euclidean Distance AKAZE: 3.741609823032725

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.74))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/inliers\_S419-07-t10\_01.ppm\_S419-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/outliers\_S419-07-t10\_01.ppm\_S419-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/inliers\_S419-07-t10\_01.ppm\_S419-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/outliers\_S419-07-t10\_01.ppm\_S419-08-t10\_01.ppm.png

Label: S419

Train Image: S419-07-t10\_01.ppm

Val Image: S419-02-t10\_01.ppm

SIFT Matches: 68

AKAZE Matches: 53

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.354055933830732

Euclidean Distance AKAZE: 3.27921597561053

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.28))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/inliers\_S419-07-t10\_01.ppm\_S419-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/outliers\_S419-07-t10\_01.ppm\_S419-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/inliers\_S419-07-t10\_01.ppm\_S419-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/outliers\_S419-07-t10\_01.ppm\_S419-02-t10\_01.ppm.png

Label: S419

Train Image: S419-07-t10\_01.ppm

Val Image: S419-05-t10\_01.ppm

SIFT Matches: 98

AKAZE Matches: 78

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.501911153325419

Euclidean Distance AKAZE: 3.150726124463924

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.15))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/inliers\_S419-07-t10\_01.ppm\_S419-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/outliers\_S419-07-t10\_01.ppm\_S419-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/inliers\_S419-07-t10\_01.ppm\_S419-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/outliers\_S419-07-t10\_01.ppm\_S419-05-t10\_01.ppm.png

Label: S419

Train Image: S419-07-t10\_01.ppm

Val Image: S419-01-t10\_01.ppm

SIFT Matches: 72

AKAZE Matches: 49

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.515889191753053

Euclidean Distance AKAZE: 2.698973430401799

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.70))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/inliers\_S419-07-t10\_01.ppm\_S419-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/outliers\_S419-07-t10\_01.ppm\_S419-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/inliers\_S419-07-t10\_01.ppm\_S419-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/outliers\_S419-07-t10\_01.ppm\_S419-01-t10\_01.ppm.png

Label: S419

Train Image: S419-04-t10\_01.ppm

Val Image: S419-08-t10\_01.ppm

SIFT Matches: 126

AKAZE Matches: 70

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.028529543169512

Euclidean Distance AKAZE: 3.455032045025311

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.46))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/inliers\_S419-04-t10\_01.ppm\_S419-08-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/outliers\_S419-04-t10\_01.ppm\_S419-08-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/inliers\_S419-04-t10\_01.ppm\_S419-08-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/outliers\_S419-04-t10\_01.ppm\_S419-08-t10\_01.ppm.png

Label: S419

Train Image: S419-04-t10\_01.ppm

Val Image: S419-02-t10\_01.ppm

SIFT Matches: 86

AKAZE Matches: 57

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.923270248333531

Euclidean Distance AKAZE: 2.592549946290043

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.59))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/inliers\_S419-04-t10\_01.ppm\_S419-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/outliers\_S419-04-t10\_01.ppm\_S419-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/inliers\_S419-04-t10\_01.ppm\_S419-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/outliers\_S419-04-t10\_01.ppm\_S419-02-t10\_01.ppm.png

Label: S419

Train Image: S419-04-t10\_01.ppm

Val Image: S419-05-t10\_01.ppm

SIFT Matches: 118

AKAZE Matches: 62

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.249470759154003

Euclidean Distance AKAZE: 3.500058937710802

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.50))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/inliers\_S419-04-t10\_01.ppm\_S419-05-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/outliers\_S419-04-t10\_01.ppm\_S419-05-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/inliers\_S419-04-t10\_01.ppm\_S419-05-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/outliers\_S419-04-t10\_01.ppm\_S419-05-t10\_01.ppm.png

Label: S419

Train Image: S419-04-t10\_01.ppm

Val Image: S419-01-t10\_01.ppm

SIFT Matches: 81

AKAZE Matches: 47

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.544317381724191

Euclidean Distance AKAZE: 2.461104583774469

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.46))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/inliers\_S419-04-t10\_01.ppm\_S419-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S419/outliers\_S419-04-t10\_01.ppm\_S419-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/inliers\_S419-04-t10\_01.ppm\_S419-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S419/outliers\_S419-04-t10\_01.ppm\_S419-01-t10\_01.ppm.png

Label: S420

Train Image: S420-03-t10\_01.ppm

Val Image: S420-04-t10\_01.ppm

SIFT Matches: 101

AKAZE Matches: 55

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.640681080788706

Euclidean Distance AKAZE: 2.840728999594396

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.84))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S420/inliers\_S420-03-t10\_01.ppm\_S420-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S420/outliers\_S420-03-t10\_01.ppm\_S420-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S420/inliers\_S420-03-t10\_01.ppm\_S420-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S420/outliers\_S420-03-t10\_01.ppm\_S420-04-t10\_01.ppm.png

Label: S420

Train Image: S420-03-t10\_01.ppm

Val Image: S420-02-t10\_01.ppm

SIFT Matches: 89

AKAZE Matches: 30

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.403684913802317

Euclidean Distance AKAZE: 2.229219360395929

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.23))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S420/inliers\_S420-03-t10\_01.ppm\_S420-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S420/outliers\_S420-03-t10\_01.ppm\_S420-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S420/inliers\_S420-03-t10\_01.ppm\_S420-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S420/outliers\_S420-03-t10\_01.ppm\_S420-02-t10\_01.ppm.png

Label: S420

Train Image: S420-01-t10\_01.ppm

Val Image: S420-04-t10\_01.ppm

SIFT Matches: 69

AKAZE Matches: 28

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.992613368187095

Euclidean Distance AKAZE: 2.298679342621837

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.30))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S420/inliers\_S420-01-t10\_01.ppm\_S420-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S420/outliers\_S420-01-t10\_01.ppm\_S420-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S420/inliers\_S420-01-t10\_01.ppm\_S420-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S420/outliers\_S420-01-t10\_01.ppm\_S420-04-t10\_01.ppm.png

Label: S420

Train Image: S420-01-t10\_01.ppm

Val Image: S420-02-t10\_01.ppm

SIFT Matches: 42

AKAZE Matches: 22

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.898457674604122

Euclidean Distance AKAZE: 1.936099246918303

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.94))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S420/inliers\_S420-01-t10\_01.ppm\_S420-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S420/outliers\_S420-01-t10\_01.ppm\_S420-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S420/inliers\_S420-01-t10\_01.ppm\_S420-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S420/outliers\_S420-01-t10\_01.ppm\_S420-02-t10\_01.ppm.png

Label: S420

Train Image: S420-06-t10\_01.ppm

Val Image: S420-04-t10\_01.ppm

SIFT Matches: 71

AKAZE Matches: 49

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.582240335746926

Euclidean Distance AKAZE: 2.485730964234614

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.49))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S420/inliers\_S420-06-t10\_01.ppm\_S420-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S420/outliers\_S420-06-t10\_01.ppm\_S420-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S420/inliers\_S420-06-t10\_01.ppm\_S420-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S420/outliers\_S420-06-t10\_01.ppm\_S420-04-t10\_01.ppm.png

Label: S420

Train Image: S420-06-t10\_01.ppm

Val Image: S420-02-t10\_01.ppm

SIFT Matches: 55

AKAZE Matches: 28

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.405293275496344

Euclidean Distance AKAZE: 2.575401119423097

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.58))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S420/inliers\_S420-06-t10\_01.ppm\_S420-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S420/outliers\_S420-06-t10\_01.ppm\_S420-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S420/inliers\_S420-06-t10\_01.ppm\_S420-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S420/outliers\_S420-06-t10\_01.ppm\_S420-02-t10\_01.ppm.png

Label: S420

Train Image: S420-05-t10\_01.ppm

Val Image: S420-04-t10\_01.ppm

SIFT Matches: 84

AKAZE Matches: 41

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.664635809685619

Euclidean Distance AKAZE: 2.645134898918936

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.65))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S420/inliers\_S420-05-t10\_01.ppm\_S420-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S420/outliers\_S420-05-t10\_01.ppm\_S420-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S420/inliers\_S420-05-t10\_01.ppm\_S420-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S420/outliers\_S420-05-t10\_01.ppm\_S420-04-t10\_01.ppm.png

Label: S420

Train Image: S420-05-t10\_01.ppm

Val Image: S420-02-t10\_01.ppm

SIFT Matches: 62

AKAZE Matches: 31

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.612252268778018

Euclidean Distance AKAZE: 1.836949621515477

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (1.84))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S420/inliers\_S420-05-t10\_01.ppm\_S420-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S420/outliers\_S420-05-t10\_01.ppm\_S420-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S420/inliers\_S420-05-t10\_01.ppm\_S420-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S420/outliers\_S420-05-t10\_01.ppm\_S420-02-t10\_01.ppm.png

Label: S423

Train Image: S423-02-t10\_01.ppm

Val Image: S423-01-t10\_01.ppm

SIFT Matches: 152

AKAZE Matches: 71

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.640395097555428

Euclidean Distance AKAZE: 3.418436148732436

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.42))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S423/inliers\_S423-02-t10\_01.ppm\_S423-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S423/outliers\_S423-02-t10\_01.ppm\_S423-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S423/inliers\_S423-02-t10\_01.ppm\_S423-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S423/outliers\_S423-02-t10\_01.ppm\_S423-01-t10\_01.ppm.png

Label: S423

Train Image: S423-02-t10\_01.ppm

Val Image: S423-03-t10\_01.ppm

SIFT Matches: 115

AKAZE Matches: 52

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.748953571730008

Euclidean Distance AKAZE: 2.999978312743384

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.00))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S423/inliers\_S423-02-t10\_01.ppm\_S423-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S423/outliers\_S423-02-t10\_01.ppm\_S423-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S423/inliers\_S423-02-t10\_01.ppm\_S423-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S423/outliers\_S423-02-t10\_01.ppm\_S423-03-t10\_01.ppm.png

Label: S423

Train Image: S423-04-t10\_01.ppm

Val Image: S423-01-t10\_01.ppm

SIFT Matches: 163

AKAZE Matches: 94

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 5.241476817844855

Euclidean Distance AKAZE: 3.8404737352968

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.84))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S423/inliers\_S423-04-t10\_01.ppm\_S423-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S423/outliers\_S423-04-t10\_01.ppm\_S423-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S423/inliers\_S423-04-t10\_01.ppm\_S423-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S423/outliers\_S423-04-t10\_01.ppm\_S423-01-t10\_01.ppm.png

Label: S423

Train Image: S423-04-t10\_01.ppm

Val Image: S423-03-t10\_01.ppm

SIFT Matches: 115

AKAZE Matches: 50

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.098032379102718

Euclidean Distance AKAZE: 2.850961560373507

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.85))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S423/inliers\_S423-04-t10\_01.ppm\_S423-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S423/outliers\_S423-04-t10\_01.ppm\_S423-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S423/inliers\_S423-04-t10\_01.ppm\_S423-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S423/outliers\_S423-04-t10\_01.ppm\_S423-03-t10\_01.ppm.png

Label: S428

Train Image: S428-05-t10\_01.ppm

Val Image: S428-02-t10\_01.ppm

SIFT Matches: 62

AKAZE Matches: 35

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.125778151266229

Euclidean Distance AKAZE: 2.244989552421767

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.24))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S428/inliers\_S428-05-t10\_01.ppm\_S428-02-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S428/outliers\_S428-05-t10\_01.ppm\_S428-02-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S428/inliers\_S428-05-t10\_01.ppm\_S428-02-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S428/outliers\_S428-05-t10\_01.ppm\_S428-02-t10\_01.ppm.png

Label: S428

Train Image: S428-05-t10\_01.ppm

Val Image: S428-01-t10\_01.ppm

SIFT Matches: 48

AKAZE Matches: 30

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.660968625378182

Euclidean Distance AKAZE: 2.146937637775841

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.15))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S428/inliers\_S428-05-t10\_01.ppm\_S428-01-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S428/outliers\_S428-05-t10\_01.ppm\_S428-01-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S428/inliers\_S428-05-t10\_01.ppm\_S428-01-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S428/outliers\_S428-05-t10\_01.ppm\_S428-01-t10\_01.ppm.png

Label: S428

Train Image: S428-05-t10\_01.ppm

Val Image: S428-07-t10\_01.ppm

SIFT Matches: 58

AKAZE Matches: 43

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 2.763752649524298

Euclidean Distance AKAZE: 2.217737196582082

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.22))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S428/inliers\_S428-05-t10\_01.ppm\_S428-07-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S428/outliers\_S428-05-t10\_01.ppm\_S428-07-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S428/inliers\_S428-05-t10\_01.ppm\_S428-07-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S428/outliers\_S428-05-t10\_01.ppm\_S428-07-t10\_01.ppm.png

Label: S428

Train Image: S428-05-t10\_01.ppm

Val Image: S428-04-t10\_01.ppm

SIFT Matches: 79

AKAZE Matches: 42

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.26814112796433

Euclidean Distance AKAZE: 2.406461261004529

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.41))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S428/inliers\_S428-05-t10\_01.ppm\_S428-04-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S428/outliers\_S428-05-t10\_01.ppm\_S428-04-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S428/inliers\_S428-05-t10\_01.ppm\_S428-04-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S428/outliers\_S428-05-t10\_01.ppm\_S428-04-t10\_01.ppm.png

Label: S428

Train Image: S428-05-t10\_01.ppm

Val Image: S428-06-t10\_01.ppm

SIFT Matches: 83

AKAZE Matches: 48

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.327890336832324

Euclidean Distance AKAZE: 2.568587119198086

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.57))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S428/inliers\_S428-05-t10\_01.ppm\_S428-06-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S428/outliers\_S428-05-t10\_01.ppm\_S428-06-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S428/inliers\_S428-05-t10\_01.ppm\_S428-06-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S428/outliers\_S428-05-t10\_01.ppm\_S428-06-t10\_01.ppm.png

Label: S428

Train Image: S428-05-t10\_01.ppm

Val Image: S428-03-t10\_01.ppm

SIFT Matches: 73

AKAZE Matches: 45

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.533934650093495

Euclidean Distance AKAZE: 2.885736052127133

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (2.89))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S428/inliers\_S428-05-t10\_01.ppm\_S428-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S428/outliers\_S428-05-t10\_01.ppm\_S428-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S428/inliers\_S428-05-t10\_01.ppm\_S428-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S428/outliers\_S428-05-t10\_01.ppm\_S428-03-t10\_01.ppm.png

Label: S429

Train Image: S429-02-t10\_01.ppm

Val Image: S429-03-t10\_01.ppm

SIFT Matches: 104

AKAZE Matches: 67

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.372759649443377

Euclidean Distance AKAZE: 3.206571959420879

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.21))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S429/inliers\_S429-02-t10\_01.ppm\_S429-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S429/outliers\_S429-02-t10\_01.ppm\_S429-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S429/inliers\_S429-02-t10\_01.ppm\_S429-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S429/outliers\_S429-02-t10\_01.ppm\_S429-03-t10\_01.ppm.png

Label: S429

Train Image: S429-04-t10\_01.ppm

Val Image: S429-03-t10\_01.ppm

SIFT Matches: 97

AKAZE Matches: 83

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 3.906420087775961

Euclidean Distance AKAZE: 3.73226488574204

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.73))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S429/inliers\_S429-04-t10\_01.ppm\_S429-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S429/outliers\_S429-04-t10\_01.ppm\_S429-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S429/inliers\_S429-04-t10\_01.ppm\_S429-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S429/outliers\_S429-04-t10\_01.ppm\_S429-03-t10\_01.ppm.png

Label: S429

Train Image: S429-01-t10\_01.ppm

Val Image: S429-03-t10\_01.ppm

SIFT Matches: 121

AKAZE Matches: 88

Best Method: SIFT (Lebih banyak inliers cocok)

Euclidean Distance SIFT: 4.486508352773092

Euclidean Distance AKAZE: 3.688928266694194

Best Method (Distance): AKAZE (AKAZE memiliki jarak Euclidean lebih rendah (3.69))

SIFT Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S429/inliers\_S429-01-t10\_01.ppm\_S429-03-t10\_01.ppm.png

SIFT Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/SIFT/S429/outliers\_S429-01-t10\_01.ppm\_S429-03-t10\_01.ppm.png

AKAZE Inlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S429/inliers\_S429-01-t10\_01.ppm\_S429-03-t10\_01.ppm.png

AKAZE Outlier Image: /content/drive/MyDrive/Colab Notebooks/PCD/Keypoints Matches Images/AKAZE/S429/outliers\_S429-01-t10\_01.ppm\_S429-03-t10\_01.ppm.png

## Confusion Matrix Evaluation

Folder: S027

Train Image: S027-01-t10\_01.ppm

Val Image: S027-01-t10\_03.ppm

Precision SIFT: 0.44

Recall SIFT: 0.4680851063829787

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4536082474226804

Precision AKAZE: 0.4651162790697674

Recall AKAZE: 0.425531914893617

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4444444444444444

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.50))

Folder: S027

Train Image: S027-01-t10\_01.ppm

Val Image: S027-01-t10\_02.ppm

Precision SIFT: 0.3461538461538461

Recall SIFT: 0.5

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4090909090909091

Precision AKAZE: 0.3269230769230769

Recall AKAZE: 0.4722222222222222

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.3863636363636364

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.50))

Folder: S008

Train Image: S008-07-t10\_01.ppm

Val Image: S008-04-t10\_01.ppm

Precision SIFT: 0.5869565217391305

Recall SIFT: 0.4909090909090909

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5346534653465347

Precision AKAZE: 0.5555555555555556

Recall AKAZE: 0.4545454545454545

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.59))

Folder: S008

Train Image: S008-03-t10\_01.ppm

Val Image: S008-04-t10\_01.ppm

Precision SIFT: 0.5333333333333333

Recall SIFT: 0.4615384615384616

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4948453608247423

Precision AKAZE: 0.4901960784313725

Recall AKAZE: 0.4807692307692308

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4854368932038835

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.53))

Folder: S008

Train Image: S008-02-t10\_01.ppm

Val Image: S008-04-t10\_01.ppm

Precision SIFT: 0.4666666666666667

Recall SIFT: 0.4038461538461539

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4329896907216495

Precision AKAZE: 0.4680851063829787

Recall AKAZE: 0.4230769230769231

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4444444444444444

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.47))

Folder: S008

Train Image: S008-01-t10\_01.ppm

Val Image: S008-04-t10\_01.ppm

Precision SIFT: 0.5849056603773585

Recall SIFT: 0.5849056603773585

Accuracy SIFT: 0.56

F1-Score SIFT: 0.5849056603773585

Precision AKAZE: 0.4651162790697674

Recall AKAZE: 0.3773584905660378

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.4166666666666667

Best Method (Metrics): SIFT (SIFT memiliki F1-Score lebih tinggi (0.58))

Folder: S008

Train Image: S008-06-t10\_01.ppm

Val Image: S008-04-t10\_01.ppm

Precision SIFT: 0.5740740740740741

Recall SIFT: 0.5535714285714286

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5636363636363636

Precision AKAZE: 0.6222222222222222

Recall AKAZE: 0.5

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5544554455445545

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.62))

Folder: S008

Train Image: S008-05-t10\_01.ppm

Val Image: S008-04-t10\_01.ppm

Precision SIFT: 0.5121951219512195

Recall SIFT: 0.4375

Accuracy SIFT: 0.53

F1-Score SIFT: 0.4719101123595505

Precision AKAZE: 0.425

Recall AKAZE: 0.3541666666666667

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.3863636363636364

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.53))

Folder: S015

Train Image: S015-02-t10\_01.ppm

Val Image: S015-03-t10\_01.ppm

Precision SIFT: 0.5833333333333334

Recall SIFT: 0.56

Accuracy SIFT: 0.58

F1-Score SIFT: 0.5714285714285714

Precision AKAZE: 0.5227272727272727

Recall AKAZE: 0.46

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.4893617021276596

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.58))

Folder: S015

Train Image: S015-01-t10\_01.ppm

Val Image: S015-03-t10\_01.ppm

Precision SIFT: 0.5434782608695652

Recall SIFT: 0.5208333333333334

Accuracy SIFT: 0.56

F1-Score SIFT: 0.5319148936170213

Precision AKAZE: 0.4489795918367347

Recall AKAZE: 0.4583333333333333

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4536082474226804

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.56))

Folder: S001

Train Image: S001-02-t10\_01.ppm

Val Image: S001-08-t10\_03.ppm

Precision SIFT: 0.48

Recall SIFT: 0.5106382978723404

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4948453608247423

Precision AKAZE: 0.4545454545454545

Recall AKAZE: 0.425531914893617

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4395604395604396

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.51))

Folder: S001

Train Image: S001-02-t10\_01.ppm

Val Image: S001-08-t10\_01.ppm

Precision SIFT: 0.4509803921568628

Recall SIFT: 0.5227272727272727

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4842105263157895

Precision AKAZE: 0.3818181818181818

Recall AKAZE: 0.4772727272727273

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.4242424242424243

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.52))

Folder: S001

Train Image: S001-02-t10\_01.ppm

Val Image: S001-07-t10\_01.ppm

Precision SIFT: 0.5087719298245614

Recall SIFT: 0.5370370370370371

Accuracy SIFT: 0.47

F1-Score SIFT: 0.5225225225225225

Precision AKAZE: 0.4821428571428572

Recall AKAZE: 0.5

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.4909090909090909

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.54))

Folder: S001

Train Image: S001-03-t10\_01.ppm

Val Image: S001-08-t10\_03.ppm

Precision SIFT: 0.3555555555555556

Recall SIFT: 0.32

Accuracy SIFT: 0.37

F1-Score SIFT: 0.3368421052631579

Precision AKAZE: 0.5454545454545454

Recall AKAZE: 0.48

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5106382978723404

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.55))

Folder: S001

Train Image: S001-03-t10\_01.ppm

Val Image: S001-08-t10\_01.ppm

Precision SIFT: 0.3653846153846154

Recall SIFT: 0.5

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4222222222222222

Precision AKAZE: 0.3877551020408163

Recall AKAZE: 0.5

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4367816091954023

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.51))

Folder: S001

Train Image: S001-03-t10\_01.ppm

Val Image: S001-07-t10\_01.ppm

Precision SIFT: 0.5135135135135135

Recall SIFT: 0.3725490196078431

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4318181818181818

Precision AKAZE: 0.5333333333333333

Recall AKAZE: 0.4705882352941176

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.53))

Folder: S001

Train Image: S001-06-t10\_01.ppm

Val Image: S001-08-t10\_03.ppm

Precision SIFT: 0.4489795918367347

Recall SIFT: 0.4230769230769231

Accuracy SIFT: 0.43

F1-Score SIFT: 0.4356435643564356

Precision AKAZE: 0.4782608695652174

Recall AKAZE: 0.4230769230769231

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4489795918367347

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.48))

Folder: S001

Train Image: S001-06-t10\_01.ppm

Val Image: S001-08-t10\_01.ppm

Precision SIFT: 0.4259259259259259

Recall SIFT: 0.5

Accuracy SIFT: 0.46

F1-Score SIFT: 0.46

Precision AKAZE: 0.5294117647058824

Recall AKAZE: 0.391304347826087

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.45

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.56))

Folder: S001

Train Image: S001-06-t10\_01.ppm

Val Image: S001-07-t10\_01.ppm

Precision SIFT: 0.5185185185185185

Recall SIFT: 0.5957446808510638

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5544554455445545

Precision AKAZE: 0.4444444444444444

Recall AKAZE: 0.5106382978723404

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4752475247524752

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.60))

Folder: S001

Train Image: S001-04-t10\_01.ppm

Val Image: S001-08-t10\_03.ppm

Precision SIFT: 0.4791666666666667

Recall SIFT: 0.4259259259259259

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4509803921568628

Precision AKAZE: 0.5555555555555556

Recall AKAZE: 0.462962962962963

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5050505050505051

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.56))

Folder: S001

Train Image: S001-04-t10\_01.ppm

Val Image: S001-08-t10\_01.ppm

Precision SIFT: 0.4285714285714285

Recall SIFT: 0.4772727272727273

Accuracy SIFT: 0.49

F1-Score SIFT: 0.4516129032258064

Precision AKAZE: 0.4444444444444444

Recall AKAZE: 0.5454545454545454

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4897959183673469

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.55))

Folder: S001

Train Image: S001-04-t10\_01.ppm

Val Image: S001-07-t10\_01.ppm

Precision SIFT: 0.3928571428571428

Recall SIFT: 0.4583333333333333

Accuracy SIFT: 0.4

F1-Score SIFT: 0.4230769230769231

Precision AKAZE: 0.5370370370370371

Recall AKAZE: 0.6041666666666666

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.5686274509803921

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.60))

Folder: S001

Train Image: S001-05-t10\_01.ppm

Val Image: S001-08-t10\_03.ppm

Precision SIFT: 0.4705882352941176

Recall SIFT: 0.5106382978723404

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4897959183673469

Precision AKAZE: 0.5625

Recall AKAZE: 0.574468085106383

Accuracy AKAZE: 0.59

F1-Score AKAZE: 0.5684210526315789

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.59))

Folder: S001

Train Image: S001-05-t10\_01.ppm

Val Image: S001-08-t10\_01.ppm

Precision SIFT: 0.5869565217391305

Recall SIFT: 0.4736842105263158

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5242718446601942

Precision AKAZE: 0.5348837209302325

Recall AKAZE: 0.4035087719298245

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.46

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.59))

Folder: S001

Train Image: S001-05-t10\_01.ppm

Val Image: S001-07-t10\_01.ppm

Precision SIFT: 0.7272727272727273

Recall SIFT: 0.5079365079365079

Accuracy SIFT: 0.57

F1-Score SIFT: 0.5981308411214953

Precision AKAZE: 0.5818181818181818

Recall AKAZE: 0.5079365079365079

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.5423728813559322

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.73))

Folder: S001

Train Image: S001-01-t10\_01.ppm

Val Image: S001-08-t10\_03.ppm

Precision SIFT: 0.4693877551020408

Recall SIFT: 0.4693877551020408

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4693877551020408

Precision AKAZE: 0.5294117647058824

Recall AKAZE: 0.5510204081632653

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.54

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.55))

Folder: S001

Train Image: S001-01-t10\_01.ppm

Val Image: S001-08-t10\_01.ppm

Precision SIFT: 0.4716981132075472

Recall SIFT: 0.5

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4854368932038835

Precision AKAZE: 0.4489795918367347

Recall AKAZE: 0.44

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4444444444444444

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.50))

Folder: S001

Train Image: S001-01-t10\_01.ppm

Val Image: S001-07-t10\_01.ppm

Precision SIFT: 0.4107142857142857

Recall SIFT: 0.5348837209302325

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4646464646464646

Precision AKAZE: 0.4

Recall AKAZE: 0.4186046511627907

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4090909090909091

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.53))

Folder: S001

Train Image: S001-08-t10\_02.ppm

Val Image: S001-08-t10\_03.ppm

Precision SIFT: 0.4385964912280702

Recall SIFT: 0.6410256410256411

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5208333333333334

Precision AKAZE: 0.4166666666666667

Recall AKAZE: 0.5128205128205128

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.4597701149425287

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.64))

Folder: S001

Train Image: S001-08-t10\_02.ppm

Val Image: S001-08-t10\_01.ppm

Precision SIFT: 0.4042553191489361

Recall SIFT: 0.4634146341463415

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4318181818181818

Precision AKAZE: 0.3478260869565217

Recall AKAZE: 0.3902439024390244

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.367816091954023

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.50))

Folder: S001

Train Image: S001-08-t10\_02.ppm

Val Image: S001-07-t10\_01.ppm

Precision SIFT: 0.4666666666666667

Recall SIFT: 0.6363636363636364

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5384615384615384

Precision AKAZE: 0.4444444444444444

Recall AKAZE: 0.4545454545454545

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.449438202247191

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.64))

Folder: S001

Train Image: S001-09-t10\_01.ppm

Val Image: S001-08-t10\_03.ppm

Precision SIFT: 0.4423076923076923

Recall SIFT: 0.5227272727272727

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4791666666666667

Precision AKAZE: 0.4259259259259259

Recall AKAZE: 0.5227272727272727

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4693877551020408

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.52))

Folder: S001

Train Image: S001-09-t10\_01.ppm

Val Image: S001-08-t10\_01.ppm

Precision SIFT: 0.3962264150943396

Recall SIFT: 0.4772727272727273

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4329896907216495

Precision AKAZE: 0.4761904761904762

Recall AKAZE: 0.4545454545454545

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.4651162790697674

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.54))

Folder: S001

Train Image: S001-09-t10\_01.ppm

Val Image: S001-07-t10\_01.ppm

Precision SIFT: 0.5490196078431373

Recall SIFT: 0.509090909090909

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5283018867924528

Precision AKAZE: 0.5357142857142857

Recall AKAZE: 0.5454545454545454

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5405405405405406

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.55))

Folder: S006

Train Image: S006-03-t10\_01.ppm

Val Image: S006-01-t10\_01.ppm

Precision SIFT: 0.4545454545454545

Recall SIFT: 0.4166666666666667

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4347826086956522

Precision AKAZE: 0.4423076923076923

Recall AKAZE: 0.4791666666666667

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.46

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.48))

Folder: S006

Train Image: S006-02-t10\_01.ppm

Val Image: S006-01-t10\_01.ppm

Precision SIFT: 0.4150943396226415

Recall SIFT: 0.4

Accuracy SIFT: 0.36

F1-Score SIFT: 0.4074074074074074

Precision AKAZE: 0.5319148936170213

Recall AKAZE: 0.4545454545454545

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4901960784313725

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.53))

Folder: S013

Train Image: S013-02-t10\_01.ppm

Val Image: S013-01-t10\_01.ppm

Precision SIFT: 0.5384615384615384

Recall SIFT: 0.5833333333333334

Accuracy SIFT: 0.56

F1-Score SIFT: 0.56

Precision AKAZE: 0.4827586206896552

Recall AKAZE: 0.5833333333333334

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5283018867924528

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.58))

Folder: S023

Train Image: S023-04-t10\_01.ppm

Val Image: S023-02-t10\_01.ppm

Precision SIFT: 0.456140350877193

Recall SIFT: 0.5416666666666666

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4952380952380953

Precision AKAZE: 0.5

Recall AKAZE: 0.4791666666666667

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.4893617021276596

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.54))

Folder: S023

Train Image: S023-04-t10\_01.ppm

Val Image: S023-01-t10\_01.ppm

Precision SIFT: 0.627906976744186

Recall SIFT: 0.4354838709677419

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5142857142857142

Precision AKAZE: 0.660377358490566

Recall AKAZE: 0.5645161290322581

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.6086956521739131

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.66))

Folder: S023

Train Image: S023-03-t10\_01.ppm

Val Image: S023-02-t10\_01.ppm

Precision SIFT: 0.4509803921568628

Recall SIFT: 0.5227272727272727

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4842105263157895

Precision AKAZE: 0.4693877551020408

Recall AKAZE: 0.5227272727272727

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.4946236559139785

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.53))

Folder: S023

Train Image: S023-03-t10\_01.ppm

Val Image: S023-01-t10\_01.ppm

Precision SIFT: 0.5370370370370371

Recall SIFT: 0.5918367346938775

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5631067961165048

Precision AKAZE: 0.6511627906976745

Recall AKAZE: 0.5714285714285714

Accuracy AKAZE: 0.64

F1-Score AKAZE: 0.6086956521739131

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.65))

Folder: S029

Train Image: S029-03-t10\_01.ppm

Val Image: S029-02-t10\_01.ppm

Precision SIFT: 0.4375

Recall SIFT: 0.4285714285714285

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4329896907216495

Precision AKAZE: 0.5384615384615384

Recall AKAZE: 0.5714285714285714

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5544554455445545

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.57))

Folder: S029

Train Image: S029-03-t10\_01.ppm

Val Image: S029-01-t10\_01.ppm

Precision SIFT: 0.56

Recall SIFT: 0.5490196078431373

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5544554455445545

Precision AKAZE: 0.4827586206896552

Recall AKAZE: 0.5490196078431373

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.5137614678899083

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.56))

Folder: S022

Train Image: S022-01-t10\_01.ppm

Val Image: S022-02-t10\_01.ppm

Precision SIFT: 0.4509803921568628

Recall SIFT: 0.5

Accuracy SIFT: 0.49

F1-Score SIFT: 0.4742268041237113

Precision AKAZE: 0.42

Recall AKAZE: 0.4565217391304348

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4375

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.50))

Folder: S044

Train Image: S044-07-t10\_01.ppm

Val Image: S044-05-t10\_01.ppm

Precision SIFT: 0.5535714285714286

Recall SIFT: 0.6326530612244898

Accuracy SIFT: 0.57

F1-Score SIFT: 0.5904761904761905

Precision AKAZE: 0.52

Recall AKAZE: 0.5306122448979592

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5252525252525253

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.63))

Folder: S044

Train Image: S044-07-t10\_01.ppm

Val Image: S044-04-t10\_01.ppm

Precision SIFT: 0.4693877551020408

Recall SIFT: 0.4693877551020408

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4693877551020408

Precision AKAZE: 0.5098039215686274

Recall AKAZE: 0.5306122448979592

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.52

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.53))

Folder: S044

Train Image: S044-09-t10\_01.ppm

Val Image: S044-05-t10\_01.ppm

Precision SIFT: 0.3673469387755102

Recall SIFT: 0.375

Accuracy SIFT: 0.39

F1-Score SIFT: 0.3711340206185567

Precision AKAZE: 0.4821428571428572

Recall AKAZE: 0.5625

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5192307692307693

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.56))

Folder: S044

Train Image: S044-09-t10\_01.ppm

Val Image: S044-04-t10\_01.ppm

Precision SIFT: 0.54

Recall SIFT: 0.5294117647058824

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5346534653465347

Precision AKAZE: 0.4883720930232558

Recall AKAZE: 0.4117647058823529

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4468085106382979

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.54))

Folder: S044

Train Image: S044-08-t10\_01.ppm

Val Image: S044-05-t10\_01.ppm

Precision SIFT: 0.5283018867924528

Recall SIFT: 0.5490196078431373

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5384615384615384

Precision AKAZE: 0.5098039215686274

Recall AKAZE: 0.5098039215686274

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5098039215686274

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.55))

Folder: S044

Train Image: S044-08-t10\_01.ppm

Val Image: S044-04-t10\_01.ppm

Precision SIFT: 0.4821428571428572

Recall SIFT: 0.5869565217391305

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5294117647058824

Precision AKAZE: 0.4901960784313725

Recall AKAZE: 0.5434782608695652

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5154639175257731

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.59))

Folder: S044

Train Image: S044-01-t10\_01.ppm

Val Image: S044-05-t10\_01.ppm

Precision SIFT: 0.5263157894736842

Recall SIFT: 0.5769230769230769

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5504587155963303

Precision AKAZE: 0.5961538461538461

Recall AKAZE: 0.5961538461538461

Accuracy AKAZE: 0.58

F1-Score AKAZE: 0.5961538461538461

Best Method (Metrics): AKAZE (AKAZE memiliki F1-Score lebih tinggi (0.60))

Folder: S044

Train Image: S044-01-t10\_01.ppm

Val Image: S044-04-t10\_01.ppm

Precision SIFT: 0.4107142857142857

Recall SIFT: 0.5348837209302325

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4646464646464646

Precision AKAZE: 0.4423076923076923

Recall AKAZE: 0.5348837209302325

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4842105263157895

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.53))

Folder: S044

Train Image: S044-06-t10\_01.ppm

Val Image: S044-05-t10\_01.ppm

Precision SIFT: 0.54

Recall SIFT: 0.5294117647058824

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5346534653465347

Precision AKAZE: 0.5576923076923077

Recall AKAZE: 0.5686274509803921

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5631067961165048

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.57))

Folder: S044

Train Image: S044-06-t10\_01.ppm

Val Image: S044-04-t10\_01.ppm

Precision SIFT: 0.5306122448979592

Recall SIFT: 0.52

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5252525252525253

Precision AKAZE: 0.4893617021276596

Recall AKAZE: 0.46

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4742268041237113

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.53))

Folder: S044

Train Image: S044-03-t10\_01.ppm

Val Image: S044-05-t10\_01.ppm

Precision SIFT: 0.4444444444444444

Recall SIFT: 0.5454545454545454

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4897959183673469

Precision AKAZE: 0.5208333333333334

Recall AKAZE: 0.5681818181818182

Accuracy AKAZE: 0.58

F1-Score AKAZE: 0.5434782608695652

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.58))

Folder: S044

Train Image: S044-03-t10\_01.ppm

Val Image: S044-04-t10\_01.ppm

Precision SIFT: 0.4693877551020408

Recall SIFT: 0.4693877551020408

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4693877551020408

Precision AKAZE: 0.5254237288135594

Recall AKAZE: 0.6326530612244898

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5740740740740741

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.63))

Folder: S044

Train Image: S044-02-t10\_01.ppm

Val Image: S044-05-t10\_01.ppm

Precision SIFT: 0.4615384615384616

Recall SIFT: 0.4705882352941176

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4660194174757282

Precision AKAZE: 0.4339622641509434

Recall AKAZE: 0.4509803921568628

Accuracy AKAZE: 0.42

F1-Score AKAZE: 0.4423076923076923

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.47))

Folder: S044

Train Image: S044-02-t10\_01.ppm

Val Image: S044-04-t10\_01.ppm

Precision SIFT: 0.5740740740740741

Recall SIFT: 0.5535714285714286

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5636363636363636

Precision AKAZE: 0.5

Recall AKAZE: 0.4821428571428572

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.4909090909090909

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.57))

Folder: S032

Train Image: S032-03-t10\_01.ppm

Val Image: S032-01-t10\_01.ppm

Precision SIFT: 0.6964285714285714

Recall SIFT: 0.65

Accuracy SIFT: 0.62

F1-Score SIFT: 0.6724137931034483

Precision AKAZE: 0.5416666666666666

Recall AKAZE: 0.4333333333333333

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.4814814814814815

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.70))

Folder: S032

Train Image: S032-02-t10\_01.ppm

Val Image: S032-01-t10\_01.ppm

Precision SIFT: 0.4375

Recall SIFT: 0.42

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4285714285714285

Precision AKAZE: 0.6037735849056604

Recall AKAZE: 0.64

Accuracy AKAZE: 0.61

F1-Score AKAZE: 0.6213592233009708

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.64))

Folder: S045

Train Image: S045-01-t10\_02.ppm

Val Image: S045-01-t10\_01.ppm

Precision SIFT: 0.5185185185185185

Recall SIFT: 0.5490196078431373

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5333333333333333

Precision AKAZE: 0.4489795918367347

Recall AKAZE: 0.4313725490196079

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.44

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.55))

Folder: S031

Train Image: S031-03-t10\_01.ppm

Val Image: S031-01-t10\_01.ppm

Precision SIFT: 0.4727272727272727

Recall SIFT: 0.5652173913043478

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5148514851485149

Precision AKAZE: 0.4166666666666667

Recall AKAZE: 0.4347826086956522

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.425531914893617

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S031

Train Image: S031-03-t10\_01.ppm

Val Image: S031-02-t10\_01.ppm

Precision SIFT: 0.4791666666666667

Recall SIFT: 0.5111111111111111

Accuracy SIFT: 0.53

F1-Score SIFT: 0.4946236559139785

Precision AKAZE: 0.4583333333333333

Recall AKAZE: 0.4888888888888889

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4731182795698925

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.53))

Folder: S031

Train Image: S031-04-t10\_01.ppm

Val Image: S031-01-t10\_01.ppm

Precision SIFT: 0.5294117647058824

Recall SIFT: 0.5094339622641509

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5192307692307693

Precision AKAZE: 0.6122448979591837

Recall AKAZE: 0.5660377358490566

Accuracy AKAZE: 0.58

F1-Score AKAZE: 0.5882352941176471

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.61))

Folder: S031

Train Image: S031-04-t10\_01.ppm

Val Image: S031-02-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.5306122448979592

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5148514851485149

Precision AKAZE: 0.4615384615384616

Recall AKAZE: 0.4897959183673469

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4752475247524752

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.53))

Folder: S031

Train Image: S031-06-t10\_01.ppm

Val Image: S031-01-t10\_01.ppm

Precision SIFT: 0.5526315789473685

Recall SIFT: 0.4038461538461539

Accuracy SIFT: 0.52

F1-Score SIFT: 0.4666666666666667

Precision AKAZE: 0.4666666666666667

Recall AKAZE: 0.4038461538461539

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4329896907216495

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.55))

Folder: S031

Train Image: S031-06-t10\_01.ppm

Val Image: S031-02-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.5

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5

Precision AKAZE: 0.4814814814814815

Recall AKAZE: 0.5

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4905660377358491

Best Method (Metrics): SIFT (SIFT memiliki F1-Score lebih tinggi (0.50))

Folder: S031

Train Image: S031-05-t10\_01.ppm

Val Image: S031-01-t10\_01.ppm

Precision SIFT: 0.5882352941176471

Recall SIFT: 0.5454545454545454

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5660377358490566

Precision AKAZE: 0.5925925925925926

Recall AKAZE: 0.5818181818181818

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5871559633027523

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.59))

Folder: S031

Train Image: S031-05-t10\_01.ppm

Val Image: S031-02-t10\_01.ppm

Precision SIFT: 0.3653846153846154

Recall SIFT: 0.4871794871794872

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4175824175824176

Precision AKAZE: 0.4782608695652174

Recall AKAZE: 0.5641025641025641

Accuracy AKAZE: 0.59

F1-Score AKAZE: 0.5176470588235295

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.59))

Folder: S030

Train Image: S030-04-t10\_01.ppm

Val Image: S030-03-t10\_01.ppm

Precision SIFT: 0.5306122448979592

Recall SIFT: 0.5777777777777777

Accuracy SIFT: 0.58

F1-Score SIFT: 0.5531914893617021

Precision AKAZE: 0.4259259259259259

Recall AKAZE: 0.5111111111111111

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4646464646464646

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.58))

Folder: S030

Train Image: S030-04-t10\_01.ppm

Val Image: S030-01-t10\_01.ppm

Precision SIFT: 0.4642857142857143

Recall SIFT: 0.5531914893617021

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5048543689320388

Precision AKAZE: 0.425531914893617

Recall AKAZE: 0.425531914893617

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.425531914893617

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.55))

Folder: S030

Train Image: S030-02-t10\_01.ppm

Val Image: S030-03-t10\_01.ppm

Precision SIFT: 0.4888888888888889

Recall SIFT: 0.4489795918367347

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4680851063829787

Precision AKAZE: 0.5454545454545454

Recall AKAZE: 0.4897959183673469

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5161290322580645

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.55))

Folder: S030

Train Image: S030-02-t10\_01.ppm

Val Image: S030-01-t10\_01.ppm

Precision SIFT: 0.5535714285714286

Recall SIFT: 0.6326530612244898

Accuracy SIFT: 0.57

F1-Score SIFT: 0.5904761904761905

Precision AKAZE: 0.4915254237288136

Recall AKAZE: 0.5918367346938775

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5370370370370371

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.63))

Folder: S030

Train Image: S030-05-t10\_01.ppm

Val Image: S030-03-t10\_01.ppm

Precision SIFT: 0.576271186440678

Recall SIFT: 0.5964912280701754

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5862068965517241

Precision AKAZE: 0.559322033898305

Recall AKAZE: 0.5789473684210527

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5689655172413793

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.60))

Folder: S030

Train Image: S030-05-t10\_01.ppm

Val Image: S030-01-t10\_01.ppm

Precision SIFT: 0.4615384615384616

Recall SIFT: 0.3829787234042553

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4186046511627907

Precision AKAZE: 0.4583333333333333

Recall AKAZE: 0.4680851063829787

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4631578947368421

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.50))

Folder: S033

Train Image: S033-01-t10\_01.ppm

Val Image: S033-04-t10\_01.ppm

Precision SIFT: 0.5818181818181818

Recall SIFT: 0.64

Accuracy SIFT: 0.59

F1-Score SIFT: 0.6095238095238096

Precision AKAZE: 0.5208333333333334

Recall AKAZE: 0.5

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5102040816326531

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.64))

Folder: S033

Train Image: S033-03-t10\_01.ppm

Val Image: S033-04-t10\_01.ppm

Precision SIFT: 0.2857142857142857

Recall SIFT: 0.3181818181818182

Accuracy SIFT: 0.35

F1-Score SIFT: 0.3010752688172043

Precision AKAZE: 0.52

Recall AKAZE: 0.5909090909090909

Accuracy AKAZE: 0.58

F1-Score AKAZE: 0.5531914893617021

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.59))

Folder: S033

Train Image: S033-05-t10\_01.ppm

Val Image: S033-04-t10\_01.ppm

Precision SIFT: 0.4754098360655737

Recall SIFT: 0.5686274509803921

Accuracy SIFT: 0.46

F1-Score SIFT: 0.5178571428571429

Precision AKAZE: 0.5

Recall AKAZE: 0.5882352941176471

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5405405405405406

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.59))

Folder: S033

Train Image: S033-06-t10\_01.ppm

Val Image: S033-04-t10\_01.ppm

Precision SIFT: 0.5652173913043478

Recall SIFT: 0.5098039215686274

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5360824742268041

Precision AKAZE: 0.5254237288135594

Recall AKAZE: 0.6078431372549019

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5636363636363636

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.61))

Folder: S033

Train Image: S033-07-t10\_01.ppm

Val Image: S033-04-t10\_01.ppm

Precision SIFT: 0.4583333333333333

Recall SIFT: 0.4782608695652174

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4680851063829787

Precision AKAZE: 0.4642857142857143

Recall AKAZE: 0.5652173913043478

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5098039215686274

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.57))

Folder: S033

Train Image: S033-02-t10\_01.ppm

Val Image: S033-04-t10\_01.ppm

Precision SIFT: 0.4528301886792453

Recall SIFT: 0.4705882352941176

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4615384615384616

Precision AKAZE: 0.54

Recall AKAZE: 0.5294117647058824

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5346534653465347

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.54))

Folder: S036

Train Image: S036-03-t10\_01.ppm

Val Image: S036-01-t10\_01.ppm

Precision SIFT: 0.4693877551020408

Recall SIFT: 0.4791666666666667

Accuracy SIFT: 0.49

F1-Score SIFT: 0.4742268041237113

Precision AKAZE: 0.4150943396226415

Recall AKAZE: 0.4583333333333333

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.4356435643564356

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.49))

Folder: S036

Train Image: S036-02-t10\_01.ppm

Val Image: S036-01-t10\_01.ppm

Precision SIFT: 0.5660377358490566

Recall SIFT: 0.5454545454545454

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5555555555555556

Precision AKAZE: 0.4655172413793103

Recall AKAZE: 0.4909090909090909

Accuracy AKAZE: 0.41

F1-Score AKAZE: 0.4778761061946903

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.57))

Folder: S048

Train Image: S048-07-t10\_01.ppm

Val Image: S048-03-t10\_01.ppm

Precision SIFT: 0.6382978723404256

Recall SIFT: 0.5

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5607476635514018

Precision AKAZE: 0.7037037037037037

Recall AKAZE: 0.6333333333333333

Accuracy AKAZE: 0.62

F1-Score AKAZE: 0.6666666666666666

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.70))

Folder: S048

Train Image: S048-07-t10\_01.ppm

Val Image: S048-05-t10\_01.ppm

Precision SIFT: 0.5555555555555556

Recall SIFT: 0.462962962962963

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5050505050505051

Precision AKAZE: 0.5813953488372093

Recall AKAZE: 0.462962962962963

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5154639175257731

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.58))

Folder: S048

Train Image: S048-02-t10\_01.ppm

Val Image: S048-03-t10\_01.ppm

Precision SIFT: 0.5098039215686274

Recall SIFT: 0.5

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5048543689320388

Precision AKAZE: 0.5111111111111111

Recall AKAZE: 0.4423076923076923

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4742268041237113

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.51))

Folder: S048

Train Image: S048-02-t10\_01.ppm

Val Image: S048-05-t10\_01.ppm

Precision SIFT: 0.6046511627906976

Recall SIFT: 0.456140350877193

Accuracy SIFT: 0.52

F1-Score SIFT: 0.52

Precision AKAZE: 0.6326530612244898

Recall AKAZE: 0.543859649122807

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.5849056603773585

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.63))

Folder: S048

Train Image: S048-04-t10\_01.ppm

Val Image: S048-03-t10\_01.ppm

Precision SIFT: 0.5106382978723404

Recall SIFT: 0.4897959183673469

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5

Precision AKAZE: 0.46

Recall AKAZE: 0.4693877551020408

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4646464646464646

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.52))

Folder: S048

Train Image: S048-04-t10\_01.ppm

Val Image: S048-05-t10\_01.ppm

Precision SIFT: 0.2941176470588235

Recall SIFT: 0.4545454545454545

Accuracy SIFT: 0.46

F1-Score SIFT: 0.3571428571428572

Precision AKAZE: 0.2978723404255319

Recall AKAZE: 0.4242424242424243

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.35

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.48))

Folder: S048

Train Image: S048-06-t10\_01.ppm

Val Image: S048-03-t10\_01.ppm

Precision SIFT: 0.35

Recall SIFT: 0.3181818181818182

Accuracy SIFT: 0.44

F1-Score SIFT: 0.3333333333333333

Precision AKAZE: 0.4385964912280702

Recall AKAZE: 0.5681818181818182

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.495049504950495

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.57))

Folder: S048

Train Image: S048-06-t10\_01.ppm

Val Image: S048-05-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.5490196078431373

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5233644859813084

Precision AKAZE: 0.5098039215686274

Recall AKAZE: 0.5098039215686274

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5098039215686274

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.55))

Folder: S048

Train Image: S048-01-t10\_01.ppm

Val Image: S048-03-t10\_01.ppm

Precision SIFT: 0.4565217391304348

Recall SIFT: 0.4772727272727273

Accuracy SIFT: 0.52

F1-Score SIFT: 0.4666666666666667

Precision AKAZE: 0.42

Recall AKAZE: 0.4772727272727273

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4468085106382979

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.52))

Folder: S048

Train Image: S048-01-t10\_01.ppm

Val Image: S048-05-t10\_01.ppm

Precision SIFT: 0.5510204081632653

Recall SIFT: 0.574468085106383

Accuracy SIFT: 0.58

F1-Score SIFT: 0.5625

Precision AKAZE: 0.4130434782608696

Recall AKAZE: 0.4042553191489361

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4086021505376344

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.58))

Folder: S051

Train Image: S051-02-t10\_01.ppm

Val Image: S051-01-t10\_01.ppm

Precision SIFT: 0.4716981132075472

Recall SIFT: 0.5319148936170213

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5

Precision AKAZE: 0.5384615384615384

Recall AKAZE: 0.5957446808510638

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5656565656565656

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.60))

Folder: S046

Train Image: S046-02-t10\_01.ppm

Val Image: S046-01-t10\_01.ppm

Precision SIFT: 0.6956521739130435

Recall SIFT: 0.6037735849056604

Accuracy SIFT: 0.65

F1-Score SIFT: 0.6464646464646465

Precision AKAZE: 0.5319148936170213

Recall AKAZE: 0.4716981132075472

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.70))

Folder: S068

Train Image: S068-04-t10\_01.ppm

Val Image: S068-01-t10\_01.ppm

Precision SIFT: 0.4444444444444444

Recall SIFT: 0.5217391304347826

Accuracy SIFT: 0.48

F1-Score SIFT: 0.48

Precision AKAZE: 0.4905660377358491

Recall AKAZE: 0.5652173913043478

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5252525252525253

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.57))

Folder: S068

Train Image: S068-04-t10\_01.ppm

Val Image: S068-02-t10\_01.ppm

Precision SIFT: 0.54

Recall SIFT: 0.5094339622641509

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5242718446601942

Precision AKAZE: 0.475

Recall AKAZE: 0.3584905660377358

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4086021505376344

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.54))

Folder: S068

Train Image: S068-04-t10\_01.ppm

Val Image: S068-07-t10\_01.ppm

Precision SIFT: 0.4090909090909091

Recall SIFT: 0.375

Accuracy SIFT: 0.44

F1-Score SIFT: 0.391304347826087

Precision AKAZE: 0.4528301886792453

Recall AKAZE: 0.5

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4752475247524752

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.50))

Folder: S068

Train Image: S068-04-t10\_01.ppm

Val Image: S068-05-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.58

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5370370370370371

Precision AKAZE: 0.6458333333333334

Recall AKAZE: 0.62

Accuracy AKAZE: 0.64

F1-Score AKAZE: 0.6326530612244898

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.65))

Folder: S068

Train Image: S068-06-t10\_01.ppm

Val Image: S068-01-t10\_01.ppm

Precision SIFT: 0.5185185185185185

Recall SIFT: 0.5714285714285714

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5436893203883495

Precision AKAZE: 0.4897959183673469

Recall AKAZE: 0.4897959183673469

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4897959183673469

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S068

Train Image: S068-06-t10\_01.ppm

Val Image: S068-02-t10\_01.ppm

Precision SIFT: 0.4583333333333333

Recall SIFT: 0.44

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4489795918367347

Precision AKAZE: 0.52

Recall AKAZE: 0.52

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.52

Best Method (Metrics): AKAZE (AKAZE memiliki F1-Score lebih tinggi (0.52))

Folder: S068

Train Image: S068-06-t10\_01.ppm

Val Image: S068-07-t10\_01.ppm

Precision SIFT: 0.4888888888888889

Recall SIFT: 0.44

Accuracy SIFT: 0.49

F1-Score SIFT: 0.4631578947368421

Precision AKAZE: 0.3725490196078431

Recall AKAZE: 0.38

Accuracy AKAZE: 0.37

F1-Score AKAZE: 0.3762376237623762

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.49))

Folder: S068

Train Image: S068-06-t10\_01.ppm

Val Image: S068-05-t10\_01.ppm

Precision SIFT: 0.5208333333333334

Recall SIFT: 0.4310344827586207

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4716981132075472

Precision AKAZE: 0.5777777777777777

Recall AKAZE: 0.4482758620689655

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5048543689320388

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.58))

Folder: S068

Train Image: S068-03-t10\_01.ppm

Val Image: S068-01-t10\_01.ppm

Precision SIFT: 0.4117647058823529

Recall SIFT: 0.4772727272727273

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4421052631578947

Precision AKAZE: 0.5102040816326531

Recall AKAZE: 0.5681818181818182

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5376344086021505

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.57))

Folder: S068

Train Image: S068-03-t10\_01.ppm

Val Image: S068-02-t10\_01.ppm

Precision SIFT: 0.6739130434782609

Recall SIFT: 0.5535714285714286

Accuracy SIFT: 0.6

F1-Score SIFT: 0.6078431372549019

Precision AKAZE: 0.6415094339622641

Recall AKAZE: 0.6071428571428571

Accuracy AKAZE: 0.59

F1-Score AKAZE: 0.6238532110091743

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.67))

Folder: S068

Train Image: S068-03-t10\_01.ppm

Val Image: S068-07-t10\_01.ppm

Precision SIFT: 0.4468085106382979

Recall SIFT: 0.4117647058823529

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4285714285714285

Precision AKAZE: 0.4677419354838709

Recall AKAZE: 0.5686274509803921

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.5132743362831859

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.57))

Folder: S068

Train Image: S068-03-t10\_01.ppm

Val Image: S068-05-t10\_01.ppm

Precision SIFT: 0.48

Recall SIFT: 0.5333333333333333

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5052631578947369

Precision AKAZE: 0.3620689655172414

Recall AKAZE: 0.4666666666666667

Accuracy AKAZE: 0.39

F1-Score AKAZE: 0.4077669902912621

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.53))

Folder: S064

Train Image: S064-02-t10\_01.ppm

Val Image: S064-01-t10\_01.ppm

Precision SIFT: 0.4583333333333333

Recall SIFT: 0.4888888888888889

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4731182795698925

Precision AKAZE: 0.4705882352941176

Recall AKAZE: 0.5333333333333333

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.53))

Folder: S059

Train Image: S059-01-t10\_01.ppm

Val Image: S059-01-t10\_02.ppm

Precision SIFT: 0.4615384615384616

Recall SIFT: 0.5333333333333333

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4948453608247423

Precision AKAZE: 0.4680851063829787

Recall AKAZE: 0.4888888888888889

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.4782608695652174

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.53))

Folder: S058

Train Image: S058-01-t10\_01.ppm

Val Image: S058-02-t10\_01.ppm

Precision SIFT: 0.5227272727272727

Recall SIFT: 0.4509803921568628

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4842105263157895

Precision AKAZE: 0.4905660377358491

Recall AKAZE: 0.5098039215686274

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.5

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.52))

Folder: S058

Train Image: S058-03-t10\_01.ppm

Val Image: S058-02-t10\_01.ppm

Precision SIFT: 0.5094339622641509

Recall SIFT: 0.5094339622641509

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5094339622641509

Precision AKAZE: 0.4761904761904762

Recall AKAZE: 0.3773584905660378

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4210526315789473

Best Method (Metrics): SIFT (SIFT memiliki F1-Score lebih tinggi (0.51))

Folder: S052

Train Image: S052-02-t10\_01.ppm

Val Image: S052-03-t10\_01.ppm

Precision SIFT: 0.5333333333333333

Recall SIFT: 0.4897959183673469

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5106382978723404

Precision AKAZE: 0.5106382978723404

Recall AKAZE: 0.4897959183673469

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.54))

Folder: S052

Train Image: S052-02-t10\_01.ppm

Val Image: S052-01-t10\_01.ppm

Precision SIFT: 0.4313725490196079

Recall SIFT: 0.4150943396226415

Accuracy SIFT: 0.4

F1-Score SIFT: 0.4230769230769231

Precision AKAZE: 0.5686274509803921

Recall AKAZE: 0.5471698113207547

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5576923076923077

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.57))

Folder: S076

Train Image: S076-01-t10\_01.ppm

Val Image: S076-02-t10\_01.ppm

Precision SIFT: 0.5652173913043478

Recall SIFT: 0.4482758620689655

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5

Precision AKAZE: 0.5370370370370371

Recall AKAZE: 0.5

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.5178571428571429

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.57))

Folder: S054

Train Image: S054-03-t10\_01.ppm

Val Image: S054-01-t10\_01.ppm

Precision SIFT: 0.5576923076923077

Recall SIFT: 0.5686274509803921

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5631067961165048

Precision AKAZE: 0.515625

Recall AKAZE: 0.6470588235294118

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5739130434782609

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.65))

Folder: S054

Train Image: S054-02-t10\_01.ppm

Val Image: S054-01-t10\_01.ppm

Precision SIFT: 0.4444444444444444

Recall SIFT: 0.4166666666666667

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4301075268817204

Precision AKAZE: 0.5106382978723404

Recall AKAZE: 0.5

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5052631578947369

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.53))

Folder: S065

Train Image: S065-02-t10\_01.ppm

Val Image: S065-01-t10\_01.ppm

Precision SIFT: 0.5384615384615384

Recall SIFT: 0.5490196078431373

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5436893203883495

Precision AKAZE: 0.4482758620689655

Recall AKAZE: 0.5098039215686274

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.4770642201834863

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.55))

Folder: S073

Train Image: S073-01-t10\_02.ppm

Val Image: S073-01-t10\_01.ppm

Precision SIFT: 0.4680851063829787

Recall SIFT: 0.5

Accuracy SIFT: 0.53

F1-Score SIFT: 0.4835164835164835

Precision AKAZE: 0.5

Recall AKAZE: 0.6363636363636364

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.56

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.64))

Folder: S069

Train Image: S069-02-t10\_01.ppm

Val Image: S069-01-t10\_01.ppm

Precision SIFT: 0.4523809523809524

Recall SIFT: 0.4130434782608696

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4318181818181818

Precision AKAZE: 0.509090909090909

Recall AKAZE: 0.6086956521739131

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5544554455445545

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.61))

Folder: S108

Train Image: S108-04-t10\_01.ppm

Val Image: S108-02-t10\_01.ppm

Precision SIFT: 0.4583333333333333

Recall SIFT: 0.4888888888888889

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4731182795698925

Precision AKAZE: 0.4716981132075472

Recall AKAZE: 0.5555555555555556

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5102040816326531

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.56))

Folder: S108

Train Image: S108-01-t10\_01.ppm

Val Image: S108-02-t10\_01.ppm

Precision SIFT: 0.4583333333333333

Recall SIFT: 0.44

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4489795918367347

Precision AKAZE: 0.456140350877193

Recall AKAZE: 0.52

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.485981308411215

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.52))

Folder: S108

Train Image: S108-03-t10\_01.ppm

Val Image: S108-02-t10\_01.ppm

Precision SIFT: 0.5227272727272727

Recall SIFT: 0.4791666666666667

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5

Precision AKAZE: 0.4893617021276596

Recall AKAZE: 0.4791666666666667

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4842105263157895

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.54))

Folder: S078

Train Image: S078-02-t10\_02.ppm

Val Image: S078-01-t10\_01.ppm

Precision SIFT: 0.5294117647058824

Recall SIFT: 0.5510204081632653

Accuracy SIFT: 0.54

F1-Score SIFT: 0.54

Precision AKAZE: 0.5925925925925926

Recall AKAZE: 0.6530612244897959

Accuracy AKAZE: 0.61

F1-Score AKAZE: 0.6213592233009708

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.65))

Folder: S078

Train Image: S078-02-t10\_02.ppm

Val Image: S078-02-t10\_01.ppm

Precision SIFT: 0.4222222222222222

Recall SIFT: 0.3725490196078431

Accuracy SIFT: 0.42

F1-Score SIFT: 0.3958333333333333

Precision AKAZE: 0.5

Recall AKAZE: 0.4313725490196079

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4631578947368421

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.50))

Folder: S078

Train Image: S078-03-t10\_01.ppm

Val Image: S078-01-t10\_01.ppm

Precision SIFT: 0.4888888888888889

Recall SIFT: 0.4782608695652174

Accuracy SIFT: 0.53

F1-Score SIFT: 0.4835164835164835

Precision AKAZE: 0.3958333333333333

Recall AKAZE: 0.4130434782608696

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.4042553191489361

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.53))

Folder: S078

Train Image: S078-03-t10\_01.ppm

Val Image: S078-02-t10\_01.ppm

Precision SIFT: 0.4375

Recall SIFT: 0.4468085106382979

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4421052631578947

Precision AKAZE: 0.425531914893617

Recall AKAZE: 0.425531914893617

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.425531914893617

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.47))

Folder: S078

Train Image: S078-04-t10\_01.ppm

Val Image: S078-01-t10\_01.ppm

Precision SIFT: 0.4727272727272727

Recall SIFT: 0.52

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4952380952380953

Precision AKAZE: 0.5740740740740741

Recall AKAZE: 0.62

Accuracy AKAZE: 0.58

F1-Score AKAZE: 0.5961538461538461

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.62))

Folder: S078

Train Image: S078-04-t10\_01.ppm

Val Image: S078-02-t10\_01.ppm

Precision SIFT: 0.4523809523809524

Recall SIFT: 0.4222222222222222

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4367816091954023

Precision AKAZE: 0.6097560975609756

Recall AKAZE: 0.5555555555555556

Accuracy AKAZE: 0.64

F1-Score AKAZE: 0.5813953488372093

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.64))

Folder: S098

Train Image: S098-02-t10\_01.ppm

Val Image: S098-01-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.5490196078431373

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5233644859813084

Precision AKAZE: 0.425531914893617

Recall AKAZE: 0.392156862745098

Accuracy AKAZE: 0.42

F1-Score AKAZE: 0.4081632653061225

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.55))

Folder: S095

Train Image: S095-02-t10\_01.ppm

Val Image: S095-01-t10\_01.ppm

Precision SIFT: 0.3877551020408163

Recall SIFT: 0.4523809523809524

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4175824175824176

Precision AKAZE: 0.4

Recall AKAZE: 0.4761904761904762

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4347826086956522

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.48))

Folder: S096

Train Image: S096-01-t10\_01.ppm

Val Image: S096-02-t10\_01.ppm

Precision SIFT: 0.5370370370370371

Recall SIFT: 0.58

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5576923076923077

Precision AKAZE: 0.5128205128205128

Recall AKAZE: 0.4

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.449438202247191

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.58))

Folder: S093

Train Image: S093-01-t10\_01.ppm

Val Image: S093-02-t10\_01.ppm

Precision SIFT: 0.5660377358490566

Recall SIFT: 0.5769230769230769

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5714285714285714

Precision AKAZE: 0.5510204081632653

Recall AKAZE: 0.5192307692307693

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5346534653465347

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.58))

Folder: S101

Train Image: S101-02-t10\_01.ppm

Val Image: S101-01-t10\_01.ppm

Precision SIFT: 0.5769230769230769

Recall SIFT: 0.5357142857142857

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5555555555555556

Precision AKAZE: 0.5471698113207547

Recall AKAZE: 0.5178571428571429

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5321100917431193

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.58))

Folder: S088

Train Image: S088-02-t10\_01.ppm

Val Image: S088-01-t10\_01.ppm

Precision SIFT: 0.4807692307692308

Recall SIFT: 0.5813953488372093

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5263157894736842

Precision AKAZE: 0.42

Recall AKAZE: 0.4883720930232558

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4516129032258064

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.58))

Folder: S099

Train Image: S099-02-t10\_01.ppm

Val Image: S099-01-t10\_01.ppm

Precision SIFT: 0.5217391304347826

Recall SIFT: 0.5454545454545454

Accuracy SIFT: 0.58

F1-Score SIFT: 0.5333333333333333

Precision AKAZE: 0.4385964912280702

Recall AKAZE: 0.5681818181818182

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.495049504950495

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.58))

Folder: S099

Train Image: S099-02-t10\_01.ppm

Val Image: S099-03-t10\_01.ppm

Precision SIFT: 0.4893617021276596

Recall SIFT: 0.4259259259259259

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4554455445544555

Precision AKAZE: 0.576271186440678

Recall AKAZE: 0.6296296296296297

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.6017699115044248

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.63))

Folder: S085

Train Image: S085-01-t10\_01.ppm

Val Image: S085-01-t10\_03.ppm

Precision SIFT: 0.52

Recall SIFT: 0.5652173913043478

Accuracy SIFT: 0.56

F1-Score SIFT: 0.5416666666666666

Precision AKAZE: 0.5098039215686274

Recall AKAZE: 0.5652173913043478

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5360824742268041

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S085

Train Image: S085-01-t10\_02.ppm

Val Image: S085-01-t10\_03.ppm

Precision SIFT: 0.6590909090909091

Recall SIFT: 0.5272727272727272

Accuracy SIFT: 0.59

F1-Score SIFT: 0.5858585858585859

Precision AKAZE: 0.5932203389830508

Recall AKAZE: 0.6363636363636364

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.6140350877192983

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.66))

Folder: S133

Train Image: S133-03-t10\_01.ppm

Val Image: S133-01-t10\_01.ppm

Precision SIFT: 0.4107142857142857

Recall SIFT: 0.4893617021276596

Accuracy SIFT: 0.43

F1-Score SIFT: 0.4466019417475728

Precision AKAZE: 0.5306122448979592

Recall AKAZE: 0.5531914893617021

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.5416666666666666

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.56))

Folder: S133

Train Image: S133-02-t10\_01.ppm

Val Image: S133-01-t10\_01.ppm

Precision SIFT: 0.5294117647058824

Recall SIFT: 0.5510204081632653

Accuracy SIFT: 0.54

F1-Score SIFT: 0.54

Precision AKAZE: 0.3958333333333333

Recall AKAZE: 0.3877551020408163

Accuracy AKAZE: 0.41

F1-Score AKAZE: 0.3917525773195876

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.55))

Folder: S118

Train Image: S118-01-t10\_01.ppm

Val Image: S118-03-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.3584905660377358

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4175824175824176

Precision AKAZE: 0.5555555555555556

Recall AKAZE: 0.5660377358490566

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5607476635514018

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.57))

Folder: S118

Train Image: S118-02-t10\_01.ppm

Val Image: S118-03-t10\_01.ppm

Precision SIFT: 0.459016393442623

Recall SIFT: 0.5714285714285714

Accuracy SIFT: 0.46

F1-Score SIFT: 0.509090909090909

Precision AKAZE: 0.5490196078431373

Recall AKAZE: 0.5714285714285714

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.56

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S120

Train Image: S120-01-t10\_02.ppm

Val Image: S120-01-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.48

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4897959183673469

Precision AKAZE: 0.4347826086956522

Recall AKAZE: 0.4

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.4166666666666667

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.50))

Folder: S132

Train Image: S132-01-t10\_01.ppm

Val Image: S132-02-t10\_01.ppm

Precision SIFT: 0.5490196078431373

Recall SIFT: 0.5283018867924528

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5384615384615384

Precision AKAZE: 0.4230769230769231

Recall AKAZE: 0.4150943396226415

Accuracy AKAZE: 0.39

F1-Score AKAZE: 0.4190476190476191

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.55))

Folder: S111

Train Image: S111-05-t10\_01.ppm

Val Image: S111-03-t10\_01.ppm

Precision SIFT: 0.5490196078431373

Recall SIFT: 0.4666666666666667

Accuracy SIFT: 0.45

F1-Score SIFT: 0.5045045045045045

Precision AKAZE: 0.5714285714285714

Recall AKAZE: 0.4666666666666667

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.5137614678899083

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.57))

Folder: S111

Train Image: S111-01-t10\_01.ppm

Val Image: S111-03-t10\_01.ppm

Precision SIFT: 0.42

Recall SIFT: 0.4375

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4285714285714285

Precision AKAZE: 0.5

Recall AKAZE: 0.4791666666666667

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.4893617021276596

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.52))

Folder: S111

Train Image: S111-04-t10\_01.ppm

Val Image: S111-03-t10\_01.ppm

Precision SIFT: 0.4615384615384616

Recall SIFT: 0.5454545454545454

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5

Precision AKAZE: 0.3777777777777778

Recall AKAZE: 0.3863636363636364

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.3820224719101123

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.55))

Folder: S111

Train Image: S111-02-t10\_01.ppm

Val Image: S111-03-t10\_01.ppm

Precision SIFT: 0.4468085106382979

Recall SIFT: 0.42

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4329896907216495

Precision AKAZE: 0.4807692307692308

Recall AKAZE: 0.5

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4901960784313725

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.50))

Folder: S124

Train Image: S124-02-t10\_01.ppm

Val Image: S124-01-t10\_01.ppm

Precision SIFT: 0.5714285714285714

Recall SIFT: 0.4528301886792453

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5052631578947369

Precision AKAZE: 0.5081967213114754

Recall AKAZE: 0.5849056603773585

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.543859649122807

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.58))

Folder: S130

Train Image: S130-02-t10\_01.ppm

Val Image: S130-01-t10\_01.ppm

Precision SIFT: 0.4230769230769231

Recall SIFT: 0.4313725490196079

Accuracy SIFT: 0.41

F1-Score SIFT: 0.4271844660194175

Precision AKAZE: 0.54

Recall AKAZE: 0.5294117647058824

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5346534653465347

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.54))

Folder: S134

Train Image: S134-02-t10\_01.ppm

Val Image: S134-04-t10\_01.ppm

Precision SIFT: 0.3333333333333333

Recall SIFT: 0.3809523809523809

Accuracy SIFT: 0.42

F1-Score SIFT: 0.3555555555555556

Precision AKAZE: 0.3584905660377358

Recall AKAZE: 0.4523809523809524

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.4

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.45))

Folder: S134

Train Image: S134-02-t10\_01.ppm

Val Image: S134-06-t10\_01.ppm

Precision SIFT: 0.3829787234042553

Recall SIFT: 0.3829787234042553

Accuracy SIFT: 0.42

F1-Score SIFT: 0.3829787234042553

Precision AKAZE: 0.4313725490196079

Recall AKAZE: 0.4680851063829787

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4489795918367347

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.47))

Folder: S134

Train Image: S134-02-t10\_01.ppm

Val Image: S134-03-t10\_01.ppm

Precision SIFT: 0.4230769230769231

Recall SIFT: 0.5238095238095238

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4680851063829787

Precision AKAZE: 0.4285714285714285

Recall AKAZE: 0.5

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4615384615384616

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.52))

Folder: S134

Train Image: S134-05-t10\_01.ppm

Val Image: S134-04-t10\_01.ppm

Precision SIFT: 0.4081632653061225

Recall SIFT: 0.4651162790697674

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4347826086956522

Precision AKAZE: 0.4042553191489361

Recall AKAZE: 0.4418604651162791

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4222222222222222

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.48))

Folder: S134

Train Image: S134-05-t10\_01.ppm

Val Image: S134-06-t10\_01.ppm

Precision SIFT: 0.4615384615384616

Recall SIFT: 0.48

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4705882352941176

Precision AKAZE: 0.5217391304347826

Recall AKAZE: 0.48

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.52))

Folder: S134

Train Image: S134-05-t10\_01.ppm

Val Image: S134-03-t10\_01.ppm

Precision SIFT: 0.4782608695652174

Recall SIFT: 0.4583333333333333

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4680851063829787

Precision AKAZE: 0.5

Recall AKAZE: 0.5208333333333334

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5102040816326531

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.52))

Folder: S134

Train Image: S134-07-t10\_01.ppm

Val Image: S134-04-t10\_01.ppm

Precision SIFT: 0.5510204081632653

Recall SIFT: 0.4821428571428572

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5142857142857142

Precision AKAZE: 0.5

Recall AKAZE: 0.4464285714285715

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.4716981132075472

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.55))

Folder: S134

Train Image: S134-07-t10\_01.ppm

Val Image: S134-06-t10\_01.ppm

Precision SIFT: 0.4888888888888889

Recall SIFT: 0.44

Accuracy SIFT: 0.49

F1-Score SIFT: 0.4631578947368421

Precision AKAZE: 0.5576923076923077

Recall AKAZE: 0.58

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.5686274509803921

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.58))

Folder: S134

Train Image: S134-07-t10\_01.ppm

Val Image: S134-03-t10\_01.ppm

Precision SIFT: 0.4

Recall SIFT: 0.4

Accuracy SIFT: 0.4

F1-Score SIFT: 0.4

Precision AKAZE: 0.4888888888888889

Recall AKAZE: 0.44

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4631578947368421

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.49))

Folder: S134

Train Image: S134-01-t10\_01.ppm

Val Image: S134-04-t10\_01.ppm

Precision SIFT: 0.46

Recall SIFT: 0.5476190476190477

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5

Precision AKAZE: 0.3396226415094339

Recall AKAZE: 0.4285714285714285

Accuracy AKAZE: 0.41

F1-Score AKAZE: 0.3789473684210526

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.55))

Folder: S134

Train Image: S134-01-t10\_01.ppm

Val Image: S134-06-t10\_01.ppm

Precision SIFT: 0.5833333333333334

Recall SIFT: 0.5185185185185185

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5490196078431373

Precision AKAZE: 0.5490196078431373

Recall AKAZE: 0.5185185185185185

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5333333333333333

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.58))

Folder: S134

Train Image: S134-01-t10\_01.ppm

Val Image: S134-03-t10\_01.ppm

Precision SIFT: 0.5102040816326531

Recall SIFT: 0.4464285714285715

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4761904761904762

Precision AKAZE: 0.5102040816326531

Recall AKAZE: 0.4464285714285715

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4761904761904762

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.51))

Folder: S134

Train Image: S134-08-t10\_01.ppm

Val Image: S134-04-t10\_01.ppm

Precision SIFT: 0.4489795918367347

Recall SIFT: 0.4230769230769231

Accuracy SIFT: 0.43

F1-Score SIFT: 0.4356435643564356

Precision AKAZE: 0.4883720930232558

Recall AKAZE: 0.4038461538461539

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4421052631578947

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.49))

Folder: S134

Train Image: S134-08-t10\_01.ppm

Val Image: S134-06-t10\_01.ppm

Precision SIFT: 0.3877551020408163

Recall SIFT: 0.4418604651162791

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4130434782608696

Precision AKAZE: 0.4117647058823529

Recall AKAZE: 0.4883720930232558

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4468085106382979

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.49))

Folder: S134

Train Image: S134-08-t10\_01.ppm

Val Image: S134-03-t10\_01.ppm

Precision SIFT: 0.4186046511627907

Recall SIFT: 0.4

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4090909090909091

Precision AKAZE: 0.4464285714285715

Recall AKAZE: 0.5555555555555556

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.495049504950495

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.56))

Folder: S117

Train Image: S117-02-t10\_01.ppm

Val Image: S117-01-t10\_01.ppm

Precision SIFT: 0.5238095238095238

Recall SIFT: 0.4489795918367347

Accuracy SIFT: 0.53

F1-Score SIFT: 0.4835164835164835

Precision AKAZE: 0.3928571428571428

Recall AKAZE: 0.4489795918367347

Accuracy AKAZE: 0.39

F1-Score AKAZE: 0.4190476190476191

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.53))

Folder: S112

Train Image: S112-02-t10\_01.ppm

Val Image: S112-01-t10\_01.ppm

Precision SIFT: 0.5818181818181818

Recall SIFT: 0.6037735849056604

Accuracy SIFT: 0.56

F1-Score SIFT: 0.5925925925925926

Precision AKAZE: 0.5333333333333333

Recall AKAZE: 0.4528301886792453

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4897959183673469

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.60))

Folder: S166

Train Image: S166-02-t10\_02.ppm

Val Image: S166-01-t10\_01.ppm

Precision SIFT: 0.4259259259259259

Recall SIFT: 0.5348837209302325

Accuracy SIFT: 0.49

F1-Score SIFT: 0.4742268041237113

Precision AKAZE: 0.4761904761904762

Recall AKAZE: 0.4651162790697674

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.4705882352941176

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.55))

Folder: S166

Train Image: S166-02-t10\_01.ppm

Val Image: S166-01-t10\_01.ppm

Precision SIFT: 0.3518518518518519

Recall SIFT: 0.475

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4042553191489361

Precision AKAZE: 0.3571428571428572

Recall AKAZE: 0.5

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.4166666666666667

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.50))

Folder: S148

Train Image: S148-02-t10\_01.ppm

Val Image: S148-01-t10\_01.ppm

Precision SIFT: 0.6538461538461539

Recall SIFT: 0.5862068965517241

Accuracy SIFT: 0.58

F1-Score SIFT: 0.6181818181818182

Precision AKAZE: 0.6410256410256411

Recall AKAZE: 0.4310344827586207

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5154639175257731

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.65))

Folder: S148

Train Image: S148-04-t10\_01.ppm

Val Image: S148-01-t10\_01.ppm

Precision SIFT: 0.4285714285714285

Recall SIFT: 0.3962264150943396

Accuracy SIFT: 0.4

F1-Score SIFT: 0.4117647058823529

Precision AKAZE: 0.4807692307692308

Recall AKAZE: 0.4716981132075472

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4761904761904762

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.48))

Folder: S148

Train Image: S148-03-t10\_01.ppm

Val Image: S148-01-t10\_01.ppm

Precision SIFT: 0.58

Recall SIFT: 0.58

Accuracy SIFT: 0.58

F1-Score SIFT: 0.58

Precision AKAZE: 0.4693877551020408

Recall AKAZE: 0.46

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4646464646464646

Best Method (Metrics): SIFT (SIFT memiliki F1-Score lebih tinggi (0.58))

Folder: S164

Train Image: S164-02-t10\_02.ppm

Val Image: S164-01-t10\_01.ppm

Precision SIFT: 0.3846153846153846

Recall SIFT: 0.4761904761904762

Accuracy SIFT: 0.46

F1-Score SIFT: 0.425531914893617

Precision AKAZE: 0.4883720930232558

Recall AKAZE: 0.5

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.4941176470588236

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.57))

Folder: S164

Train Image: S164-02-t10\_01.ppm

Val Image: S164-01-t10\_01.ppm

Precision SIFT: 0.4705882352941176

Recall SIFT: 0.4897959183673469

Accuracy SIFT: 0.48

F1-Score SIFT: 0.48

Precision AKAZE: 0.423728813559322

Recall AKAZE: 0.5102040816326531

Accuracy AKAZE: 0.42

F1-Score AKAZE: 0.462962962962963

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.51))

Folder: S150

Train Image: S150-01-t10\_01.ppm

Val Image: S150-02-t10\_01.ppm

Precision SIFT: 0.5098039215686274

Recall SIFT: 0.4905660377358491

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5

Precision AKAZE: 0.5555555555555556

Recall AKAZE: 0.4716981132075472

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5102040816326531

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.56))

Folder: S146

Train Image: S146-02-t10\_01.ppm

Val Image: S146-01-t10\_01.ppm

Precision SIFT: 0.4888888888888889

Recall SIFT: 0.4583333333333333

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4731182795698925

Precision AKAZE: 0.5098039215686274

Recall AKAZE: 0.5416666666666666

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5252525252525253

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.54))

Folder: S145

Train Image: S145-01-t10\_02.ppm

Val Image: S145-01-t10\_01.ppm

Precision SIFT: 0.475

Recall SIFT: 0.3518518518518519

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4042553191489361

Precision AKAZE: 0.5384615384615384

Recall AKAZE: 0.5185185185185185

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5283018867924528

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.54))

Folder: S138

Train Image: S138-02-t10\_01.ppm

Val Image: S138-01-t10\_01.ppm

Precision SIFT: 0.5882352941176471

Recall SIFT: 0.5882352941176471

Accuracy SIFT: 0.58

F1-Score SIFT: 0.5882352941176471

Precision AKAZE: 0.5185185185185185

Recall AKAZE: 0.5490196078431373

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5333333333333333

Best Method (Metrics): SIFT (SIFT memiliki F1-Score lebih tinggi (0.59))

Folder: S163

Train Image: S163-02-t10\_01.ppm

Val Image: S163-01-t10\_01.ppm

Precision SIFT: 0.574468085106383

Recall SIFT: 0.54

Accuracy SIFT: 0.57

F1-Score SIFT: 0.5567010309278351

Precision AKAZE: 0.4905660377358491

Recall AKAZE: 0.52

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5048543689320388

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.57))

Folder: S142

Train Image: S142-05-t10\_01.ppm

Val Image: S142-01-t10\_01.ppm

Precision SIFT: 0.5357142857142857

Recall SIFT: 0.5882352941176471

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5607476635514018

Precision AKAZE: 0.5370370370370371

Recall AKAZE: 0.5686274509803921

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5523809523809524

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.59))

Folder: S142

Train Image: S142-05-t10\_01.ppm

Val Image: S142-06-t10\_01.ppm

Precision SIFT: 0.375

Recall SIFT: 0.3461538461538461

Accuracy SIFT: 0.36

F1-Score SIFT: 0.36

Precision AKAZE: 0.6136363636363636

Recall AKAZE: 0.5192307692307693

Accuracy AKAZE: 0.58

F1-Score AKAZE: 0.5625

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.61))

Folder: S142

Train Image: S142-05-t10\_01.ppm

Val Image: S142-03-t10\_01.ppm

Precision SIFT: 0.6326530612244898

Recall SIFT: 0.5344827586206896

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5794392523364486

Precision AKAZE: 0.5957446808510638

Recall AKAZE: 0.4827586206896552

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5333333333333333

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.63))

Folder: S142

Train Image: S142-05-t10\_01.ppm

Val Image: S142-02-t10\_01.ppm

Precision SIFT: 0.4705882352941176

Recall SIFT: 0.5714285714285714

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5161290322580645

Precision AKAZE: 0.3636363636363636

Recall AKAZE: 0.3809523809523809

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.3720930232558139

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S142

Train Image: S142-04-t10\_01.ppm

Val Image: S142-01-t10\_01.ppm

Precision SIFT: 0.4897959183673469

Recall SIFT: 0.5333333333333333

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5106382978723404

Precision AKAZE: 0.5416666666666666

Recall AKAZE: 0.5777777777777777

Accuracy AKAZE: 0.59

F1-Score AKAZE: 0.5591397849462365

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.59))

Folder: S142

Train Image: S142-04-t10\_01.ppm

Val Image: S142-06-t10\_01.ppm

Precision SIFT: 0.4444444444444444

Recall SIFT: 0.5

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4705882352941176

Precision AKAZE: 0.4313725490196079

Recall AKAZE: 0.4583333333333333

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4444444444444444

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.50))

Folder: S142

Train Image: S142-04-t10\_01.ppm

Val Image: S142-03-t10\_01.ppm

Precision SIFT: 0.4090909090909091

Recall SIFT: 0.3829787234042553

Accuracy SIFT: 0.45

F1-Score SIFT: 0.3956043956043956

Precision AKAZE: 0.4150943396226415

Recall AKAZE: 0.4680851063829787

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.44

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.47))

Folder: S142

Train Image: S142-04-t10\_01.ppm

Val Image: S142-02-t10\_01.ppm

Precision SIFT: 0.3829787234042553

Recall SIFT: 0.4

Accuracy SIFT: 0.44

F1-Score SIFT: 0.391304347826087

Precision AKAZE: 0.4821428571428572

Recall AKAZE: 0.6

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5346534653465347

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.60))

Folder: S142

Train Image: S142-07-t10\_01.ppm

Val Image: S142-01-t10\_01.ppm

Precision SIFT: 0.48

Recall SIFT: 0.4705882352941176

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4752475247524752

Precision AKAZE: 0.4651162790697674

Recall AKAZE: 0.392156862745098

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.425531914893617

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.48))

Folder: S142

Train Image: S142-07-t10\_01.ppm

Val Image: S142-06-t10\_01.ppm

Precision SIFT: 0.3469387755102041

Recall SIFT: 0.4358974358974359

Accuracy SIFT: 0.46

F1-Score SIFT: 0.3863636363636364

Precision AKAZE: 0.3777777777777778

Recall AKAZE: 0.4358974358974359

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4047619047619048

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.50))

Folder: S142

Train Image: S142-07-t10\_01.ppm

Val Image: S142-03-t10\_01.ppm

Precision SIFT: 0.4918032786885246

Recall SIFT: 0.625

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5504587155963303

Precision AKAZE: 0.5306122448979592

Recall AKAZE: 0.5416666666666666

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5360824742268041

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.62))

Folder: S142

Train Image: S142-07-t10\_01.ppm

Val Image: S142-02-t10\_01.ppm

Precision SIFT: 0.5769230769230769

Recall SIFT: 0.4838709677419355

Accuracy SIFT: 0.46

F1-Score SIFT: 0.5263157894736842

Precision AKAZE: 0.6730769230769231

Recall AKAZE: 0.5645161290322581

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.6140350877192983

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.67))

Folder: S153

Train Image: S153-01-t10\_01.ppm

Val Image: S153-02-t10\_01.ppm

Precision SIFT: 0.4677419354838709

Recall SIFT: 0.7073170731707317

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5631067961165048

Precision AKAZE: 0.3695652173913043

Recall AKAZE: 0.4146341463414634

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.3908045977011494

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.71))

Folder: S180

Train Image: S180-01-t10\_02.ppm

Val Image: S180-01-t10\_01.ppm

Precision SIFT: 0.4444444444444444

Recall SIFT: 0.5581395348837209

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4948453608247423

Precision AKAZE: 0.4285714285714285

Recall AKAZE: 0.5581395348837209

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4848484848484849

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.56))

Folder: S191

Train Image: S191-01-t10\_01.ppm

Val Image: S191-02-t10\_01.ppm

Precision SIFT: 0.543859649122807

Recall SIFT: 0.5961538461538461

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5688073394495413

Precision AKAZE: 0.5192307692307693

Recall AKAZE: 0.5192307692307693

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5192307692307693

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.60))

Folder: S190

Train Image: S190-01-t10\_01.ppm

Val Image: S190-02-t10\_01.ppm

Precision SIFT: 0.4130434782608696

Recall SIFT: 0.4222222222222222

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4175824175824176

Precision AKAZE: 0.4285714285714285

Recall AKAZE: 0.5333333333333333

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4752475247524752

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.53))

Folder: S190

Train Image: S190-01-t10\_01.ppm

Val Image: S190-03-t10\_01.ppm

Precision SIFT: 0.5319148936170213

Recall SIFT: 0.4716981132075472

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5

Precision AKAZE: 0.5102040816326531

Recall AKAZE: 0.4716981132075472

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4901960784313725

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.53))

Folder: S173

Train Image: S173-02-t10\_01.ppm

Val Image: S173-01-t10\_01.ppm

Precision SIFT: 0.5178571428571429

Recall SIFT: 0.6041666666666666

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5576923076923077

Precision AKAZE: 0.4827586206896552

Recall AKAZE: 0.5833333333333334

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5283018867924528

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.60))

Folder: S171

Train Image: S171-05-t10\_01.ppm

Val Image: S171-01-t10\_01.ppm

Precision SIFT: 0.5614035087719298

Recall SIFT: 0.5925925925925926

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5765765765765766

Precision AKAZE: 0.5576923076923077

Recall AKAZE: 0.5370370370370371

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5471698113207547

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.59))

Folder: S171

Train Image: S171-07-t10\_01.ppm

Val Image: S171-01-t10\_01.ppm

Precision SIFT: 0.5185185185185185

Recall SIFT: 0.5957446808510638

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5544554455445545

Precision AKAZE: 0.4047619047619048

Recall AKAZE: 0.3617021276595745

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.3820224719101123

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.60))

Folder: S171

Train Image: S171-04-t10\_01.ppm

Val Image: S171-01-t10\_01.ppm

Precision SIFT: 0.3333333333333333

Recall SIFT: 0.2978723404255319

Accuracy SIFT: 0.39

F1-Score SIFT: 0.3146067415730337

Precision AKAZE: 0.4107142857142857

Recall AKAZE: 0.4893617021276596

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.4466019417475728

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.49))

Folder: S171

Train Image: S171-08-t10\_01.ppm

Val Image: S171-01-t10\_01.ppm

Precision SIFT: 0.5625

Recall SIFT: 0.5

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5294117647058824

Precision AKAZE: 0.5833333333333334

Recall AKAZE: 0.5185185185185185

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5490196078431373

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.58))

Folder: S171

Train Image: S171-06-t10\_01.ppm

Val Image: S171-01-t10\_01.ppm

Precision SIFT: 0.5652173913043478

Recall SIFT: 0.4905660377358491

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5252525252525253

Precision AKAZE: 0.4222222222222222

Recall AKAZE: 0.3584905660377358

Accuracy AKAZE: 0.4

F1-Score AKAZE: 0.3877551020408163

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.57))

Folder: S171

Train Image: S171-02-t10\_01.ppm

Val Image: S171-01-t10\_01.ppm

Precision SIFT: 0.462962962962963

Recall SIFT: 0.5681818181818182

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5102040816326531

Precision AKAZE: 0.4727272727272727

Recall AKAZE: 0.5909090909090909

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5252525252525253

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.59))

Folder: S171

Train Image: S171-03-t10\_01.ppm

Val Image: S171-01-t10\_01.ppm

Precision SIFT: 0.4468085106382979

Recall SIFT: 0.4883720930232558

Accuracy SIFT: 0.52

F1-Score SIFT: 0.4666666666666667

Precision AKAZE: 0.4716981132075472

Recall AKAZE: 0.5813953488372093

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5208333333333334

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.58))

Folder: S194

Train Image: S194-02-t10\_01.ppm

Val Image: S194-01-t10\_01.ppm

Precision SIFT: 0.4901960784313725

Recall SIFT: 0.5

Accuracy SIFT: 0.49

F1-Score SIFT: 0.495049504950495

Precision AKAZE: 0.5111111111111111

Recall AKAZE: 0.46

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4842105263157895

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.51))

Folder: S182

Train Image: S182-02-t10\_01.ppm

Val Image: S182-01-t10\_01.ppm

Precision SIFT: 0.4807692307692308

Recall SIFT: 0.5319148936170213

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5050505050505051

Precision AKAZE: 0.5

Recall AKAZE: 0.574468085106383

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5346534653465347

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.57))

Folder: S182

Train Image: S182-02-t10\_02.ppm

Val Image: S182-01-t10\_01.ppm

Precision SIFT: 0.5510204081632653

Recall SIFT: 0.4821428571428572

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5142857142857142

Precision AKAZE: 0.5306122448979592

Recall AKAZE: 0.4642857142857143

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4952380952380953

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.55))

Folder: S185

Train Image: S185-01-t10\_01.ppm

Val Image: S185-04-t10\_01.ppm

Precision SIFT: 0.4827586206896552

Recall SIFT: 0.5833333333333334

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5283018867924528

Precision AKAZE: 0.4545454545454545

Recall AKAZE: 0.5208333333333334

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4854368932038835

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.58))

Folder: S185

Train Image: S185-03-t10\_01.ppm

Val Image: S185-04-t10\_01.ppm

Precision SIFT: 0.6086956521739131

Recall SIFT: 0.4745762711864407

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5333333333333333

Precision AKAZE: 0.625

Recall AKAZE: 0.5932203389830508

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.6086956521739131

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.62))

Folder: S185

Train Image: S185-02-t10\_01.ppm

Val Image: S185-04-t10\_01.ppm

Precision SIFT: 0.4693877551020408

Recall SIFT: 0.46

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4646464646464646

Precision AKAZE: 0.5370370370370371

Recall AKAZE: 0.58

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5576923076923077

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.58))

Folder: S174

Train Image: S174-04-t10\_01.ppm

Val Image: S174-03-t10\_01.ppm

Precision SIFT: 0.5254237288135594

Recall SIFT: 0.5740740740740741

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5486725663716814

Precision AKAZE: 0.4418604651162791

Recall AKAZE: 0.3518518518518519

Accuracy AKAZE: 0.41

F1-Score AKAZE: 0.3917525773195876

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S174

Train Image: S174-04-t10\_01.ppm

Val Image: S174-05-t10\_01.ppm

Precision SIFT: 0.4363636363636363

Recall SIFT: 0.5581395348837209

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4897959183673469

Precision AKAZE: 0.4285714285714285

Recall AKAZE: 0.4883720930232558

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4565217391304348

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.56))

Folder: S174

Train Image: S174-04-t10\_01.ppm

Val Image: S174-02-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.4901960784313725

Accuracy SIFT: 0.49

F1-Score SIFT: 0.495049504950495

Precision AKAZE: 0.4888888888888889

Recall AKAZE: 0.4313725490196079

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4583333333333333

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.50))

Folder: S174

Train Image: S174-01-t10\_01.ppm

Val Image: S174-03-t10\_01.ppm

Precision SIFT: 0.4680851063829787

Recall SIFT: 0.44

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4536082474226804

Precision AKAZE: 0.5319148936170213

Recall AKAZE: 0.5

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5154639175257731

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.53))

Folder: S174

Train Image: S174-01-t10\_01.ppm

Val Image: S174-05-t10\_01.ppm

Precision SIFT: 0.5306122448979592

Recall SIFT: 0.5416666666666666

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5360824742268041

Precision AKAZE: 0.4150943396226415

Recall AKAZE: 0.4583333333333333

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.4356435643564356

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.55))

Folder: S174

Train Image: S174-01-t10\_01.ppm

Val Image: S174-02-t10\_01.ppm

Precision SIFT: 0.5263157894736842

Recall SIFT: 0.5454545454545454

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5357142857142857

Precision AKAZE: 0.5238095238095238

Recall AKAZE: 0.6

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.559322033898305

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.60))

Folder: S193

Train Image: S193-02-t10\_01.ppm

Val Image: S193-01-t10\_01.ppm

Precision SIFT: 0.4423076923076923

Recall SIFT: 0.46

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4509803921568628

Precision AKAZE: 0.6333333333333333

Recall AKAZE: 0.76

Accuracy AKAZE: 0.66

F1-Score AKAZE: 0.6909090909090909

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.76))

Folder: S198

Train Image: S198-05-t10\_01.ppm

Val Image: S198-01-t10\_01.ppm

Precision SIFT: 0.4893617021276596

Recall SIFT: 0.4181818181818182

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4509803921568628

Precision AKAZE: 0.5652173913043478

Recall AKAZE: 0.4727272727272727

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5148514851485149

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.57))

Folder: S198

Train Image: S198-05-t10\_01.ppm

Val Image: S198-02-t10\_01.ppm

Precision SIFT: 0.6111111111111112

Recall SIFT: 0.55

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5789473684210527

Precision AKAZE: 0.6551724137931034

Recall AKAZE: 0.6333333333333333

Accuracy AKAZE: 0.58

F1-Score AKAZE: 0.6440677966101694

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.66))

Folder: S198

Train Image: S198-05-t10\_01.ppm

Val Image: S198-03-t10\_01.ppm

Precision SIFT: 0.4583333333333333

Recall SIFT: 0.4782608695652174

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4680851063829787

Precision AKAZE: 0.5208333333333334

Recall AKAZE: 0.5434782608695652

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.5319148936170213

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.56))

Folder: S198

Train Image: S198-04-t10\_01.ppm

Val Image: S198-01-t10\_01.ppm

Precision SIFT: 0.56

Recall SIFT: 0.5384615384615384

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5490196078431373

Precision AKAZE: 0.5283018867924528

Recall AKAZE: 0.5384615384615384

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5333333333333333

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.56))

Folder: S198

Train Image: S198-04-t10\_01.ppm

Val Image: S198-02-t10\_01.ppm

Precision SIFT: 0.5333333333333333

Recall SIFT: 0.5925925925925926

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5614035087719298

Precision AKAZE: 0.5576923076923077

Recall AKAZE: 0.5370370370370371

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5471698113207547

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.59))

Folder: S198

Train Image: S198-04-t10\_01.ppm

Val Image: S198-03-t10\_01.ppm

Precision SIFT: 0.5384615384615384

Recall SIFT: 0.5833333333333334

Accuracy SIFT: 0.56

F1-Score SIFT: 0.56

Precision AKAZE: 0.54

Recall AKAZE: 0.5625

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.5510204081632653

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.58))

Folder: S212

Train Image: S212-02-t10\_01.ppm

Val Image: S212-01-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.4807692307692308

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4901960784313725

Precision AKAZE: 0.6078431372549019

Recall AKAZE: 0.5961538461538461

Accuracy AKAZE: 0.59

F1-Score AKAZE: 0.6019417475728155

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.61))

Folder: S212

Train Image: S212-03-t10\_01.ppm

Val Image: S212-01-t10\_01.ppm

Precision SIFT: 0.5416666666666666

Recall SIFT: 0.4905660377358491

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5148514851485149

Precision AKAZE: 0.5555555555555556

Recall AKAZE: 0.5660377358490566

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5607476635514018

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.57))

Folder: S201

Train Image: S201-03-t10\_01.ppm

Val Image: S201-01-t10\_01.ppm

Precision SIFT: 0.4545454545454545

Recall SIFT: 0.5

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4761904761904762

Precision AKAZE: 0.4814814814814815

Recall AKAZE: 0.52

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.5

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.52))

Folder: S201

Train Image: S201-02-t10\_01.ppm

Val Image: S201-01-t10\_01.ppm

Precision SIFT: 0.4615384615384616

Recall SIFT: 0.5217391304347826

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4897959183673469

Precision AKAZE: 0.54

Recall AKAZE: 0.5869565217391305

Accuracy AKAZE: 0.58

F1-Score AKAZE: 0.5625

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.59))

Folder: S195

Train Image: S195-04-t10\_01.ppm

Val Image: S195-02-t10\_01.ppm

Precision SIFT: 0.6595744680851063

Recall SIFT: 0.5254237288135594

Accuracy SIFT: 0.56

F1-Score SIFT: 0.5849056603773585

Precision AKAZE: 0.5102040816326531

Recall AKAZE: 0.423728813559322

Accuracy AKAZE: 0.42

F1-Score AKAZE: 0.462962962962963

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.66))

Folder: S195

Train Image: S195-01-t10\_01.ppm

Val Image: S195-02-t10\_01.ppm

Precision SIFT: 0.5882352941176471

Recall SIFT: 0.5263157894736842

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5555555555555556

Precision AKAZE: 0.5614035087719298

Recall AKAZE: 0.5614035087719298

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5614035087719298

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.59))

Folder: S195

Train Image: S195-03-t10\_01.ppm

Val Image: S195-02-t10\_01.ppm

Precision SIFT: 0.574468085106383

Recall SIFT: 0.5510204081632653

Accuracy SIFT: 0.58

F1-Score SIFT: 0.5625

Precision AKAZE: 0.5686274509803921

Recall AKAZE: 0.5918367346938775

Accuracy AKAZE: 0.58

F1-Score AKAZE: 0.58

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.59))

Folder: S215

Train Image: S215-03-t10\_01.ppm

Val Image: S215-01-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.4528301886792453

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4752475247524752

Precision AKAZE: 0.52

Recall AKAZE: 0.4905660377358491

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5048543689320388

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.52))

Folder: S215

Train Image: S215-03-t10\_01.ppm

Val Image: S215-02-t10\_01.ppm

Precision SIFT: 0.3953488372093023

Recall SIFT: 0.4047619047619048

Accuracy SIFT: 0.49

F1-Score SIFT: 0.4

Precision AKAZE: 0.4565217391304348

Recall AKAZE: 0.5

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.4772727272727273

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.54))

Folder: S215

Train Image: S215-03-t10\_01.ppm

Val Image: S215-04-t10\_01.ppm

Precision SIFT: 0.4814814814814815

Recall SIFT: 0.5306122448979592

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5048543689320388

Precision AKAZE: 0.5111111111111111

Recall AKAZE: 0.4693877551020408

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.4893617021276596

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.53))

Folder: S206

Train Image: S206-01-t10\_01.ppm

Val Image: S206-02-t10\_01.ppm

Precision SIFT: 0.4545454545454545

Recall SIFT: 0.4807692307692308

Accuracy SIFT: 0.43

F1-Score SIFT: 0.4672897196261682

Precision AKAZE: 0.509090909090909

Recall AKAZE: 0.5384615384615384

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5233644859813084

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.54))

Folder: S202

Train Image: S202-04-t10\_01.ppm

Val Image: S202-02-t10\_01.ppm

Precision SIFT: 0.5853658536585366

Recall SIFT: 0.48

Accuracy SIFT: 0.57

F1-Score SIFT: 0.5274725274725275

Precision AKAZE: 0.5111111111111111

Recall AKAZE: 0.46

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4842105263157895

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.59))

Folder: S202

Train Image: S202-03-t10\_01.ppm

Val Image: S202-02-t10\_01.ppm

Precision SIFT: 0.5192307692307693

Recall SIFT: 0.5294117647058824

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5242718446601942

Precision AKAZE: 0.4918032786885246

Recall AKAZE: 0.5882352941176471

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.5357142857142857

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.59))

Folder: S202

Train Image: S202-01-t10\_01.ppm

Val Image: S202-02-t10\_01.ppm

Precision SIFT: 0.5416666666666666

Recall SIFT: 0.5

Accuracy SIFT: 0.52

F1-Score SIFT: 0.52

Precision AKAZE: 0.4905660377358491

Recall AKAZE: 0.5

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4952380952380953

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.54))

Folder: S214

Train Image: S214-04-t10\_01.ppm

Val Image: S214-01-t10\_01.ppm

Precision SIFT: 0.6041666666666666

Recall SIFT: 0.5576923076923077

Accuracy SIFT: 0.58

F1-Score SIFT: 0.58

Precision AKAZE: 0.5

Recall AKAZE: 0.4423076923076923

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4693877551020408

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.60))

Folder: S214

Train Image: S214-04-t10\_01.ppm

Val Image: S214-02-t10\_01.ppm

Precision SIFT: 0.4651162790697674

Recall SIFT: 0.4347826086956522

Accuracy SIFT: 0.51

F1-Score SIFT: 0.449438202247191

Precision AKAZE: 0.4791666666666667

Recall AKAZE: 0.5

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.4893617021276596

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.52))

Folder: S214

Train Image: S214-03-t10\_01.ppm

Val Image: S214-01-t10\_01.ppm

Precision SIFT: 0.4565217391304348

Recall SIFT: 0.4468085106382979

Accuracy SIFT: 0.49

F1-Score SIFT: 0.4516129032258064

Precision AKAZE: 0.3877551020408163

Recall AKAZE: 0.4042553191489361

Accuracy AKAZE: 0.42

F1-Score AKAZE: 0.3958333333333333

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.49))

Folder: S214

Train Image: S214-03-t10\_01.ppm

Val Image: S214-02-t10\_01.ppm

Precision SIFT: 0.52

Recall SIFT: 0.5

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5098039215686274

Precision AKAZE: 0.5882352941176471

Recall AKAZE: 0.5769230769230769

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5825242718446602

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.59))

Folder: S203

Train Image: S203-01-t10\_02.ppm

Val Image: S203-01-t10\_01.ppm

Precision SIFT: 0.4166666666666667

Recall SIFT: 0.4444444444444444

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4301075268817204

Precision AKAZE: 0.4285714285714285

Recall AKAZE: 0.4666666666666667

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4468085106382979

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.48))

Folder: S203

Train Image: S203-01-t10\_02.ppm

Val Image: S203-03-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.54

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5192307692307693

Precision AKAZE: 0.48

Recall AKAZE: 0.48

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.48

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.54))

Folder: S203

Train Image: S203-02-t10\_01.ppm

Val Image: S203-01-t10\_01.ppm

Precision SIFT: 0.5777777777777777

Recall SIFT: 0.5306122448979592

Accuracy SIFT: 0.58

F1-Score SIFT: 0.5531914893617021

Precision AKAZE: 0.4897959183673469

Recall AKAZE: 0.4897959183673469

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4897959183673469

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.58))

Folder: S203

Train Image: S203-02-t10\_01.ppm

Val Image: S203-03-t10\_01.ppm

Precision SIFT: 0.4347826086956522

Recall SIFT: 0.4347826086956522

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4347826086956522

Precision AKAZE: 0.4893617021276596

Recall AKAZE: 0.5

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.4946236559139785

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.53))

Folder: S199

Train Image: S199-02-t10\_01.ppm

Val Image: S199-01-t10\_01.ppm

Precision SIFT: 0.4313725490196079

Recall SIFT: 0.4313725490196079

Accuracy SIFT: 0.42

F1-Score SIFT: 0.4313725490196079

Precision AKAZE: 0.5882352941176471

Recall AKAZE: 0.5882352941176471

Accuracy AKAZE: 0.58

F1-Score AKAZE: 0.5882352941176471

Best Method (Metrics): AKAZE (AKAZE memiliki F1-Score lebih tinggi (0.59))

Folder: S236

Train Image: S236-02-t10\_01.ppm

Val Image: S236-01-t10\_01.ppm

Precision SIFT: 0.3636363636363636

Recall SIFT: 0.3902439024390244

Accuracy SIFT: 0.47

F1-Score SIFT: 0.3764705882352941

Precision AKAZE: 0.4081632653061225

Recall AKAZE: 0.4878048780487805

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4444444444444444

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.50))

Folder: S222

Train Image: S222-02-t10\_01.ppm

Val Image: S222-01-t10\_01.ppm

Precision SIFT: 0.574468085106383

Recall SIFT: 0.4655172413793103

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5142857142857142

Precision AKAZE: 0.5909090909090909

Recall AKAZE: 0.4482758620689655

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5098039215686274

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.59))

Folder: S232

Train Image: S232-02-t10\_01.ppm

Val Image: S232-01-t10\_01.ppm

Precision SIFT: 0.5178571428571429

Recall SIFT: 0.5370370370370371

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5272727272727272

Precision AKAZE: 0.52

Recall AKAZE: 0.4814814814814815

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.5

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.54))

Folder: S219

Train Image: S219-03-t10\_01.ppm

Val Image: S219-01-t10\_01.ppm

Precision SIFT: 0.4181818181818182

Recall SIFT: 0.5111111111111111

Accuracy SIFT: 0.46

F1-Score SIFT: 0.46

Precision AKAZE: 0.3783783783783784

Recall AKAZE: 0.3111111111111111

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.3414634146341464

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.51))

Folder: S219

Train Image: S219-02-t10\_01.ppm

Val Image: S219-01-t10\_01.ppm

Precision SIFT: 0.3902439024390244

Recall SIFT: 0.4324324324324325

Accuracy SIFT: 0.54

F1-Score SIFT: 0.4102564102564102

Precision AKAZE: 0.3958333333333333

Recall AKAZE: 0.5135135135135135

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.4470588235294118

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.54))

Folder: S223

Train Image: S223-03-t10\_01.ppm

Val Image: S223-01-t10\_01.ppm

Precision SIFT: 0.52

Recall SIFT: 0.5098039215686274

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5148514851485149

Precision AKAZE: 0.5

Recall AKAZE: 0.5490196078431373

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5233644859813084

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.55))

Folder: S223

Train Image: S223-02-t10\_01.ppm

Val Image: S223-01-t10\_01.ppm

Precision SIFT: 0.4489795918367347

Recall SIFT: 0.4583333333333333

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4536082474226804

Precision AKAZE: 0.5217391304347826

Recall AKAZE: 0.5

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5106382978723404

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.54))

Folder: S227

Train Image: S227-02-t10\_01.ppm

Val Image: S227-01-t10\_01.ppm

Precision SIFT: 0.5714285714285714

Recall SIFT: 0.4615384615384616

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5106382978723404

Precision AKAZE: 0.4680851063829787

Recall AKAZE: 0.4230769230769231

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4444444444444444

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.57))

Folder: S225

Train Image: S225-02-t10\_01.ppm

Val Image: S225-01-t10\_01.ppm

Precision SIFT: 0.5111111111111111

Recall SIFT: 0.4509803921568628

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4791666666666667

Precision AKAZE: 0.5227272727272727

Recall AKAZE: 0.4509803921568628

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4842105263157895

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.52))

Folder: S228

Train Image: S228-03-t10\_01.ppm

Val Image: S228-01-t10\_01.ppm

Precision SIFT: 0.462962962962963

Recall SIFT: 0.5555555555555556

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5050505050505051

Precision AKAZE: 0.4814814814814815

Recall AKAZE: 0.5777777777777777

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5252525252525253

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.58))

Folder: S228

Train Image: S228-02-t10\_01.ppm

Val Image: S228-01-t10\_01.ppm

Precision SIFT: 0.4

Recall SIFT: 0.4782608695652174

Accuracy SIFT: 0.43

F1-Score SIFT: 0.4356435643564356

Precision AKAZE: 0.5925925925925926

Recall AKAZE: 0.6956521739130435

Accuracy AKAZE: 0.64

F1-Score AKAZE: 0.64

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.70))

Folder: S220

Train Image: S220-02-t10\_01.ppm

Val Image: S220-01-t10\_01.ppm

Precision SIFT: 0.4210526315789473

Recall SIFT: 0.5106382978723404

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4615384615384616

Precision AKAZE: 0.5227272727272727

Recall AKAZE: 0.4893617021276596

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5054945054945055

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.55))

Folder: S226

Train Image: S226-02-t10\_01.ppm

Val Image: S226-01-t10\_01.ppm

Precision SIFT: 0.5230769230769231

Recall SIFT: 0.6538461538461539

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5811965811965812

Precision AKAZE: 0.5319148936170213

Recall AKAZE: 0.4807692307692308

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5050505050505051

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.65))

Folder: S243

Train Image: S243-04-t10\_01.ppm

Val Image: S243-03-t10\_01.ppm

Precision SIFT: 0.4814814814814815

Recall SIFT: 0.6190476190476191

Accuracy SIFT: 0.56

F1-Score SIFT: 0.5416666666666666

Precision AKAZE: 0.4318181818181818

Recall AKAZE: 0.4523809523809524

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.4418604651162791

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.62))

Folder: S243

Train Image: S243-04-t10\_01.ppm

Val Image: S243-06-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.5098039215686274

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5048543689320388

Precision AKAZE: 0.4888888888888889

Recall AKAZE: 0.4313725490196079

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4583333333333333

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.51))

Folder: S243

Train Image: S243-04-t10\_01.ppm

Val Image: S243-02-t10\_01.ppm

Precision SIFT: 0.5294117647058824

Recall SIFT: 0.5625

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5454545454545454

Precision AKAZE: 0.375

Recall AKAZE: 0.375

Accuracy AKAZE: 0.4

F1-Score AKAZE: 0.375

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.56))

Folder: S243

Train Image: S243-04-t10\_01.ppm

Val Image: S243-08-t10\_01.ppm

Precision SIFT: 0.5423728813559322

Recall SIFT: 0.5925925925925926

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5663716814159292

Precision AKAZE: 0.5555555555555556

Recall AKAZE: 0.3703703703703703

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4444444444444444

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.59))

Folder: S243

Train Image: S243-09-t10\_01.ppm

Val Image: S243-03-t10\_01.ppm

Precision SIFT: 0.5967741935483871

Recall SIFT: 0.6607142857142857

Accuracy SIFT: 0.56

F1-Score SIFT: 0.6271186440677966

Precision AKAZE: 0.5625

Recall AKAZE: 0.4821428571428572

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5192307692307693

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.66))

Folder: S243

Train Image: S243-09-t10\_01.ppm

Val Image: S243-06-t10\_01.ppm

Precision SIFT: 0.5294117647058824

Recall SIFT: 0.4736842105263158

Accuracy SIFT: 0.46

F1-Score SIFT: 0.5

Precision AKAZE: 0.5348837209302325

Recall AKAZE: 0.4035087719298245

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.46

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.53))

Folder: S243

Train Image: S243-09-t10\_01.ppm

Val Image: S243-02-t10\_01.ppm

Precision SIFT: 0.4905660377358491

Recall SIFT: 0.5306122448979592

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5098039215686274

Precision AKAZE: 0.4545454545454545

Recall AKAZE: 0.4081632653061225

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4301075268817204

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.53))

Folder: S243

Train Image: S243-09-t10\_01.ppm

Val Image: S243-08-t10\_01.ppm

Precision SIFT: 0.44

Recall SIFT: 0.5238095238095238

Accuracy SIFT: 0.52

F1-Score SIFT: 0.4782608695652174

Precision AKAZE: 0.423728813559322

Recall AKAZE: 0.5952380952380952

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.495049504950495

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.60))

Folder: S243

Train Image: S243-01-t10\_01.ppm

Val Image: S243-03-t10\_01.ppm

Precision SIFT: 0.4893617021276596

Recall SIFT: 0.5111111111111111

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5

Precision AKAZE: 0.3333333333333333

Recall AKAZE: 0.3111111111111111

Accuracy AKAZE: 0.41

F1-Score AKAZE: 0.3218390804597701

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.54))

Folder: S243

Train Image: S243-01-t10\_01.ppm

Val Image: S243-06-t10\_01.ppm

Precision SIFT: 0.3617021276595745

Recall SIFT: 0.3617021276595745

Accuracy SIFT: 0.4

F1-Score SIFT: 0.3617021276595745

Precision AKAZE: 0.4375

Recall AKAZE: 0.4468085106382979

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4421052631578947

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.47))

Folder: S243

Train Image: S243-01-t10\_01.ppm

Val Image: S243-02-t10\_01.ppm

Precision SIFT: 0.5370370370370371

Recall SIFT: 0.5576923076923077

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5471698113207547

Precision AKAZE: 0.5357142857142857

Recall AKAZE: 0.5769230769230769

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5555555555555556

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.58))

Folder: S243

Train Image: S243-01-t10\_01.ppm

Val Image: S243-08-t10\_01.ppm

Precision SIFT: 0.5740740740740741

Recall SIFT: 0.5961538461538461

Accuracy SIFT: 0.56

F1-Score SIFT: 0.5849056603773585

Precision AKAZE: 0.5208333333333334

Recall AKAZE: 0.4807692307692308

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.60))

Folder: S243

Train Image: S243-07-t10\_01.ppm

Val Image: S243-03-t10\_01.ppm

Precision SIFT: 0.456140350877193

Recall SIFT: 0.5909090909090909

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5148514851485149

Precision AKAZE: 0.4909090909090909

Recall AKAZE: 0.6136363636363636

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5454545454545454

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.61))

Folder: S243

Train Image: S243-07-t10\_01.ppm

Val Image: S243-06-t10\_01.ppm

Precision SIFT: 0.6111111111111112

Recall SIFT: 0.5689655172413793

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5892857142857143

Precision AKAZE: 0.6

Recall AKAZE: 0.4655172413793103

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5242718446601942

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.61))

Folder: S243

Train Image: S243-07-t10\_01.ppm

Val Image: S243-02-t10\_01.ppm

Precision SIFT: 0.48

Recall SIFT: 0.5106382978723404

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4948453608247423

Precision AKAZE: 0.5423728813559322

Recall AKAZE: 0.6808510638297872

Accuracy AKAZE: 0.58

F1-Score AKAZE: 0.6037735849056604

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.68))

Folder: S243

Train Image: S243-07-t10\_01.ppm

Val Image: S243-08-t10\_01.ppm

Precision SIFT: 0.6346153846153846

Recall SIFT: 0.5689655172413793

Accuracy SIFT: 0.56

F1-Score SIFT: 0.6

Precision AKAZE: 0.5957446808510638

Recall AKAZE: 0.4827586206896552

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5333333333333333

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.63))

Folder: S243

Train Image: S243-05-t10\_01.ppm

Val Image: S243-03-t10\_01.ppm

Precision SIFT: 0.5686274509803921

Recall SIFT: 0.5576923076923077

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5631067961165048

Precision AKAZE: 0.475

Recall AKAZE: 0.3653846153846154

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4130434782608696

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.57))

Folder: S243

Train Image: S243-05-t10\_01.ppm

Val Image: S243-06-t10\_01.ppm

Precision SIFT: 0.46

Recall SIFT: 0.46

Accuracy SIFT: 0.46

F1-Score SIFT: 0.46

Precision AKAZE: 0.5306122448979592

Recall AKAZE: 0.52

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5252525252525253

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.53))

Folder: S243

Train Image: S243-05-t10\_01.ppm

Val Image: S243-02-t10\_01.ppm

Precision SIFT: 0.5128205128205128

Recall SIFT: 0.3773584905660378

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4347826086956522

Precision AKAZE: 0.54

Recall AKAZE: 0.5094339622641509

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5242718446601942

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.54))

Folder: S243

Train Image: S243-05-t10\_01.ppm

Val Image: S243-08-t10\_01.ppm

Precision SIFT: 0.3809523809523809

Recall SIFT: 0.3809523809523809

Accuracy SIFT: 0.48

F1-Score SIFT: 0.3809523809523809

Precision AKAZE: 0.3725490196078431

Recall AKAZE: 0.4523809523809524

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4086021505376344

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.48))

Folder: S250

Train Image: S250-02-t10\_01.ppm

Val Image: S250-01-t10\_01.ppm

Precision SIFT: 0.5681818181818182

Recall SIFT: 0.4901960784313725

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5263157894736842

Precision AKAZE: 0.48

Recall AKAZE: 0.4705882352941176

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4752475247524752

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.57))

Folder: S239

Train Image: S239-01-t10\_01.ppm

Val Image: S239-02-t10\_01.ppm

Precision SIFT: 0.5185185185185185

Recall SIFT: 0.5384615384615384

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5283018867924528

Precision AKAZE: 0.5283018867924528

Recall AKAZE: 0.5384615384615384

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5333333333333333

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.54))

Folder: S253

Train Image: S253-03-t10\_01.ppm

Val Image: S253-01-t10\_01.ppm

Precision SIFT: 0.4716981132075472

Recall SIFT: 0.5952380952380952

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5263157894736842

Precision AKAZE: 0.4074074074074074

Recall AKAZE: 0.5238095238095238

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4583333333333333

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.60))

Folder: S253

Train Image: S253-03-t10\_01.ppm

Val Image: S253-02-t10\_01.ppm

Precision SIFT: 0.4166666666666667

Recall SIFT: 0.4444444444444444

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4301075268817204

Precision AKAZE: 0.4736842105263158

Recall AKAZE: 0.6

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5294117647058824

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.60))

Folder: S253

Train Image: S253-04-t10\_01.ppm

Val Image: S253-01-t10\_01.ppm

Precision SIFT: 0.4418604651162791

Recall SIFT: 0.3653846153846154

Accuracy SIFT: 0.43

F1-Score SIFT: 0.4

Precision AKAZE: 0.48

Recall AKAZE: 0.4615384615384616

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4705882352941176

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.48))

Folder: S253

Train Image: S253-04-t10\_01.ppm

Val Image: S253-02-t10\_01.ppm

Precision SIFT: 0.6382978723404256

Recall SIFT: 0.5555555555555556

Accuracy SIFT: 0.59

F1-Score SIFT: 0.594059405940594

Precision AKAZE: 0.5660377358490566

Recall AKAZE: 0.5555555555555556

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5607476635514018

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.64))

Folder: S240

Train Image: S240-01-t10\_01.ppm

Val Image: S240-02-t10\_01.ppm

Precision SIFT: 0.4339622641509434

Recall SIFT: 0.5348837209302325

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4791666666666667

Precision AKAZE: 0.5

Recall AKAZE: 0.6744186046511628

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5742574257425742

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.67))

Folder: S254

Train Image: S254-02-t10\_01.ppm

Val Image: S254-01-t10\_01.ppm

Precision SIFT: 0.4772727272727273

Recall SIFT: 0.4565217391304348

Accuracy SIFT: 0.52

F1-Score SIFT: 0.4666666666666667

Precision AKAZE: 0.4117647058823529

Recall AKAZE: 0.4565217391304348

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4329896907216495

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.52))

Folder: S254

Train Image: S254-03-t10\_01.ppm

Val Image: S254-01-t10\_01.ppm

Precision SIFT: 0.4897959183673469

Recall SIFT: 0.4528301886792453

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4705882352941176

Precision AKAZE: 0.5333333333333333

Recall AKAZE: 0.4528301886792453

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4897959183673469

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.53))

Folder: S258

Train Image: S258-02-t10\_01.ppm

Val Image: S258-01-t10\_01.ppm

Precision SIFT: 0.4186046511627907

Recall SIFT: 0.4390243902439024

Accuracy SIFT: 0.52

F1-Score SIFT: 0.4285714285714285

Precision AKAZE: 0.3958333333333333

Recall AKAZE: 0.4634146341463415

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4269662921348314

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.52))

Folder: S259

Train Image: S259-02-t10\_01.ppm

Val Image: S259-01-t10\_01.ppm

Precision SIFT: 0.4444444444444444

Recall SIFT: 0.48

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4615384615384616

Precision AKAZE: 0.52

Recall AKAZE: 0.52

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.52

Best Method (Metrics): AKAZE (AKAZE memiliki F1-Score lebih tinggi (0.52))

Folder: S249

Train Image: S249-02-t10\_01.ppm

Val Image: S249-01-t10\_01.ppm

Precision SIFT: 0.4909090909090909

Recall SIFT: 0.5625

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5242718446601942

Precision AKAZE: 0.4791666666666667

Recall AKAZE: 0.4791666666666667

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4791666666666667

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.56))

Folder: S256

Train Image: S256-02-t10\_01.ppm

Val Image: S256-01-t10\_01.ppm

Precision SIFT: 0.5681818181818182

Recall SIFT: 0.5102040816326531

Accuracy SIFT: 0.57

F1-Score SIFT: 0.5376344086021505

Precision AKAZE: 0.5

Recall AKAZE: 0.4693877551020408

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4842105263157895

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.57))

Folder: S283

Train Image: S283-01-t10\_01.ppm

Val Image: S283-02-t10\_01.ppm

Precision SIFT: 0.5208333333333334

Recall SIFT: 0.4545454545454545

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4854368932038835

Precision AKAZE: 0.5319148936170213

Recall AKAZE: 0.4545454545454545

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4901960784313725

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.53))

Folder: S273

Train Image: S273-02-t10\_01.ppm

Val Image: S273-04-t10\_01.ppm

Precision SIFT: 0.5416666666666666

Recall SIFT: 0.456140350877193

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4952380952380953

Precision AKAZE: 0.6181818181818182

Recall AKAZE: 0.5964912280701754

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.6071428571428571

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.62))

Folder: S273

Train Image: S273-02-t10\_01.ppm

Val Image: S273-01-t10\_01.ppm

Precision SIFT: 0.5625

Recall SIFT: 0.54

Accuracy SIFT: 0.56

F1-Score SIFT: 0.5510204081632653

Precision AKAZE: 0.5510204081632653

Recall AKAZE: 0.54

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5454545454545454

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.56))

Folder: S273

Train Image: S273-05-t10\_01.ppm

Val Image: S273-04-t10\_01.ppm

Precision SIFT: 0.5208333333333334

Recall SIFT: 0.5

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5102040816326531

Precision AKAZE: 0.4150943396226415

Recall AKAZE: 0.44

Accuracy AKAZE: 0.41

F1-Score AKAZE: 0.4271844660194175

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.52))

Folder: S273

Train Image: S273-05-t10\_01.ppm

Val Image: S273-01-t10\_01.ppm

Precision SIFT: 0.5319148936170213

Recall SIFT: 0.4901960784313725

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5102040816326531

Precision AKAZE: 0.5681818181818182

Recall AKAZE: 0.4901960784313725

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5263157894736842

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.57))

Folder: S273

Train Image: S273-03-t10\_01.ppm

Val Image: S273-04-t10\_01.ppm

Precision SIFT: 0.6666666666666666

Recall SIFT: 0.5333333333333333

Accuracy SIFT: 0.56

F1-Score SIFT: 0.5925925925925926

Precision AKAZE: 0.6166666666666667

Recall AKAZE: 0.6166666666666667

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.6166666666666667

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.67))

Folder: S273

Train Image: S273-03-t10\_01.ppm

Val Image: S273-01-t10\_01.ppm

Precision SIFT: 0.3863636363636364

Recall SIFT: 0.3777777777777778

Accuracy SIFT: 0.45

F1-Score SIFT: 0.3820224719101123

Precision AKAZE: 0.5

Recall AKAZE: 0.5777777777777777

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5360824742268041

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.58))

Folder: S282

Train Image: S282-02-t10\_01.ppm

Val Image: S282-01-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.4901960784313725

Accuracy SIFT: 0.49

F1-Score SIFT: 0.495049504950495

Precision AKAZE: 0.5254237288135594

Recall AKAZE: 0.6078431372549019

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5636363636363636

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.61))

Folder: S282

Train Image: S282-03-t10\_01.ppm

Val Image: S282-01-t10\_01.ppm

Precision SIFT: 0.4883720930232558

Recall SIFT: 0.4375

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4615384615384616

Precision AKAZE: 0.4666666666666667

Recall AKAZE: 0.4375

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4516129032258064

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.51))

Folder: S284

Train Image: S284-02-t10\_01.ppm

Val Image: S284-01-t10\_01.ppm

Precision SIFT: 0.5555555555555556

Recall SIFT: 0.5102040816326531

Accuracy SIFT: 0.56

F1-Score SIFT: 0.5319148936170213

Precision AKAZE: 0.5434782608695652

Recall AKAZE: 0.5102040816326531

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5263157894736842

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.56))

Folder: S284

Train Image: S284-02-t10\_01.ppm

Val Image: S284-01-t10\_02.ppm

Precision SIFT: 0.4705882352941176

Recall SIFT: 0.5581395348837209

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5106382978723404

Precision AKAZE: 0.4693877551020408

Recall AKAZE: 0.5348837209302325

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.56))

Folder: S284

Train Image: S284-02-t10\_02.ppm

Val Image: S284-01-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.5434782608695652

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5208333333333334

Precision AKAZE: 0.4081632653061225

Recall AKAZE: 0.4347826086956522

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4210526315789473

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.54))

Folder: S284

Train Image: S284-02-t10\_02.ppm

Val Image: S284-01-t10\_02.ppm

Precision SIFT: 0.3958333333333333

Recall SIFT: 0.4418604651162791

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4175824175824176

Precision AKAZE: 0.34

Recall AKAZE: 0.3953488372093023

Accuracy AKAZE: 0.41

F1-Score AKAZE: 0.3655913978494624

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.47))

Folder: S261

Train Image: S261-02-t10\_01.ppm

Val Image: S261-01-t10\_01.ppm

Precision SIFT: 0.5625

Recall SIFT: 0.4909090909090909

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5242718446601942

Precision AKAZE: 0.5490196078431373

Recall AKAZE: 0.509090909090909

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5283018867924528

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.56))

Folder: S272

Train Image: S272-02-t10\_02.ppm

Val Image: S272-01-t10\_01.ppm

Precision SIFT: 0.456140350877193

Recall SIFT: 0.4482758620689655

Accuracy SIFT: 0.37

F1-Score SIFT: 0.4521739130434783

Precision AKAZE: 0.4897959183673469

Recall AKAZE: 0.4137931034482759

Accuracy AKAZE: 0.41

F1-Score AKAZE: 0.4485981308411215

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.49))

Folder: S272

Train Image: S272-02-t10\_01.ppm

Val Image: S272-01-t10\_01.ppm

Precision SIFT: 0.3877551020408163

Recall SIFT: 0.4418604651162791

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4130434782608696

Precision AKAZE: 0.4905660377358491

Recall AKAZE: 0.6046511627906976

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.5416666666666666

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.60))

Folder: S285

Train Image: S285-01-t10\_02.ppm

Val Image: S285-01-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.5384615384615384

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5185185185185185

Precision AKAZE: 0.5901639344262295

Recall AKAZE: 0.6923076923076923

Accuracy AKAZE: 0.59

F1-Score AKAZE: 0.6371681415929203

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.69))

Folder: S270

Train Image: S270-01-t10\_02.ppm

Val Image: S270-01-t10\_01.ppm

Precision SIFT: 0.3877551020408163

Recall SIFT: 0.3958333333333333

Accuracy SIFT: 0.41

F1-Score SIFT: 0.3917525773195876

Precision AKAZE: 0.5714285714285714

Recall AKAZE: 0.5

Accuracy AKAZE: 0.58

F1-Score AKAZE: 0.5333333333333333

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.58))

Folder: S280

Train Image: S280-07-t10\_01.ppm

Val Image: S280-10-t10\_01.ppm

Precision SIFT: 0.4901960784313725

Recall SIFT: 0.4807692307692308

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4854368932038835

Precision AKAZE: 0.5434782608695652

Recall AKAZE: 0.4807692307692308

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5102040816326531

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.54))

Folder: S280

Train Image: S280-07-t10\_01.ppm

Val Image: S280-08-t10\_01.ppm

Precision SIFT: 0.5740740740740741

Recall SIFT: 0.5740740740740741

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5740740740740741

Precision AKAZE: 0.56

Recall AKAZE: 0.5185185185185185

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5384615384615384

Best Method (Metrics): SIFT (SIFT memiliki F1-Score lebih tinggi (0.57))

Folder: S280

Train Image: S280-07-t10\_01.ppm

Val Image: S280-03-t10\_01.ppm

Precision SIFT: 0.6

Recall SIFT: 0.6346153846153846

Accuracy SIFT: 0.59

F1-Score SIFT: 0.616822429906542

Precision AKAZE: 0.5471698113207547

Recall AKAZE: 0.5576923076923077

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5523809523809524

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.63))

Folder: S280

Train Image: S280-07-t10\_01.ppm

Val Image: S280-06-t10\_01.ppm

Precision SIFT: 0.4615384615384616

Recall SIFT: 0.5217391304347826

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4897959183673469

Precision AKAZE: 0.4482758620689655

Recall AKAZE: 0.5652173913043478

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.5

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.57))

Folder: S280

Train Image: S280-07-t10\_01.ppm

Val Image: S280-01-t10\_01.ppm

Precision SIFT: 0.5614035087719298

Recall SIFT: 0.5614035087719298

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5614035087719298

Precision AKAZE: 0.5714285714285714

Recall AKAZE: 0.5614035087719298

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5663716814159292

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.57))

Folder: S280

Train Image: S280-07-t10\_01.ppm

Val Image: S280-05-t10\_01.ppm

Precision SIFT: 0.5208333333333334

Recall SIFT: 0.4464285714285715

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4807692307692308

Precision AKAZE: 0.44

Recall AKAZE: 0.3928571428571428

Accuracy AKAZE: 0.38

F1-Score AKAZE: 0.4150943396226415

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.52))

Folder: S280

Train Image: S280-02-t10\_01.ppm

Val Image: S280-10-t10\_01.ppm

Precision SIFT: 0.5853658536585366

Recall SIFT: 0.4137931034482759

Accuracy SIFT: 0.49

F1-Score SIFT: 0.4848484848484849

Precision AKAZE: 0.6326530612244898

Recall AKAZE: 0.5344827586206896

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5794392523364486

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.63))

Folder: S280

Train Image: S280-02-t10\_01.ppm

Val Image: S280-08-t10\_01.ppm

Precision SIFT: 0.425531914893617

Recall SIFT: 0.4347826086956522

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4301075268817204

Precision AKAZE: 0.5254237288135594

Recall AKAZE: 0.6739130434782609

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5904761904761905

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.67))

Folder: S280

Train Image: S280-02-t10\_01.ppm

Val Image: S280-03-t10\_01.ppm

Precision SIFT: 0.5106382978723404

Recall SIFT: 0.4137931034482759

Accuracy SIFT: 0.43

F1-Score SIFT: 0.4571428571428571

Precision AKAZE: 0.6444444444444445

Recall AKAZE: 0.5

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5631067961165048

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.64))

Folder: S280

Train Image: S280-02-t10\_01.ppm

Val Image: S280-06-t10\_01.ppm

Precision SIFT: 0.6415094339622641

Recall SIFT: 0.5483870967741935

Accuracy SIFT: 0.53

F1-Score SIFT: 0.591304347826087

Precision AKAZE: 0.5909090909090909

Recall AKAZE: 0.4193548387096774

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4905660377358491

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.64))

Folder: S280

Train Image: S280-02-t10\_01.ppm

Val Image: S280-01-t10\_01.ppm

Precision SIFT: 0.5348837209302325

Recall SIFT: 0.4423076923076923

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4842105263157895

Precision AKAZE: 0.5384615384615384

Recall AKAZE: 0.5384615384615384

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5384615384615384

Best Method (Metrics): AKAZE (AKAZE memiliki F1-Score lebih tinggi (0.54))

Folder: S280

Train Image: S280-02-t10\_01.ppm

Val Image: S280-05-t10\_01.ppm

Precision SIFT: 0.5686274509803921

Recall SIFT: 0.5087719298245614

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5370370370370371

Precision AKAZE: 0.5740740740740741

Recall AKAZE: 0.543859649122807

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5585585585585585

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.57))

Folder: S280

Train Image: S280-09-t10\_01.ppm

Val Image: S280-10-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.4285714285714285

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4615384615384616

Precision AKAZE: 0.5614035087719298

Recall AKAZE: 0.5714285714285714

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5663716814159292

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.57))

Folder: S280

Train Image: S280-09-t10\_01.ppm

Val Image: S280-08-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.4489795918367347

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4731182795698925

Precision AKAZE: 0.4827586206896552

Recall AKAZE: 0.5714285714285714

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5233644859813084

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.57))

Folder: S280

Train Image: S280-09-t10\_01.ppm

Val Image: S280-03-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.4313725490196079

Accuracy SIFT: 0.49

F1-Score SIFT: 0.4631578947368421

Precision AKAZE: 0.4878048780487805

Recall AKAZE: 0.392156862745098

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4347826086956522

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.50))

Folder: S280

Train Image: S280-09-t10\_01.ppm

Val Image: S280-06-t10\_01.ppm

Precision SIFT: 0.5510204081632653

Recall SIFT: 0.45

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4954128440366973

Precision AKAZE: 0.5818181818181818

Recall AKAZE: 0.5333333333333333

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5565217391304348

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.58))

Folder: S280

Train Image: S280-09-t10\_01.ppm

Val Image: S280-01-t10\_01.ppm

Precision SIFT: 0.5121951219512195

Recall SIFT: 0.3962264150943396

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4468085106382979

Precision AKAZE: 0.5098039215686274

Recall AKAZE: 0.4905660377358491

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.5

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.51))

Folder: S280

Train Image: S280-09-t10\_01.ppm

Val Image: S280-05-t10\_01.ppm

Precision SIFT: 0.3265306122448979

Recall SIFT: 0.3636363636363636

Accuracy SIFT: 0.39

F1-Score SIFT: 0.3440860215053764

Precision AKAZE: 0.4509803921568628

Recall AKAZE: 0.5227272727272727

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4842105263157895

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.52))

Folder: S280

Train Image: S280-04-t10\_01.ppm

Val Image: S280-10-t10\_01.ppm

Precision SIFT: 0.5283018867924528

Recall SIFT: 0.5714285714285714

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5490196078431373

Precision AKAZE: 0.5094339622641509

Recall AKAZE: 0.5510204081632653

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5294117647058824

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S280

Train Image: S280-04-t10\_01.ppm

Val Image: S280-08-t10\_01.ppm

Precision SIFT: 0.627906976744186

Recall SIFT: 0.4909090909090909

Accuracy SIFT: 0.56

F1-Score SIFT: 0.5510204081632653

Precision AKAZE: 0.5

Recall AKAZE: 0.4181818181818182

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4554455445544555

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.63))

Folder: S280

Train Image: S280-04-t10\_01.ppm

Val Image: S280-03-t10\_01.ppm

Precision SIFT: 0.5384615384615384

Recall SIFT: 0.5384615384615384

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5384615384615384

Precision AKAZE: 0.5686274509803921

Recall AKAZE: 0.5576923076923077

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5631067961165048

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.57))

Folder: S280

Train Image: S280-04-t10\_01.ppm

Val Image: S280-06-t10\_01.ppm

Precision SIFT: 0.5094339622641509

Recall SIFT: 0.5869565217391305

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5454545454545454

Precision AKAZE: 0.4285714285714285

Recall AKAZE: 0.4565217391304348

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4421052631578947

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.59))

Folder: S280

Train Image: S280-04-t10\_01.ppm

Val Image: S280-01-t10\_01.ppm

Precision SIFT: 0.6296296296296297

Recall SIFT: 0.5573770491803278

Accuracy SIFT: 0.53

F1-Score SIFT: 0.591304347826087

Precision AKAZE: 0.5789473684210527

Recall AKAZE: 0.5409836065573771

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.559322033898305

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.63))

Folder: S280

Train Image: S280-04-t10\_01.ppm

Val Image: S280-05-t10\_01.ppm

Precision SIFT: 0.5208333333333334

Recall SIFT: 0.5

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5102040816326531

Precision AKAZE: 0.5769230769230769

Recall AKAZE: 0.6

Accuracy AKAZE: 0.58

F1-Score AKAZE: 0.5882352941176471

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.60))

Folder: S263

Train Image: S263-01-t10\_01.ppm

Val Image: S263-01-t10\_02.ppm

Precision SIFT: 0.5

Recall SIFT: 0.4909090909090909

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4954128440366973

Precision AKAZE: 0.5555555555555556

Recall AKAZE: 0.4545454545454545

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.56))

Folder: S304

Train Image: S304-03-t10\_01.ppm

Val Image: S304-01-t10\_01.ppm

Precision SIFT: 0.4705882352941176

Recall SIFT: 0.5106382978723404

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4897959183673469

Precision AKAZE: 0.462962962962963

Recall AKAZE: 0.5319148936170213

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.495049504950495

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.53))

Folder: S304

Train Image: S304-03-t10\_01.ppm

Val Image: S304-02-t10\_01.ppm

Precision SIFT: 0.5192307692307693

Recall SIFT: 0.574468085106383

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5454545454545454

Precision AKAZE: 0.5

Recall AKAZE: 0.574468085106383

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5346534653465347

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S296

Train Image: S296-03-t10\_01.ppm

Val Image: S296-05-t10\_01.ppm

Precision SIFT: 0.4038461538461539

Recall SIFT: 0.525

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4565217391304348

Precision AKAZE: 0.3863636363636364

Recall AKAZE: 0.425

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4047619047619048

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.53))

Folder: S296

Train Image: S296-03-t10\_01.ppm

Val Image: S296-09-t10\_01.ppm

Precision SIFT: 0.509090909090909

Recall SIFT: 0.509090909090909

Accuracy SIFT: 0.46

F1-Score SIFT: 0.509090909090909

Precision AKAZE: 0.5384615384615384

Recall AKAZE: 0.509090909090909

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5233644859813084

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.54))

Folder: S296

Train Image: S296-08-t10\_01.ppm

Val Image: S296-05-t10\_01.ppm

Precision SIFT: 0.5769230769230769

Recall SIFT: 0.6

Accuracy SIFT: 0.58

F1-Score SIFT: 0.5882352941176471

Precision AKAZE: 0.425531914893617

Recall AKAZE: 0.4

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.4123711340206185

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.60))

Folder: S296

Train Image: S296-08-t10\_01.ppm

Val Image: S296-09-t10\_01.ppm

Precision SIFT: 0.627906976744186

Recall SIFT: 0.5

Accuracy SIFT: 0.57

F1-Score SIFT: 0.5567010309278351

Precision AKAZE: 0.5471698113207547

Recall AKAZE: 0.5370370370370371

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5420560747663551

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.63))

Folder: S296

Train Image: S296-10-t10\_01.ppm

Val Image: S296-05-t10\_01.ppm

Precision SIFT: 0.5416666666666666

Recall SIFT: 0.4905660377358491

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5148514851485149

Precision AKAZE: 0.5

Recall AKAZE: 0.4716981132075472

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4854368932038835

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.54))

Folder: S296

Train Image: S296-10-t10\_01.ppm

Val Image: S296-09-t10\_01.ppm

Precision SIFT: 0.4716981132075472

Recall SIFT: 0.4901960784313725

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4807692307692308

Precision AKAZE: 0.44

Recall AKAZE: 0.4313725490196079

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.4356435643564356

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.49))

Folder: S296

Train Image: S296-04-t10\_01.ppm

Val Image: S296-05-t10\_01.ppm

Precision SIFT: 0.5319148936170213

Recall SIFT: 0.462962962962963

Accuracy SIFT: 0.49

F1-Score SIFT: 0.495049504950495

Precision AKAZE: 0.4909090909090909

Recall AKAZE: 0.5

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4954128440366973

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.53))

Folder: S296

Train Image: S296-04-t10\_01.ppm

Val Image: S296-09-t10\_01.ppm

Precision SIFT: 0.462962962962963

Recall SIFT: 0.4716981132075472

Accuracy SIFT: 0.43

F1-Score SIFT: 0.4672897196261682

Precision AKAZE: 0.5192307692307693

Recall AKAZE: 0.5094339622641509

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5142857142857142

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.52))

Folder: S296

Train Image: S296-02-t10\_01.ppm

Val Image: S296-05-t10\_01.ppm

Precision SIFT: 0.6444444444444445

Recall SIFT: 0.5370370370370371

Accuracy SIFT: 0.59

F1-Score SIFT: 0.5858585858585859

Precision AKAZE: 0.6037735849056604

Recall AKAZE: 0.5925925925925926

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5981308411214953

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.64))

Folder: S296

Train Image: S296-02-t10\_01.ppm

Val Image: S296-09-t10\_01.ppm

Precision SIFT: 0.4489795918367347

Recall SIFT: 0.4150943396226415

Accuracy SIFT: 0.42

F1-Score SIFT: 0.4313725490196079

Precision AKAZE: 0.4716981132075472

Recall AKAZE: 0.4716981132075472

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.4716981132075472

Best Method (Metrics): AKAZE (AKAZE memiliki F1-Score lebih tinggi (0.47))

Folder: S296

Train Image: S296-01-t10\_01.ppm

Val Image: S296-05-t10\_01.ppm

Precision SIFT: 0.6666666666666666

Recall SIFT: 0.5423728813559322

Accuracy SIFT: 0.57

F1-Score SIFT: 0.5981308411214953

Precision AKAZE: 0.5769230769230769

Recall AKAZE: 0.5084745762711864

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5405405405405406

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.67))

Folder: S296

Train Image: S296-01-t10\_01.ppm

Val Image: S296-09-t10\_01.ppm

Precision SIFT: 0.6136363636363636

Recall SIFT: 0.5625

Accuracy SIFT: 0.62

F1-Score SIFT: 0.5869565217391305

Precision AKAZE: 0.42

Recall AKAZE: 0.4375

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.4285714285714285

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.62))

Folder: S296

Train Image: S296-07-t10\_01.ppm

Val Image: S296-05-t10\_01.ppm

Precision SIFT: 0.4705882352941176

Recall SIFT: 0.5106382978723404

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4897959183673469

Precision AKAZE: 0.5

Recall AKAZE: 0.6170212765957447

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5523809523809524

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.62))

Folder: S296

Train Image: S296-07-t10\_01.ppm

Val Image: S296-09-t10\_01.ppm

Precision SIFT: 0.6595744680851063

Recall SIFT: 0.5166666666666667

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5794392523364486

Precision AKAZE: 0.6744186046511628

Recall AKAZE: 0.4833333333333333

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5631067961165048

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.67))

Folder: S296

Train Image: S296-06-t10\_01.ppm

Val Image: S296-05-t10\_01.ppm

Precision SIFT: 0.5348837209302325

Recall SIFT: 0.4339622641509434

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4791666666666667

Precision AKAZE: 0.5925925925925926

Recall AKAZE: 0.6037735849056604

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5981308411214953

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.60))

Folder: S296

Train Image: S296-06-t10\_01.ppm

Val Image: S296-09-t10\_01.ppm

Precision SIFT: 0.4444444444444444

Recall SIFT: 0.5454545454545454

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4897959183673469

Precision AKAZE: 0.4489795918367347

Recall AKAZE: 0.5

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4731182795698925

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.55))

Folder: S291

Train Image: S291-01-t10\_01.ppm

Val Image: S291-02-t10\_01.ppm

Precision SIFT: 0.6486486486486487

Recall SIFT: 0.4705882352941176

Accuracy SIFT: 0.6

F1-Score SIFT: 0.5454545454545454

Precision AKAZE: 0.4489795918367347

Recall AKAZE: 0.4313725490196079

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.44

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.65))

Folder: S309

Train Image: S309-02-t10\_01.ppm

Val Image: S309-04-t10\_01.ppm

Precision SIFT: 0.5283018867924528

Recall SIFT: 0.56

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5436893203883495

Precision AKAZE: 0.4347826086956522

Recall AKAZE: 0.4

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.4166666666666667

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.56))

Folder: S309

Train Image: S309-03-t10\_01.ppm

Val Image: S309-04-t10\_01.ppm

Precision SIFT: 0.6

Recall SIFT: 0.5892857142857143

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5945945945945946

Precision AKAZE: 0.6

Recall AKAZE: 0.5357142857142857

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5660377358490566

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.60))

Folder: S309

Train Image: S309-05-t10\_01.ppm

Val Image: S309-04-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.5909090909090909

Accuracy SIFT: 0.56

F1-Score SIFT: 0.5416666666666666

Precision AKAZE: 0.3414634146341464

Recall AKAZE: 0.3181818181818182

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.3294117647058823

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.59))

Folder: S309

Train Image: S309-01-t10\_01.ppm

Val Image: S309-04-t10\_01.ppm

Precision SIFT: 0.3863636363636364

Recall SIFT: 0.3333333333333333

Accuracy SIFT: 0.39

F1-Score SIFT: 0.3578947368421053

Precision AKAZE: 0.5686274509803921

Recall AKAZE: 0.5686274509803921

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.5686274509803921

Best Method (Metrics): AKAZE (AKAZE memiliki F1-Score lebih tinggi (0.57))

Folder: S300

Train Image: S300-02-t10\_01.ppm

Val Image: S300-01-t10\_01.ppm

Precision SIFT: 0.4655172413793103

Recall SIFT: 0.5869565217391305

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5192307692307693

Precision AKAZE: 0.4565217391304348

Recall AKAZE: 0.4565217391304348

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4565217391304348

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.59))

Folder: S288

Train Image: S288-01-t10\_01.ppm

Val Image: S288-03-t10\_01.ppm

Precision SIFT: 0.6363636363636364

Recall SIFT: 0.6862745098039216

Accuracy SIFT: 0.64

F1-Score SIFT: 0.660377358490566

Precision AKAZE: 0.4375

Recall AKAZE: 0.4117647058823529

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.4242424242424243

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.69))

Folder: S288

Train Image: S288-01-t10\_01.ppm

Val Image: S288-02-t10\_01.ppm

Precision SIFT: 0.4285714285714285

Recall SIFT: 0.3818181818181818

Accuracy SIFT: 0.38

F1-Score SIFT: 0.4038461538461539

Precision AKAZE: 0.6086956521739131

Recall AKAZE: 0.509090909090909

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5544554455445545

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.61))

Folder: S288

Train Image: S288-01-t10\_01.ppm

Val Image: S288-05-t10\_01.ppm

Precision SIFT: 0.5454545454545454

Recall SIFT: 0.6122448979591837

Accuracy SIFT: 0.56

F1-Score SIFT: 0.5769230769230769

Precision AKAZE: 0.5576923076923077

Recall AKAZE: 0.5918367346938775

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5742574257425742

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.61))

Folder: S288

Train Image: S288-01-t10\_01.ppm

Val Image: S288-04-t10\_01.ppm

Precision SIFT: 0.4385964912280702

Recall SIFT: 0.5681818181818182

Accuracy SIFT: 0.49

F1-Score SIFT: 0.495049504950495

Precision AKAZE: 0.4523809523809524

Recall AKAZE: 0.4318181818181818

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.4418604651162791

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S310

Train Image: S310-01-t10\_01.ppm

Val Image: S310-02-t10\_01.ppm

Precision SIFT: 0.42

Recall SIFT: 0.4883720930232558

Accuracy SIFT: 0.49

F1-Score SIFT: 0.4516129032258064

Precision AKAZE: 0.4423076923076923

Recall AKAZE: 0.5348837209302325

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4842105263157895

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.53))

Folder: S310

Train Image: S310-01-t10\_01.ppm

Val Image: S310-04-t10\_01.ppm

Precision SIFT: 0.6382978723404256

Recall SIFT: 0.5357142857142857

Accuracy SIFT: 0.57

F1-Score SIFT: 0.5825242718446602

Precision AKAZE: 0.5517241379310345

Recall AKAZE: 0.5714285714285714

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5614035087719298

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.64))

Folder: S310

Train Image: S310-03-t10\_01.ppm

Val Image: S310-02-t10\_01.ppm

Precision SIFT: 0.5957446808510638

Recall SIFT: 0.5283018867924528

Accuracy SIFT: 0.56

F1-Score SIFT: 0.56

Precision AKAZE: 0.52

Recall AKAZE: 0.4905660377358491

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5048543689320388

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.60))

Folder: S310

Train Image: S310-03-t10\_01.ppm

Val Image: S310-04-t10\_01.ppm

Precision SIFT: 0.54

Recall SIFT: 0.5294117647058824

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5346534653465347

Precision AKAZE: 0.4716981132075472

Recall AKAZE: 0.4901960784313725

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4807692307692308

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.54))

Folder: S297

Train Image: S297-01-t10\_01.ppm

Val Image: S297-02-t10\_01.ppm

Precision SIFT: 0.4230769230769231

Recall SIFT: 0.4583333333333333

Accuracy SIFT: 0.44

F1-Score SIFT: 0.44

Precision AKAZE: 0.4385964912280702

Recall AKAZE: 0.5208333333333334

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4761904761904762

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.52))

Folder: S295

Train Image: S295-01-t10\_02.ppm

Val Image: S295-01-t10\_01.ppm

Precision SIFT: 0.5714285714285714

Recall SIFT: 0.56

Accuracy SIFT: 0.57

F1-Score SIFT: 0.5656565656565656

Precision AKAZE: 0.4905660377358491

Recall AKAZE: 0.52

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5048543689320388

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.57))

Folder: S307

Train Image: S307-01-t10\_01.ppm

Val Image: S307-01-t10\_02.ppm

Precision SIFT: 0.4423076923076923

Recall SIFT: 0.4693877551020408

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4554455445544555

Precision AKAZE: 0.5740740740740741

Recall AKAZE: 0.6326530612244898

Accuracy AKAZE: 0.59

F1-Score AKAZE: 0.6019417475728155

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.63))

Folder: S313

Train Image: S313-01-t10\_01.ppm

Val Image: S313-02-t10\_01.ppm

Precision SIFT: 0.4038461538461539

Recall SIFT: 0.4375

Accuracy SIFT: 0.42

F1-Score SIFT: 0.42

Precision AKAZE: 0.4137931034482759

Recall AKAZE: 0.5

Accuracy AKAZE: 0.42

F1-Score AKAZE: 0.4528301886792453

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.50))

Folder: S335

Train Image: S335-02-t10\_01.ppm

Val Image: S335-01-t10\_01.ppm

Precision SIFT: 0.48

Recall SIFT: 0.48

Accuracy SIFT: 0.48

F1-Score SIFT: 0.48

Precision AKAZE: 0.5

Recall AKAZE: 0.54

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5192307692307693

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.54))

Folder: S336

Train Image: S336-01-t10\_01.ppm

Val Image: S336-02-t10\_01.ppm

Precision SIFT: 0.5652173913043478

Recall SIFT: 0.4905660377358491

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5252525252525253

Precision AKAZE: 0.5185185185185185

Recall AKAZE: 0.5283018867924528

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5233644859813084

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.57))

Folder: S325

Train Image: S325-01-t10\_01.ppm

Val Image: S325-01-t10\_02.ppm

Precision SIFT: 0.3773584905660378

Recall SIFT: 0.4761904761904762

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4210526315789473

Precision AKAZE: 0.3777777777777778

Recall AKAZE: 0.4047619047619048

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.3908045977011494

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.48))

Folder: S324

Train Image: S324-02-t10\_01.ppm

Val Image: S324-01-t10\_01.ppm

Precision SIFT: 0.3877551020408163

Recall SIFT: 0.4042553191489361

Accuracy SIFT: 0.42

F1-Score SIFT: 0.3958333333333333

Precision AKAZE: 0.4807692307692308

Recall AKAZE: 0.5319148936170213

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5050505050505051

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.53))

Folder: S333

Train Image: S333-02-t10\_01.ppm

Val Image: S333-01-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.5

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5

Precision AKAZE: 0.5434782608695652

Recall AKAZE: 0.4807692307692308

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5102040816326531

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.54))

Folder: S331

Train Image: S331-02-t10\_01.ppm

Val Image: S331-01-t10\_01.ppm

Precision SIFT: 0.5227272727272727

Recall SIFT: 0.46

Accuracy SIFT: 0.52

F1-Score SIFT: 0.4893617021276596

Precision AKAZE: 0.4901960784313725

Recall AKAZE: 0.5

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.495049504950495

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.52))

Folder: S315

Train Image: S315-01-t10\_02.ppm

Val Image: S315-02-t10\_02.ppm

Precision SIFT: 0.5

Recall SIFT: 0.4615384615384616

Accuracy SIFT: 0.48

F1-Score SIFT: 0.48

Precision AKAZE: 0.5087719298245614

Recall AKAZE: 0.5576923076923077

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5321100917431193

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.56))

Folder: S315

Train Image: S315-01-t10\_02.ppm

Val Image: S315-02-t10\_01.ppm

Precision SIFT: 0.6212121212121212

Recall SIFT: 0.7068965517241379

Accuracy SIFT: 0.58

F1-Score SIFT: 0.6612903225806451

Precision AKAZE: 0.575

Recall AKAZE: 0.396551724137931

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4693877551020408

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.71))

Folder: S315

Train Image: S315-01-t10\_01.ppm

Val Image: S315-02-t10\_02.ppm

Precision SIFT: 0.4615384615384616

Recall SIFT: 0.5714285714285714

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5106382978723404

Precision AKAZE: 0.2978723404255319

Recall AKAZE: 0.3333333333333333

Accuracy AKAZE: 0.39

F1-Score AKAZE: 0.3146067415730337

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S315

Train Image: S315-01-t10\_01.ppm

Val Image: S315-02-t10\_01.ppm

Precision SIFT: 0.4912280701754386

Recall SIFT: 0.5714285714285714

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5283018867924528

Precision AKAZE: 0.5294117647058824

Recall AKAZE: 0.5510204081632653

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.54

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S316

Train Image: S316-07-t10\_01.ppm

Val Image: S316-03-t10\_01.ppm

Precision SIFT: 0.44

Recall SIFT: 0.4230769230769231

Accuracy SIFT: 0.42

F1-Score SIFT: 0.4313725490196079

Precision AKAZE: 0.5

Recall AKAZE: 0.4423076923076923

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4693877551020408

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.50))

Folder: S316

Train Image: S316-07-t10\_01.ppm

Val Image: S316-02-t10\_01.ppm

Precision SIFT: 0.5087719298245614

Recall SIFT: 0.6590909090909091

Accuracy SIFT: 0.57

F1-Score SIFT: 0.5742574257425742

Precision AKAZE: 0.4666666666666667

Recall AKAZE: 0.4772727272727273

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.4719101123595505

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.66))

Folder: S316

Train Image: S316-07-t10\_01.ppm

Val Image: S316-01-t10\_01.ppm

Precision SIFT: 0.4081632653061225

Recall SIFT: 0.4347826086956522

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4210526315789473

Precision AKAZE: 0.4074074074074074

Recall AKAZE: 0.4782608695652174

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.44

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.48))

Folder: S316

Train Image: S316-07-t10\_01.ppm

Val Image: S316-04-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.5

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5

Precision AKAZE: 0.4814814814814815

Recall AKAZE: 0.5

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4905660377358491

Best Method (Metrics): SIFT (SIFT memiliki F1-Score lebih tinggi (0.50))

Folder: S316

Train Image: S316-08-t10\_01.ppm

Val Image: S316-03-t10\_01.ppm

Precision SIFT: 0.625

Recall SIFT: 0.5263157894736842

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5714285714285714

Precision AKAZE: 0.6363636363636364

Recall AKAZE: 0.4912280701754386

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5544554455445545

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.64))

Folder: S316

Train Image: S316-08-t10\_01.ppm

Val Image: S316-02-t10\_01.ppm

Precision SIFT: 0.5652173913043478

Recall SIFT: 0.4814814814814815

Accuracy SIFT: 0.52

F1-Score SIFT: 0.52

Precision AKAZE: 0.5714285714285714

Recall AKAZE: 0.5185185185185185

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5436893203883495

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.57))

Folder: S316

Train Image: S316-08-t10\_01.ppm

Val Image: S316-01-t10\_01.ppm

Precision SIFT: 0.6296296296296297

Recall SIFT: 0.5483870967741935

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5862068965517241

Precision AKAZE: 0.6046511627906976

Recall AKAZE: 0.4193548387096774

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4952380952380953

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.63))

Folder: S316

Train Image: S316-08-t10\_01.ppm

Val Image: S316-04-t10\_01.ppm

Precision SIFT: 0.5454545454545454

Recall SIFT: 0.4137931034482759

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4705882352941176

Precision AKAZE: 0.5686274509803921

Recall AKAZE: 0.5

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5321100917431193

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.57))

Folder: S316

Train Image: S316-05-t10\_01.ppm

Val Image: S316-03-t10\_01.ppm

Precision SIFT: 0.38

Recall SIFT: 0.4042553191489361

Accuracy SIFT: 0.41

F1-Score SIFT: 0.3917525773195876

Precision AKAZE: 0.4259259259259259

Recall AKAZE: 0.4893617021276596

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4554455445544555

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.49))

Folder: S316

Train Image: S316-05-t10\_01.ppm

Val Image: S316-02-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.4489795918367347

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4731182795698925

Precision AKAZE: 0.5192307692307693

Recall AKAZE: 0.5510204081632653

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5346534653465347

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.55))

Folder: S316

Train Image: S316-05-t10\_01.ppm

Val Image: S316-01-t10\_01.ppm

Precision SIFT: 0.52

Recall SIFT: 0.5098039215686274

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5148514851485149

Precision AKAZE: 0.5227272727272727

Recall AKAZE: 0.4509803921568628

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4842105263157895

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.52))

Folder: S316

Train Image: S316-05-t10\_01.ppm

Val Image: S316-04-t10\_01.ppm

Precision SIFT: 0.5102040816326531

Recall SIFT: 0.4716981132075472

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4901960784313725

Precision AKAZE: 0.5660377358490566

Recall AKAZE: 0.5660377358490566

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5660377358490566

Best Method (Metrics): AKAZE (AKAZE memiliki F1-Score lebih tinggi (0.57))

Folder: S316

Train Image: S316-06-t10\_01.ppm

Val Image: S316-03-t10\_01.ppm

Precision SIFT: 0.5535714285714286

Recall SIFT: 0.5740740740740741

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5636363636363636

Precision AKAZE: 0.4651162790697674

Recall AKAZE: 0.3703703703703703

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.4123711340206185

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S316

Train Image: S316-06-t10\_01.ppm

Val Image: S316-02-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.462962962962963

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4807692307692308

Precision AKAZE: 0.5416666666666666

Recall AKAZE: 0.4814814814814815

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5098039215686274

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.54))

Folder: S316

Train Image: S316-06-t10\_01.ppm

Val Image: S316-01-t10\_01.ppm

Precision SIFT: 0.3958333333333333

Recall SIFT: 0.4523809523809524

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4222222222222222

Precision AKAZE: 0.3888888888888889

Recall AKAZE: 0.5

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4375

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.50))

Folder: S316

Train Image: S316-06-t10\_01.ppm

Val Image: S316-04-t10\_01.ppm

Precision SIFT: 0.4897959183673469

Recall SIFT: 0.5

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4948453608247423

Precision AKAZE: 0.4642857142857143

Recall AKAZE: 0.5416666666666666

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.5

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.54))

Folder: S321

Train Image: S321-03-t10\_02.ppm

Val Image: S321-03-t10\_01.ppm

Precision SIFT: 0.4893617021276596

Recall SIFT: 0.4423076923076923

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4646464646464646

Precision AKAZE: 0.52

Recall AKAZE: 0.5

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5098039215686274

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.52))

Folder: S321

Train Image: S321-03-t10\_02.ppm

Val Image: S321-01-t10\_01.ppm

Precision SIFT: 0.3958333333333333

Recall SIFT: 0.4130434782608696

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4042553191489361

Precision AKAZE: 0.4313725490196079

Recall AKAZE: 0.4782608695652174

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4536082474226804

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.48))

Folder: S321

Train Image: S321-03-t10\_02.ppm

Val Image: S321-02-t10\_01.ppm

Precision SIFT: 0.3409090909090909

Recall SIFT: 0.3061224489795918

Accuracy SIFT: 0.37

F1-Score SIFT: 0.3225806451612903

Precision AKAZE: 0.4888888888888889

Recall AKAZE: 0.4489795918367347

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4680851063829787

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.50))

Folder: S364

Train Image: S364-02-t10\_01.ppm

Val Image: S364-01-t10\_01.ppm

Precision SIFT: 0.525

Recall SIFT: 0.4285714285714285

Accuracy SIFT: 0.53

F1-Score SIFT: 0.4719101123595505

Precision AKAZE: 0.5306122448979592

Recall AKAZE: 0.5306122448979592

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5306122448979592

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.54))

Folder: S357

Train Image: S357-02-t10\_01.ppm

Val Image: S357-01-t10\_01.ppm

Precision SIFT: 0.5454545454545454

Recall SIFT: 0.5660377358490566

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5555555555555556

Precision AKAZE: 0.5471698113207547

Recall AKAZE: 0.5471698113207547

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5471698113207547

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S355

Train Image: S355-01-t10\_01.ppm

Val Image: S355-02-t10\_01.ppm

Precision SIFT: 0.4680851063829787

Recall SIFT: 0.4313725490196079

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4489795918367347

Precision AKAZE: 0.5614035087719298

Recall AKAZE: 0.6274509803921569

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.5925925925925926

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.63))

Folder: S341

Train Image: S341-01-t10\_01.ppm

Val Image: S341-02-t10\_01.ppm

Precision SIFT: 0.4782608695652174

Recall SIFT: 0.4230769230769231

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4489795918367347

Precision AKAZE: 0.4680851063829787

Recall AKAZE: 0.4230769230769231

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4444444444444444

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.48))

Folder: S352

Train Image: S352-03-t10\_01.ppm

Val Image: S352-01-t10\_01.ppm

Precision SIFT: 0.5416666666666666

Recall SIFT: 0.5306122448979592

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5360824742268041

Precision AKAZE: 0.5

Recall AKAZE: 0.5102040816326531

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5050505050505051

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.55))

Folder: S352

Train Image: S352-03-t10\_01.ppm

Val Image: S352-02-t10\_01.ppm

Precision SIFT: 0.6274509803921569

Recall SIFT: 0.4923076923076923

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5517241379310345

Precision AKAZE: 0.5882352941176471

Recall AKAZE: 0.4615384615384616

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.5172413793103449

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.63))

Folder: S352

Train Image: S352-04-t10\_01.ppm

Val Image: S352-01-t10\_01.ppm

Precision SIFT: 0.4130434782608696

Recall SIFT: 0.3877551020408163

Accuracy SIFT: 0.43

F1-Score SIFT: 0.4

Precision AKAZE: 0.5384615384615384

Recall AKAZE: 0.5714285714285714

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5544554455445545

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.57))

Folder: S352

Train Image: S352-04-t10\_01.ppm

Val Image: S352-02-t10\_01.ppm

Precision SIFT: 0.4716981132075472

Recall SIFT: 0.4901960784313725

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4807692307692308

Precision AKAZE: 0.5686274509803921

Recall AKAZE: 0.5686274509803921

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.5686274509803921

Best Method (Metrics): AKAZE (AKAZE memiliki F1-Score lebih tinggi (0.57))

Folder: S346

Train Image: S346-02-t10\_01.ppm

Val Image: S346-03-t10\_01.ppm

Precision SIFT: 0.48

Recall SIFT: 0.4615384615384616

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4705882352941176

Precision AKAZE: 0.5111111111111111

Recall AKAZE: 0.4423076923076923

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4742268041237113

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.51))

Folder: S346

Train Image: S346-01-t10\_01.ppm

Val Image: S346-03-t10\_01.ppm

Precision SIFT: 0.5510204081632653

Recall SIFT: 0.4821428571428572

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5142857142857142

Precision AKAZE: 0.65

Recall AKAZE: 0.4642857142857143

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.5416666666666666

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.65))

Folder: S354

Train Image: S354-02-t10\_01.ppm

Val Image: S354-04-t10\_01.ppm

Precision SIFT: 0.5208333333333334

Recall SIFT: 0.5208333333333334

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5208333333333334

Precision AKAZE: 0.4565217391304348

Recall AKAZE: 0.4375

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4468085106382979

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.54))

Folder: S354

Train Image: S354-02-t10\_01.ppm

Val Image: S354-03-t10\_01.ppm

Precision SIFT: 0.5111111111111111

Recall SIFT: 0.4423076923076923

Accuracy SIFT: 0.49

F1-Score SIFT: 0.4742268041237113

Precision AKAZE: 0.5178571428571429

Recall AKAZE: 0.5576923076923077

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5370370370370371

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.56))

Folder: S354

Train Image: S354-02-t10\_01.ppm

Val Image: S354-01-t10\_01.ppm

Precision SIFT: 0.425531914893617

Recall SIFT: 0.4166666666666667

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4210526315789473

Precision AKAZE: 0.5217391304347826

Recall AKAZE: 0.5

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5106382978723404

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.54))

Folder: S353

Train Image: S353-03-t10\_01.ppm

Val Image: S353-08-t10\_01.ppm

Precision SIFT: 0.4878048780487805

Recall SIFT: 0.4

Accuracy SIFT: 0.49

F1-Score SIFT: 0.4395604395604396

Precision AKAZE: 0.4528301886792453

Recall AKAZE: 0.48

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4660194174757282

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.49))

Folder: S353

Train Image: S353-03-t10\_01.ppm

Val Image: S353-05-t10\_01.ppm

Precision SIFT: 0.6875

Recall SIFT: 0.5409836065573771

Accuracy SIFT: 0.57

F1-Score SIFT: 0.6055045871559633

Precision AKAZE: 0.5652173913043478

Recall AKAZE: 0.4262295081967213

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.485981308411215

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.69))

Folder: S353

Train Image: S353-01-t10\_01.ppm

Val Image: S353-08-t10\_01.ppm

Precision SIFT: 0.5714285714285714

Recall SIFT: 0.48

Accuracy SIFT: 0.56

F1-Score SIFT: 0.5217391304347826

Precision AKAZE: 0.4716981132075472

Recall AKAZE: 0.5

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4854368932038835

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.57))

Folder: S353

Train Image: S353-01-t10\_01.ppm

Val Image: S353-05-t10\_01.ppm

Precision SIFT: 0.4583333333333333

Recall SIFT: 0.4583333333333333

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4583333333333333

Precision AKAZE: 0.44

Recall AKAZE: 0.4583333333333333

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4489795918367347

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.48))

Folder: S353

Train Image: S353-02-t10\_01.ppm

Val Image: S353-08-t10\_01.ppm

Precision SIFT: 0.5490196078431373

Recall SIFT: 0.4912280701754386

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5185185185185185

Precision AKAZE: 0.4418604651162791

Recall AKAZE: 0.3333333333333333

Accuracy AKAZE: 0.38

F1-Score AKAZE: 0.38

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.55))

Folder: S353

Train Image: S353-02-t10\_01.ppm

Val Image: S353-05-t10\_01.ppm

Precision SIFT: 0.3958333333333333

Recall SIFT: 0.4130434782608696

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4042553191489361

Precision AKAZE: 0.4347826086956522

Recall AKAZE: 0.4347826086956522

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4347826086956522

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.48))

Folder: S353

Train Image: S353-06-t10\_01.ppm

Val Image: S353-08-t10\_01.ppm

Precision SIFT: 0.58

Recall SIFT: 0.5370370370370371

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5576923076923077

Precision AKAZE: 0.5272727272727272

Recall AKAZE: 0.5370370370370371

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5321100917431193

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.58))

Folder: S353

Train Image: S353-06-t10\_01.ppm

Val Image: S353-05-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.4901960784313725

Accuracy SIFT: 0.49

F1-Score SIFT: 0.495049504950495

Precision AKAZE: 0.4716981132075472

Recall AKAZE: 0.4901960784313725

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4807692307692308

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.50))

Folder: S353

Train Image: S353-07-t10\_01.ppm

Val Image: S353-08-t10\_01.ppm

Precision SIFT: 0.3461538461538461

Recall SIFT: 0.4864864864864865

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4044943820224719

Precision AKAZE: 0.2777777777777778

Recall AKAZE: 0.4054054054054054

Accuracy AKAZE: 0.39

F1-Score AKAZE: 0.3296703296703297

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.49))

Folder: S353

Train Image: S353-07-t10\_01.ppm

Val Image: S353-05-t10\_01.ppm

Precision SIFT: 0.4444444444444444

Recall SIFT: 0.3846153846153846

Accuracy SIFT: 0.43

F1-Score SIFT: 0.4123711340206185

Precision AKAZE: 0.6326530612244898

Recall AKAZE: 0.5961538461538461

Accuracy AKAZE: 0.61

F1-Score AKAZE: 0.6138613861386139

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.63))

Folder: S353

Train Image: S353-04-t10\_01.ppm

Val Image: S353-08-t10\_01.ppm

Precision SIFT: 0.4888888888888889

Recall SIFT: 0.4680851063829787

Accuracy SIFT: 0.52

F1-Score SIFT: 0.4782608695652174

Precision AKAZE: 0.3863636363636364

Recall AKAZE: 0.3617021276595745

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.3736263736263736

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.52))

Folder: S353

Train Image: S353-04-t10\_01.ppm

Val Image: S353-05-t10\_01.ppm

Precision SIFT: 0.4418604651162791

Recall SIFT: 0.4523809523809524

Accuracy SIFT: 0.53

F1-Score SIFT: 0.4470588235294118

Precision AKAZE: 0.4

Recall AKAZE: 0.5238095238095238

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4536082474226804

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.53))

Folder: S351

Train Image: S351-01-t10\_01.ppm

Val Image: S351-02-t10\_01.ppm

Precision SIFT: 0.5531914893617021

Recall SIFT: 0.4642857142857143

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5048543689320388

Precision AKAZE: 0.5681818181818182

Recall AKAZE: 0.4464285714285715

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.57))

Folder: S350

Train Image: S350-02-t10\_01.ppm

Val Image: S350-01-t10\_01.ppm

Precision SIFT: 0.5227272727272727

Recall SIFT: 0.4791666666666667

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5

Precision AKAZE: 0.4528301886792453

Recall AKAZE: 0.5

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4752475247524752

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.54))

Folder: S375

Train Image: S375-02-t10\_01.ppm

Val Image: S375-01-t10\_01.ppm

Precision SIFT: 0.5094339622641509

Recall SIFT: 0.5

Accuracy SIFT: 0.47

F1-Score SIFT: 0.5046728971962616

Precision AKAZE: 0.4634146341463415

Recall AKAZE: 0.3518518518518519

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.4

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.51))

Folder: S382

Train Image: S382-05-t10\_01.ppm

Val Image: S382-08-t10\_01.ppm

Precision SIFT: 0.4888888888888889

Recall SIFT: 0.4680851063829787

Accuracy SIFT: 0.52

F1-Score SIFT: 0.4782608695652174

Precision AKAZE: 0.48

Recall AKAZE: 0.5106382978723404

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4948453608247423

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.52))

Folder: S382

Train Image: S382-05-t10\_01.ppm

Val Image: S382-10-t10\_01.ppm

Precision SIFT: 0.45

Recall SIFT: 0.4090909090909091

Accuracy SIFT: 0.52

F1-Score SIFT: 0.4285714285714285

Precision AKAZE: 0.4230769230769231

Recall AKAZE: 0.5

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4583333333333333

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.52))

Folder: S382

Train Image: S382-05-t10\_01.ppm

Val Image: S382-01-t10\_01.ppm

Precision SIFT: 0.6

Recall SIFT: 0.66

Accuracy SIFT: 0.61

F1-Score SIFT: 0.6285714285714286

Precision AKAZE: 0.5344827586206896

Recall AKAZE: 0.62

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5740740740740741

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.66))

Folder: S382

Train Image: S382-05-t10\_01.ppm

Val Image: S382-06-t10\_01.ppm

Precision SIFT: 0.5490196078431373

Recall SIFT: 0.509090909090909

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5283018867924528

Precision AKAZE: 0.55

Recall AKAZE: 0.6

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5739130434782609

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.60))

Folder: S382

Train Image: S382-05-t10\_01.ppm

Val Image: S382-03-t10\_01.ppm

Precision SIFT: 0.5964912280701754

Recall SIFT: 0.6666666666666666

Accuracy SIFT: 0.6

F1-Score SIFT: 0.6296296296296297

Precision AKAZE: 0.5434782608695652

Recall AKAZE: 0.4901960784313725

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5154639175257731

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.67))

Folder: S382

Train Image: S382-05-t10\_01.ppm

Val Image: S382-02-t10\_01.ppm

Precision SIFT: 0.3829787234042553

Recall SIFT: 0.3673469387755102

Accuracy SIFT: 0.4

F1-Score SIFT: 0.375

Precision AKAZE: 0.5272727272727272

Recall AKAZE: 0.5918367346938775

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5576923076923077

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.59))

Folder: S382

Train Image: S382-05-t10\_01.ppm

Val Image: S382-07-t10\_01.ppm

Precision SIFT: 0.3725490196078431

Recall SIFT: 0.4318181818181818

Accuracy SIFT: 0.43

F1-Score SIFT: 0.4

Precision AKAZE: 0.4363636363636363

Recall AKAZE: 0.5454545454545454

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4848484848484849

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.55))

Folder: S382

Train Image: S382-09-t10\_01.ppm

Val Image: S382-08-t10\_01.ppm

Precision SIFT: 0.4444444444444444

Recall SIFT: 0.4

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4210526315789473

Precision AKAZE: 0.5434782608695652

Recall AKAZE: 0.5

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5208333333333334

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.54))

Folder: S382

Train Image: S382-09-t10\_01.ppm

Val Image: S382-10-t10\_01.ppm

Precision SIFT: 0.4897959183673469

Recall SIFT: 0.4285714285714285

Accuracy SIFT: 0.43

F1-Score SIFT: 0.4571428571428571

Precision AKAZE: 0.5416666666666666

Recall AKAZE: 0.4642857142857143

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.5

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.54))

Folder: S382

Train Image: S382-09-t10\_01.ppm

Val Image: S382-01-t10\_01.ppm

Precision SIFT: 0.6326530612244898

Recall SIFT: 0.5849056603773585

Accuracy SIFT: 0.6

F1-Score SIFT: 0.6078431372549019

Precision AKAZE: 0.5689655172413793

Recall AKAZE: 0.6226415094339622

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5945945945945946

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.63))

Folder: S382

Train Image: S382-09-t10\_01.ppm

Val Image: S382-06-t10\_01.ppm

Precision SIFT: 0.5869565217391305

Recall SIFT: 0.5

Accuracy SIFT: 0.54

F1-Score SIFT: 0.54

Precision AKAZE: 0.509090909090909

Recall AKAZE: 0.5185185185185185

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.5137614678899083

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.59))

Folder: S382

Train Image: S382-09-t10\_01.ppm

Val Image: S382-03-t10\_01.ppm

Precision SIFT: 0.6122448979591837

Recall SIFT: 0.5660377358490566

Accuracy SIFT: 0.58

F1-Score SIFT: 0.5882352941176471

Precision AKAZE: 0.5294117647058824

Recall AKAZE: 0.5094339622641509

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5192307692307693

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.61))

Folder: S382

Train Image: S382-09-t10\_01.ppm

Val Image: S382-02-t10\_01.ppm

Precision SIFT: 0.4583333333333333

Recall SIFT: 0.4782608695652174

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4680851063829787

Precision AKAZE: 0.4285714285714285

Recall AKAZE: 0.5217391304347826

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4705882352941176

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.52))

Folder: S382

Train Image: S382-09-t10\_01.ppm

Val Image: S382-07-t10\_01.ppm

Precision SIFT: 0.5957446808510638

Recall SIFT: 0.6086956521739131

Accuracy SIFT: 0.63

F1-Score SIFT: 0.6021505376344086

Precision AKAZE: 0.3846153846153846

Recall AKAZE: 0.4347826086956522

Accuracy AKAZE: 0.42

F1-Score AKAZE: 0.4081632653061225

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.63))

Folder: S382

Train Image: S382-04-t10\_01.ppm

Val Image: S382-08-t10\_01.ppm

Precision SIFT: 0.4905660377358491

Recall SIFT: 0.5416666666666666

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5148514851485149

Precision AKAZE: 0.4888888888888889

Recall AKAZE: 0.4583333333333333

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4731182795698925

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.54))

Folder: S382

Train Image: S382-04-t10\_01.ppm

Val Image: S382-10-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.3888888888888889

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4375

Precision AKAZE: 0.5833333333333334

Recall AKAZE: 0.5185185185185185

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5490196078431373

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.58))

Folder: S382

Train Image: S382-04-t10\_01.ppm

Val Image: S382-01-t10\_01.ppm

Precision SIFT: 0.4285714285714285

Recall SIFT: 0.4090909090909091

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4186046511627907

Precision AKAZE: 0.4583333333333333

Recall AKAZE: 0.5

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.4782608695652174

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.52))

Folder: S382

Train Image: S382-04-t10\_01.ppm

Val Image: S382-06-t10\_01.ppm

Precision SIFT: 0.26

Recall SIFT: 0.3421052631578947

Accuracy SIFT: 0.38

F1-Score SIFT: 0.2954545454545455

Precision AKAZE: 0.42

Recall AKAZE: 0.5526315789473685

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.4772727272727273

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.55))

Folder: S382

Train Image: S382-04-t10\_01.ppm

Val Image: S382-03-t10\_01.ppm

Precision SIFT: 0.6

Recall SIFT: 0.5689655172413793

Accuracy SIFT: 0.53

F1-Score SIFT: 0.584070796460177

Precision AKAZE: 0.6304347826086957

Recall AKAZE: 0.5

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5576923076923077

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.63))

Folder: S382

Train Image: S382-04-t10\_01.ppm

Val Image: S382-02-t10\_01.ppm

Precision SIFT: 0.5686274509803921

Recall SIFT: 0.5576923076923077

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5631067961165048

Precision AKAZE: 0.5625

Recall AKAZE: 0.5192307692307693

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.54

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.57))

Folder: S382

Train Image: S382-04-t10\_01.ppm

Val Image: S382-07-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.5434782608695652

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5208333333333334

Precision AKAZE: 0.4150943396226415

Recall AKAZE: 0.4782608695652174

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4444444444444444

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.54))

Folder: S385

Train Image: S385-02-t10\_01.ppm

Val Image: S385-01-t10\_01.ppm

Precision SIFT: 0.5576923076923077

Recall SIFT: 0.5178571428571429

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5370370370370371

Precision AKAZE: 0.5555555555555556

Recall AKAZE: 0.4464285714285715

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.495049504950495

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.56))

Folder: S384

Train Image: S384-01-t10\_01.ppm

Val Image: S384-02-t10\_01.ppm

Precision SIFT: 0.4888888888888889

Recall SIFT: 0.4583333333333333

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4731182795698925

Precision AKAZE: 0.5098039215686274

Recall AKAZE: 0.5416666666666666

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5252525252525253

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.54))

Folder: S373

Train Image: S373-06-t10\_01.ppm

Val Image: S373-05-t10\_01.ppm

Precision SIFT: 0.5370370370370371

Recall SIFT: 0.5178571428571429

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5272727272727272

Precision AKAZE: 0.6530612244897959

Recall AKAZE: 0.5714285714285714

Accuracy AKAZE: 0.59

F1-Score AKAZE: 0.6095238095238096

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.65))

Folder: S373

Train Image: S373-06-t10\_01.ppm

Val Image: S373-02-t10\_01.ppm

Precision SIFT: 0.5192307692307693

Recall SIFT: 0.5094339622641509

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5142857142857142

Precision AKAZE: 0.6

Recall AKAZE: 0.6792452830188679

Accuracy AKAZE: 0.59

F1-Score AKAZE: 0.6371681415929203

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.68))

Folder: S373

Train Image: S373-06-t10\_01.ppm

Val Image: S373-04-t10\_01.ppm

Precision SIFT: 0.4909090909090909

Recall SIFT: 0.5094339622641509

Accuracy SIFT: 0.46

F1-Score SIFT: 0.5

Precision AKAZE: 0.4901960784313725

Recall AKAZE: 0.4716981132075472

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4807692307692308

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.51))

Folder: S373

Train Image: S373-01-t10\_01.ppm

Val Image: S373-05-t10\_01.ppm

Precision SIFT: 0.3461538461538461

Recall SIFT: 0.4285714285714285

Accuracy SIFT: 0.42

F1-Score SIFT: 0.3829787234042553

Precision AKAZE: 0.4

Recall AKAZE: 0.4285714285714285

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4137931034482759

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.49))

Folder: S373

Train Image: S373-01-t10\_01.ppm

Val Image: S373-02-t10\_01.ppm

Precision SIFT: 0.4464285714285715

Recall SIFT: 0.5102040816326531

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4761904761904762

Precision AKAZE: 0.5098039215686274

Recall AKAZE: 0.5306122448979592

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.52

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.53))

Folder: S373

Train Image: S373-01-t10\_01.ppm

Val Image: S373-04-t10\_01.ppm

Precision SIFT: 0.5384615384615384

Recall SIFT: 0.4912280701754386

Accuracy SIFT: 0.47

F1-Score SIFT: 0.5137614678899083

Precision AKAZE: 0.5833333333333334

Recall AKAZE: 0.4912280701754386

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5333333333333333

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.58))

Folder: S373

Train Image: S373-03-t10\_01.ppm

Val Image: S373-05-t10\_01.ppm

Precision SIFT: 0.4833333333333333

Recall SIFT: 0.5576923076923077

Accuracy SIFT: 0.46

F1-Score SIFT: 0.5178571428571429

Precision AKAZE: 0.52

Recall AKAZE: 0.5

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5098039215686274

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.56))

Folder: S373

Train Image: S373-03-t10\_01.ppm

Val Image: S373-02-t10\_01.ppm

Precision SIFT: 0.4285714285714285

Recall SIFT: 0.5714285714285714

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4897959183673469

Precision AKAZE: 0.4897959183673469

Recall AKAZE: 0.5714285714285714

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5274725274725275

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S373

Train Image: S373-03-t10\_01.ppm

Val Image: S373-04-t10\_01.ppm

Precision SIFT: 0.5098039215686274

Recall SIFT: 0.4727272727272727

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4905660377358491

Precision AKAZE: 0.4821428571428572

Recall AKAZE: 0.4909090909090909

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.4864864864864865

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.51))

Folder: S383

Train Image: S383-02-t10\_01.ppm

Val Image: S383-01-t10\_01.ppm

Precision SIFT: 0.5555555555555556

Recall SIFT: 0.5769230769230769

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5660377358490566

Precision AKAZE: 0.4634146341463415

Recall AKAZE: 0.3653846153846154

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4086021505376344

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.58))

Folder: S380

Train Image: S380-02-t10\_01.ppm

Val Image: S380-01-t10\_01.ppm

Precision SIFT: 0.5454545454545454

Recall SIFT: 0.5357142857142857

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5405405405405406

Precision AKAZE: 0.5306122448979592

Recall AKAZE: 0.4642857142857143

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4952380952380953

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.55))

Folder: S380

Train Image: S380-02-t10\_01.ppm

Val Image: S380-07-t10\_01.ppm

Precision SIFT: 0.5102040816326531

Recall SIFT: 0.4385964912280702

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4716981132075472

Precision AKAZE: 0.5714285714285714

Recall AKAZE: 0.5614035087719298

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5663716814159292

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.57))

Folder: S380

Train Image: S380-02-t10\_01.ppm

Val Image: S380-04-t10\_01.ppm

Precision SIFT: 0.3846153846153846

Recall SIFT: 0.3333333333333333

Accuracy SIFT: 0.46

F1-Score SIFT: 0.3571428571428572

Precision AKAZE: 0.3725490196078431

Recall AKAZE: 0.4222222222222222

Accuracy AKAZE: 0.42

F1-Score AKAZE: 0.3958333333333333

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.46))

Folder: S380

Train Image: S380-02-t10\_01.ppm

Val Image: S380-05-t10\_01.ppm

Precision SIFT: 0.4528301886792453

Recall SIFT: 0.4897959183673469

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4705882352941176

Precision AKAZE: 0.4666666666666667

Recall AKAZE: 0.4285714285714285

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4468085106382979

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.49))

Folder: S380

Train Image: S380-06-t10\_01.ppm

Val Image: S380-01-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.6170212765957447

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5523809523809524

Precision AKAZE: 0.5217391304347826

Recall AKAZE: 0.5106382978723404

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5161290322580645

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.62))

Folder: S380

Train Image: S380-06-t10\_01.ppm

Val Image: S380-07-t10\_01.ppm

Precision SIFT: 0.5681818181818182

Recall SIFT: 0.4807692307692308

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5208333333333334

Precision AKAZE: 0.532258064516129

Recall AKAZE: 0.6346153846153846

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5789473684210527

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.63))

Folder: S380

Train Image: S380-06-t10\_01.ppm

Val Image: S380-04-t10\_01.ppm

Precision SIFT: 0.6181818181818182

Recall SIFT: 0.5862068965517241

Accuracy SIFT: 0.55

F1-Score SIFT: 0.6017699115044248

Precision AKAZE: 0.5882352941176471

Recall AKAZE: 0.5172413793103449

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5504587155963303

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.62))

Folder: S380

Train Image: S380-06-t10\_01.ppm

Val Image: S380-05-t10\_01.ppm

Precision SIFT: 0.4583333333333333

Recall SIFT: 0.44

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4489795918367347

Precision AKAZE: 0.4871794871794872

Recall AKAZE: 0.38

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4269662921348314

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.49))

Folder: S380

Train Image: S380-03-t10\_01.ppm

Val Image: S380-01-t10\_01.ppm

Precision SIFT: 0.4807692307692308

Recall SIFT: 0.5319148936170213

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5050505050505051

Precision AKAZE: 0.3846153846153846

Recall AKAZE: 0.425531914893617

Accuracy AKAZE: 0.41

F1-Score AKAZE: 0.404040404040404

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.53))

Folder: S380

Train Image: S380-03-t10\_01.ppm

Val Image: S380-07-t10\_01.ppm

Precision SIFT: 0.5714285714285714

Recall SIFT: 0.5517241379310345

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5614035087719298

Precision AKAZE: 0.6595744680851063

Recall AKAZE: 0.5344827586206896

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5904761904761905

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.66))

Folder: S380

Train Image: S380-03-t10\_01.ppm

Val Image: S380-04-t10\_01.ppm

Precision SIFT: 0.5116279069767442

Recall SIFT: 0.4150943396226415

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4583333333333333

Precision AKAZE: 0.62

Recall AKAZE: 0.5849056603773585

Accuracy AKAZE: 0.59

F1-Score AKAZE: 0.6019417475728155

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.62))

Folder: S380

Train Image: S380-03-t10\_01.ppm

Val Image: S380-05-t10\_01.ppm

Precision SIFT: 0.4915254237288136

Recall SIFT: 0.6170212765957447

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5471698113207547

Precision AKAZE: 0.4081632653061225

Recall AKAZE: 0.425531914893617

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.4166666666666667

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.62))

Folder: S381

Train Image: S381-02-t10\_01.ppm

Val Image: S381-01-t10\_01.ppm

Precision SIFT: 0.6078431372549019

Recall SIFT: 0.6595744680851063

Accuracy SIFT: 0.64

F1-Score SIFT: 0.6326530612244898

Precision AKAZE: 0.4827586206896552

Recall AKAZE: 0.5957446808510638

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5333333333333333

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.66))

Folder: S376

Train Image: S376-01-t10\_01.ppm

Val Image: S376-02-t10\_01.ppm

Precision SIFT: 0.4693877551020408

Recall SIFT: 0.4791666666666667

Accuracy SIFT: 0.49

F1-Score SIFT: 0.4742268041237113

Precision AKAZE: 0.4897959183673469

Recall AKAZE: 0.5

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4948453608247423

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.51))

Folder: S376

Train Image: S376-01-t10\_01.ppm

Val Image: S376-03-t10\_01.ppm

Precision SIFT: 0.4772727272727273

Recall SIFT: 0.4565217391304348

Accuracy SIFT: 0.52

F1-Score SIFT: 0.4666666666666667

Precision AKAZE: 0.4339622641509434

Recall AKAZE: 0.5

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4646464646464646

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.52))

Folder: S367

Train Image: S367-02-t10\_01.ppm

Val Image: S367-01-t10\_01.ppm

Precision SIFT: 0.4074074074074074

Recall SIFT: 0.4888888888888889

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4444444444444444

Precision AKAZE: 0.4285714285714285

Recall AKAZE: 0.4

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4137931034482759

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.49))

Folder: S389

Train Image: S389-02-t10\_01.ppm

Val Image: S389-01-t10\_01.ppm

Precision SIFT: 0.5294117647058824

Recall SIFT: 0.5094339622641509

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5192307692307693

Precision AKAZE: 0.5531914893617021

Recall AKAZE: 0.4905660377358491

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.52

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.55))

Folder: S394

Train Image: S394-02-t10\_01.ppm

Val Image: S394-01-t10\_01.ppm

Precision SIFT: 0.4259259259259259

Recall SIFT: 0.4509803921568628

Accuracy SIFT: 0.41

F1-Score SIFT: 0.4380952380952381

Precision AKAZE: 0.5423728813559322

Recall AKAZE: 0.6274509803921569

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5818181818181818

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.63))

Folder: S394

Train Image: S394-03-t10\_01.ppm

Val Image: S394-01-t10\_01.ppm

Precision SIFT: 0.5135135135135135

Recall SIFT: 0.4130434782608696

Accuracy SIFT: 0.55

F1-Score SIFT: 0.4578313253012048

Precision AKAZE: 0.5106382978723404

Recall AKAZE: 0.5217391304347826

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5161290322580645

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.55))

Folder: S394

Train Image: S394-04-t10\_01.ppm

Val Image: S394-01-t10\_01.ppm

Precision SIFT: 0.5714285714285714

Recall SIFT: 0.4745762711864407

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5185185185185185

Precision AKAZE: 0.58

Recall AKAZE: 0.4915254237288136

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5321100917431193

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.58))

Folder: S394

Train Image: S394-05-t10\_01.ppm

Val Image: S394-01-t10\_01.ppm

Precision SIFT: 0.509090909090909

Recall SIFT: 0.6363636363636364

Accuracy SIFT: 0.57

F1-Score SIFT: 0.5656565656565656

Precision AKAZE: 0.4489795918367347

Recall AKAZE: 0.5

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4731182795698925

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.64))

Folder: S395

Train Image: S395-02-t10\_01.ppm

Val Image: S395-01-t10\_01.ppm

Precision SIFT: 0.6041666666666666

Recall SIFT: 0.5178571428571429

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5576923076923077

Precision AKAZE: 0.5535714285714286

Recall AKAZE: 0.5535714285714286

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5535714285714286

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.60))

Folder: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

Precision SIFT: 0.4545454545454545

Recall SIFT: 0.5102040816326531

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4807692307692308

Precision AKAZE: 0.4222222222222222

Recall AKAZE: 0.3877551020408163

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.4042553191489361

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.51))

Folder: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

Precision SIFT: 0.4888888888888889

Recall SIFT: 0.4230769230769231

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4536082474226804

Precision AKAZE: 0.52

Recall AKAZE: 0.5

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5098039215686274

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.52))

Folder: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

Precision SIFT: 0.4545454545454545

Recall SIFT: 0.4081632653061225

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4301075268817204

Precision AKAZE: 0.4901960784313725

Recall AKAZE: 0.5102040816326531

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.51))

Folder: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

Precision SIFT: 0.5740740740740741

Recall SIFT: 0.5636363636363636

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5688073394495413

Precision AKAZE: 0.4912280701754386

Recall AKAZE: 0.509090909090909

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.5

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.57))

Folder: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

Precision SIFT: 0.4705882352941176

Recall SIFT: 0.5

Accuracy SIFT: 0.49

F1-Score SIFT: 0.4848484848484849

Precision AKAZE: 0.5294117647058824

Recall AKAZE: 0.5625

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5454545454545454

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.56))

Folder: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

Precision SIFT: 0.5098039215686274

Recall SIFT: 0.5777777777777777

Accuracy SIFT: 0.56

F1-Score SIFT: 0.5416666666666666

Precision AKAZE: 0.4107142857142857

Recall AKAZE: 0.5111111111111111

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4554455445544555

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.58))

Folder: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.3508771929824561

Accuracy SIFT: 0.43

F1-Score SIFT: 0.4123711340206185

Precision AKAZE: 0.6170212765957447

Recall AKAZE: 0.5087719298245614

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5576923076923077

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.62))

Folder: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

Precision SIFT: 0.6666666666666666

Recall SIFT: 0.6101694915254238

Accuracy SIFT: 0.59

F1-Score SIFT: 0.6371681415929203

Precision AKAZE: 0.54

Recall AKAZE: 0.4576271186440678

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4954128440366973

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.67))

Folder: S388

Train Image: S388-02-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

Precision SIFT: 0.627906976744186

Recall SIFT: 0.5094339622641509

Accuracy SIFT: 0.58

F1-Score SIFT: 0.5625

Precision AKAZE: 0.6078431372549019

Recall AKAZE: 0.5849056603773585

Accuracy AKAZE: 0.58

F1-Score AKAZE: 0.5961538461538461

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.63))

Folder: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

Precision SIFT: 0.4893617021276596

Recall SIFT: 0.4509803921568628

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4693877551020408

Precision AKAZE: 0.4545454545454545

Recall AKAZE: 0.392156862745098

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4210526315789473

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.49))

Folder: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

Precision SIFT: 0.5333333333333333

Recall SIFT: 0.5217391304347826

Accuracy SIFT: 0.57

F1-Score SIFT: 0.5274725274725275

Precision AKAZE: 0.5813953488372093

Recall AKAZE: 0.5434782608695652

Accuracy AKAZE: 0.61

F1-Score AKAZE: 0.5617977528089888

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.61))

Folder: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

Precision SIFT: 0.5384615384615384

Recall SIFT: 0.5

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5185185185185185

Precision AKAZE: 0.5490196078431373

Recall AKAZE: 0.5

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5233644859813084

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.55))

Folder: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.4807692307692308

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4901960784313725

Precision AKAZE: 0.5531914893617021

Recall AKAZE: 0.5

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5252525252525253

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.55))

Folder: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

Precision SIFT: 0.6739130434782609

Recall SIFT: 0.5344827586206896

Accuracy SIFT: 0.58

F1-Score SIFT: 0.5961538461538461

Precision AKAZE: 0.5932203389830508

Recall AKAZE: 0.603448275862069

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5982905982905983

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.67))

Folder: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

Precision SIFT: 0.52

Recall SIFT: 0.52

Accuracy SIFT: 0.52

F1-Score SIFT: 0.52

Precision AKAZE: 0.4915254237288136

Recall AKAZE: 0.58

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5321100917431193

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.58))

Folder: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

Precision SIFT: 0.4426229508196721

Recall SIFT: 0.6136363636363636

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5142857142857142

Precision AKAZE: 0.3617021276595745

Recall AKAZE: 0.3863636363636364

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.3736263736263736

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.61))

Folder: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

Precision SIFT: 0.6071428571428571

Recall SIFT: 0.6071428571428571

Accuracy SIFT: 0.56

F1-Score SIFT: 0.6071428571428571

Precision AKAZE: 0.6382978723404256

Recall AKAZE: 0.5357142857142857

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5825242718446602

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.64))

Folder: S388

Train Image: S388-18-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

Precision SIFT: 0.5625

Recall SIFT: 0.4909090909090909

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5242718446601942

Precision AKAZE: 0.5625

Recall AKAZE: 0.4909090909090909

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5242718446601942

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.56))

Folder: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

Precision SIFT: 0.4893617021276596

Recall SIFT: 0.4259259259259259

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4554455445544555

Precision AKAZE: 0.5365853658536586

Recall AKAZE: 0.4074074074074074

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4631578947368421

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.54))

Folder: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

Precision SIFT: 0.4390243902439024

Recall SIFT: 0.3461538461538461

Accuracy SIFT: 0.43

F1-Score SIFT: 0.3870967741935484

Precision AKAZE: 0.5531914893617021

Recall AKAZE: 0.5

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5252525252525253

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.55))

Folder: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

Precision SIFT: 0.425531914893617

Recall SIFT: 0.392156862745098

Accuracy SIFT: 0.42

F1-Score SIFT: 0.4081632653061225

Precision AKAZE: 0.5918367346938775

Recall AKAZE: 0.5686274509803921

Accuracy AKAZE: 0.58

F1-Score AKAZE: 0.58

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.59))

Folder: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

Precision SIFT: 0.5294117647058824

Recall SIFT: 0.5294117647058824

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5294117647058824

Precision AKAZE: 0.5306122448979592

Recall AKAZE: 0.5098039215686274

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.52

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.53))

Folder: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

Precision SIFT: 0.5952380952380952

Recall SIFT: 0.5102040816326531

Accuracy SIFT: 0.59

F1-Score SIFT: 0.5494505494505495

Precision AKAZE: 0.5192307692307693

Recall AKAZE: 0.5510204081632653

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5346534653465347

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.60))

Folder: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

Precision SIFT: 0.3888888888888889

Recall SIFT: 0.525

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4468085106382979

Precision AKAZE: 0.4339622641509434

Recall AKAZE: 0.575

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.4946236559139785

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.57))

Folder: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

Precision SIFT: 0.509090909090909

Recall SIFT: 0.5714285714285714

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5384615384615384

Precision AKAZE: 0.391304347826087

Recall AKAZE: 0.3673469387755102

Accuracy AKAZE: 0.41

F1-Score AKAZE: 0.3789473684210526

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

Precision SIFT: 0.4901960784313725

Recall SIFT: 0.5

Accuracy SIFT: 0.49

F1-Score SIFT: 0.495049504950495

Precision AKAZE: 0.5128205128205128

Recall AKAZE: 0.4

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.449438202247191

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.51))

Folder: S388

Train Image: S388-11-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

Precision SIFT: 0.4363636363636363

Recall SIFT: 0.5581395348837209

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4897959183673469

Precision AKAZE: 0.4090909090909091

Recall AKAZE: 0.4186046511627907

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4137931034482759

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.56))

Folder: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

Precision SIFT: 0.5555555555555556

Recall SIFT: 0.5434782608695652

Accuracy SIFT: 0.59

F1-Score SIFT: 0.5494505494505495

Precision AKAZE: 0.462962962962963

Recall AKAZE: 0.5434782608695652

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.59))

Folder: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

Precision SIFT: 0.5660377358490566

Recall SIFT: 0.5263157894736842

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5454545454545454

Precision AKAZE: 0.6785714285714286

Recall AKAZE: 0.6666666666666666

Accuracy AKAZE: 0.63

F1-Score AKAZE: 0.672566371681416

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.68))

Folder: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

Precision SIFT: 0.5094339622641509

Recall SIFT: 0.6

Accuracy SIFT: 0.56

F1-Score SIFT: 0.5510204081632653

Precision AKAZE: 0.4883720930232558

Recall AKAZE: 0.4666666666666667

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.4772727272727273

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.60))

Folder: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

Precision SIFT: 0.46

Recall SIFT: 0.5

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4791666666666667

Precision AKAZE: 0.4166666666666667

Recall AKAZE: 0.4347826086956522

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.425531914893617

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.50))

Folder: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

Precision SIFT: 0.4181818181818182

Recall SIFT: 0.4693877551020408

Accuracy SIFT: 0.42

F1-Score SIFT: 0.4423076923076923

Precision AKAZE: 0.4791666666666667

Recall AKAZE: 0.4693877551020408

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4742268041237113

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.49))

Folder: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

Precision SIFT: 0.4074074074074074

Recall SIFT: 0.4888888888888889

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4444444444444444

Precision AKAZE: 0.4222222222222222

Recall AKAZE: 0.4222222222222222

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4222222222222222

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.49))

Folder: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

Precision SIFT: 0.4339622641509434

Recall SIFT: 0.4791666666666667

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4554455445544555

Precision AKAZE: 0.5510204081632653

Recall AKAZE: 0.5625

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5567010309278351

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.57))

Folder: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

Precision SIFT: 0.4509803921568628

Recall SIFT: 0.4509803921568628

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4509803921568628

Precision AKAZE: 0.4634146341463415

Recall AKAZE: 0.3725490196078431

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4130434782608696

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.46))

Folder: S388

Train Image: S388-16-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

Precision SIFT: 0.425531914893617

Recall SIFT: 0.4651162790697674

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4444444444444444

Precision AKAZE: 0.4772727272727273

Recall AKAZE: 0.4883720930232558

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.4827586206896552

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.55))

Folder: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

Precision SIFT: 0.4576271186440678

Recall SIFT: 0.54

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4954128440366973

Precision AKAZE: 0.4528301886792453

Recall AKAZE: 0.48

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4660194174757282

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.54))

Folder: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

Precision SIFT: 0.4042553191489361

Recall SIFT: 0.4634146341463415

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4318181818181818

Precision AKAZE: 0.4347826086956522

Recall AKAZE: 0.4878048780487805

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.4597701149425287

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.53))

Folder: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

Precision SIFT: 0.5102040816326531

Recall SIFT: 0.4807692307692308

Accuracy SIFT: 0.49

F1-Score SIFT: 0.495049504950495

Precision AKAZE: 0.5957446808510638

Recall AKAZE: 0.5384615384615384

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5656565656565656

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.60))

Folder: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

Precision SIFT: 0.6875

Recall SIFT: 0.5892857142857143

Accuracy SIFT: 0.62

F1-Score SIFT: 0.6346153846153846

Precision AKAZE: 0.6

Recall AKAZE: 0.4821428571428572

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5346534653465347

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.69))

Folder: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

Precision SIFT: 0.5087719298245614

Recall SIFT: 0.5576923076923077

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5321100917431193

Precision AKAZE: 0.6140350877192983

Recall AKAZE: 0.6730769230769231

Accuracy AKAZE: 0.61

F1-Score AKAZE: 0.6422018348623854

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.67))

Folder: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

Precision SIFT: 0.5510204081632653

Recall SIFT: 0.4736842105263158

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5094339622641509

Precision AKAZE: 0.5576923076923077

Recall AKAZE: 0.5087719298245614

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5321100917431193

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.56))

Folder: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

Precision SIFT: 0.4807692307692308

Recall SIFT: 0.5102040816326531

Accuracy SIFT: 0.49

F1-Score SIFT: 0.495049504950495

Precision AKAZE: 0.5319148936170213

Recall AKAZE: 0.5102040816326531

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5208333333333334

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.54))

Folder: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

Precision SIFT: 0.4782608695652174

Recall SIFT: 0.4583333333333333

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4680851063829787

Precision AKAZE: 0.4545454545454545

Recall AKAZE: 0.4166666666666667

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4347826086956522

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.50))

Folder: S388

Train Image: S388-04-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

Precision SIFT: 0.38

Recall SIFT: 0.4130434782608696

Accuracy SIFT: 0.42

F1-Score SIFT: 0.3958333333333333

Precision AKAZE: 0.3695652173913043

Recall AKAZE: 0.3695652173913043

Accuracy AKAZE: 0.42

F1-Score AKAZE: 0.3695652173913043

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.42))

Folder: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

Precision SIFT: 0.5333333333333333

Recall SIFT: 0.4615384615384616

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4948453608247423

Precision AKAZE: 0.5306122448979592

Recall AKAZE: 0.5

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5148514851485149

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.53))

Folder: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

Precision SIFT: 0.6122448979591837

Recall SIFT: 0.5769230769230769

Accuracy SIFT: 0.59

F1-Score SIFT: 0.594059405940594

Precision AKAZE: 0.4893617021276596

Recall AKAZE: 0.4423076923076923

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4646464646464646

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.61))

Folder: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

Precision SIFT: 0.4909090909090909

Recall SIFT: 0.5510204081632653

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5192307692307693

Precision AKAZE: 0.5333333333333333

Recall AKAZE: 0.4897959183673469

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5106382978723404

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.55))

Folder: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

Precision SIFT: 0.6037735849056604

Recall SIFT: 0.5818181818181818

Accuracy SIFT: 0.56

F1-Score SIFT: 0.5925925925925926

Precision AKAZE: 0.5555555555555556

Recall AKAZE: 0.4545454545454545

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.60))

Folder: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

Precision SIFT: 0.5283018867924528

Recall SIFT: 0.5283018867924528

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5283018867924528

Precision AKAZE: 0.48

Recall AKAZE: 0.4528301886792453

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4660194174757282

Best Method (Metrics): SIFT (SIFT memiliki F1-Score lebih tinggi (0.53))

Folder: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

Precision SIFT: 0.4222222222222222

Recall SIFT: 0.4130434782608696

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4175824175824176

Precision AKAZE: 0.4186046511627907

Recall AKAZE: 0.391304347826087

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4044943820224719

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.47))

Folder: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

Precision SIFT: 0.6037735849056604

Recall SIFT: 0.5714285714285714

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5871559633027523

Precision AKAZE: 0.5490196078431373

Recall AKAZE: 0.5

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5233644859813084

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.60))

Folder: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

Precision SIFT: 0.5272727272727272

Recall SIFT: 0.5272727272727272

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5272727272727272

Precision AKAZE: 0.5555555555555556

Recall AKAZE: 0.5454545454545454

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5504587155963303

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.56))

Folder: S388

Train Image: S388-08-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

Precision SIFT: 0.5964912280701754

Recall SIFT: 0.6666666666666666

Accuracy SIFT: 0.6

F1-Score SIFT: 0.6296296296296297

Precision AKAZE: 0.4883720930232558

Recall AKAZE: 0.4117647058823529

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4468085106382979

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.67))

Folder: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

Precision SIFT: 0.3818181818181818

Recall SIFT: 0.4883720930232558

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4285714285714285

Precision AKAZE: 0.4509803921568628

Recall AKAZE: 0.5348837209302325

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.4893617021276596

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.53))

Folder: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

Precision SIFT: 0.5263157894736842

Recall SIFT: 0.5660377358490566

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5454545454545454

Precision AKAZE: 0.5

Recall AKAZE: 0.4528301886792453

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4752475247524752

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

Precision SIFT: 0.462962962962963

Recall SIFT: 0.6410256410256411

Accuracy SIFT: 0.57

F1-Score SIFT: 0.5376344086021505

Precision AKAZE: 0.4565217391304348

Recall AKAZE: 0.5384615384615384

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.4941176470588236

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.64))

Folder: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

Precision SIFT: 0.4716981132075472

Recall SIFT: 0.5555555555555556

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5102040816326531

Precision AKAZE: 0.5087719298245614

Recall AKAZE: 0.6444444444444445

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.5686274509803921

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.64))

Folder: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

Precision SIFT: 0.4912280701754386

Recall SIFT: 0.5185185185185185

Accuracy SIFT: 0.45

F1-Score SIFT: 0.5045045045045045

Precision AKAZE: 0.45

Recall AKAZE: 0.3333333333333333

Accuracy AKAZE: 0.42

F1-Score AKAZE: 0.3829787234042553

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.52))

Folder: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

Precision SIFT: 0.3958333333333333

Recall SIFT: 0.4418604651162791

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4175824175824176

Precision AKAZE: 0.3111111111111111

Recall AKAZE: 0.3255813953488372

Accuracy AKAZE: 0.4

F1-Score AKAZE: 0.3181818181818182

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.47))

Folder: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

Precision SIFT: 0.5454545454545454

Recall SIFT: 0.5882352941176471

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5660377358490566

Precision AKAZE: 0.5370370370370371

Recall AKAZE: 0.5686274509803921

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5523809523809524

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.59))

Folder: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.5

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5

Precision AKAZE: 0.5

Recall AKAZE: 0.5

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.5

Best Method (Metrics): SIFT (SIFT memiliki F1-Score lebih tinggi (0.50))

Folder: S388

Train Image: S388-14-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

Precision SIFT: 0.4363636363636363

Recall SIFT: 0.5217391304347826

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4752475247524752

Precision AKAZE: 0.4772727272727273

Recall AKAZE: 0.4565217391304348

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.4666666666666667

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.52))

Folder: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.3829787234042553

Accuracy SIFT: 0.53

F1-Score SIFT: 0.4337349397590362

Precision AKAZE: 0.5384615384615384

Recall AKAZE: 0.5957446808510638

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5656565656565656

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.60))

Folder: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

Precision SIFT: 0.4

Recall SIFT: 0.4545454545454545

Accuracy SIFT: 0.46

F1-Score SIFT: 0.425531914893617

Precision AKAZE: 0.4390243902439024

Recall AKAZE: 0.4090909090909091

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4235294117647059

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.51))

Folder: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

Precision SIFT: 0.5178571428571429

Recall SIFT: 0.5087719298245614

Accuracy SIFT: 0.45

F1-Score SIFT: 0.5132743362831859

Precision AKAZE: 0.5806451612903226

Recall AKAZE: 0.631578947368421

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.6050420168067226

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.63))

Folder: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

Precision SIFT: 0.3541666666666667

Recall SIFT: 0.425

Accuracy SIFT: 0.46

F1-Score SIFT: 0.3863636363636364

Precision AKAZE: 0.4038461538461539

Recall AKAZE: 0.525

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4565217391304348

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.53))

Folder: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

Precision SIFT: 0.4634146341463415

Recall SIFT: 0.4222222222222222

Accuracy SIFT: 0.52

F1-Score SIFT: 0.4418604651162791

Precision AKAZE: 0.3846153846153846

Recall AKAZE: 0.4444444444444444

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.4123711340206185

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.52))

Folder: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

Precision SIFT: 0.4545454545454545

Recall SIFT: 0.392156862745098

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4210526315789473

Precision AKAZE: 0.5681818181818182

Recall AKAZE: 0.4901960784313725

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5263157894736842

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.57))

Folder: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

Precision SIFT: 0.5370370370370371

Recall SIFT: 0.5576923076923077

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5471698113207547

Precision AKAZE: 0.5454545454545454

Recall AKAZE: 0.4615384615384616

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.56))

Folder: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

Precision SIFT: 0.4807692307692308

Recall SIFT: 0.5434782608695652

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5102040816326531

Precision AKAZE: 0.4727272727272727

Recall AKAZE: 0.5652173913043478

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5148514851485149

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.57))

Folder: S388

Train Image: S388-01-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

Precision SIFT: 0.5869565217391305

Recall SIFT: 0.4821428571428572

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5294117647058824

Precision AKAZE: 0.5818181818181818

Recall AKAZE: 0.5714285714285714

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5765765765765766

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.59))

Folder: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-10-t10\_01.ppm

Precision SIFT: 0.4166666666666667

Recall SIFT: 0.4444444444444444

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4301075268817204

Precision AKAZE: 0.4583333333333333

Recall AKAZE: 0.4888888888888889

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4731182795698925

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.51))

Folder: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-17-t10\_01.ppm

Precision SIFT: 0.56

Recall SIFT: 0.4827586206896552

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5185185185185185

Precision AKAZE: 0.6078431372549019

Recall AKAZE: 0.5344827586206896

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5688073394495413

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.61))

Folder: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-09-t10\_01.ppm

Precision SIFT: 0.5306122448979592

Recall SIFT: 0.5098039215686274

Accuracy SIFT: 0.52

F1-Score SIFT: 0.52

Precision AKAZE: 0.5238095238095238

Recall AKAZE: 0.4313725490196079

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4731182795698925

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.53))

Folder: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-03-t10\_01.ppm

Precision SIFT: 0.6

Recall SIFT: 0.4655172413793103

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5242718446601942

Precision AKAZE: 0.6190476190476191

Recall AKAZE: 0.4482758620689655

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.52

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.62))

Folder: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-06-t10\_01.ppm

Precision SIFT: 0.5116279069767442

Recall SIFT: 0.3793103448275862

Accuracy SIFT: 0.43

F1-Score SIFT: 0.4356435643564356

Precision AKAZE: 0.6111111111111112

Recall AKAZE: 0.5689655172413793

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5892857142857143

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.61))

Folder: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-15-t10\_01.ppm

Precision SIFT: 0.4464285714285715

Recall SIFT: 0.5434782608695652

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4901960784313725

Precision AKAZE: 0.5

Recall AKAZE: 0.5652173913043478

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5306122448979592

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.57))

Folder: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-12-t10\_01.ppm

Precision SIFT: 0.4782608695652174

Recall SIFT: 0.4313725490196079

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4536082474226804

Precision AKAZE: 0.5116279069767442

Recall AKAZE: 0.4313725490196079

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4680851063829787

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.51))

Folder: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-13-t10\_01.ppm

Precision SIFT: 0.4222222222222222

Recall SIFT: 0.4042553191489361

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4130434782608696

Precision AKAZE: 0.5384615384615384

Recall AKAZE: 0.5957446808510638

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5656565656565656

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.60))

Folder: S388

Train Image: S388-05-t10\_01.ppm

Val Image: S388-07-t10\_01.ppm

Precision SIFT: 0.5208333333333334

Recall SIFT: 0.4464285714285715

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4807692307692308

Precision AKAZE: 0.5625

Recall AKAZE: 0.4821428571428572

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5192307692307693

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.56))

Folder: S390

Train Image: S390-02-t10\_01.ppm

Val Image: S390-01-t10\_01.ppm

Precision SIFT: 0.5645161290322581

Recall SIFT: 0.6481481481481481

Accuracy SIFT: 0.54

F1-Score SIFT: 0.603448275862069

Precision AKAZE: 0.5434782608695652

Recall AKAZE: 0.462962962962963

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.65))

Folder: S391

Train Image: S391-01-t10\_01.ppm

Val Image: S391-02-t10\_01.ppm

Precision SIFT: 0.5084745762711864

Recall SIFT: 0.6382978723404256

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5660377358490566

Precision AKAZE: 0.4782608695652174

Recall AKAZE: 0.4680851063829787

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4731182795698925

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.64))

Folder: S391

Train Image: S391-01-t10\_01.ppm

Val Image: S391-03-t10\_01.ppm

Precision SIFT: 0.5384615384615384

Recall SIFT: 0.5714285714285714

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5544554455445545

Precision AKAZE: 0.5555555555555556

Recall AKAZE: 0.6122448979591837

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5825242718446602

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.61))

Folder: S387

Train Image: S387-03-t10\_01.ppm

Val Image: S387-01-t10\_01.ppm

Precision SIFT: 0.5961538461538461

Recall SIFT: 0.62

Accuracy SIFT: 0.6

F1-Score SIFT: 0.6078431372549019

Precision AKAZE: 0.5384615384615384

Recall AKAZE: 0.56

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5490196078431373

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.62))

Folder: S387

Train Image: S387-02-t10\_01.ppm

Val Image: S387-01-t10\_01.ppm

Precision SIFT: 0.3888888888888889

Recall SIFT: 0.525

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4468085106382979

Precision AKAZE: 0.2916666666666667

Recall AKAZE: 0.35

Accuracy AKAZE: 0.4

F1-Score AKAZE: 0.3181818181818182

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.53))

Folder: S392

Train Image: S392-03-t10\_01.ppm

Val Image: S392-01-t10\_01.ppm

Precision SIFT: 0.5535714285714286

Recall SIFT: 0.5740740740740741

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5636363636363636

Precision AKAZE: 0.5471698113207547

Recall AKAZE: 0.5370370370370371

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5420560747663551

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S392

Train Image: S392-03-t10\_01.ppm

Val Image: S392-02-t10\_01.ppm

Precision SIFT: 0.5576923076923077

Recall SIFT: 0.5087719298245614

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5321100917431193

Precision AKAZE: 0.5531914893617021

Recall AKAZE: 0.456140350877193

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.5

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.56))

Folder: S392

Train Image: S392-03-t10\_01.ppm

Val Image: S392-04-t10\_01.ppm

Precision SIFT: 0.4509803921568628

Recall SIFT: 0.4791666666666667

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4646464646464646

Precision AKAZE: 0.3333333333333333

Recall AKAZE: 0.3333333333333333

Accuracy AKAZE: 0.36

F1-Score AKAZE: 0.3333333333333333

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.48))

Folder: S392

Train Image: S392-03-t10\_01.ppm

Val Image: S392-08-t10\_01.ppm

Precision SIFT: 0.4705882352941176

Recall SIFT: 0.5217391304347826

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4948453608247423

Precision AKAZE: 0.4791666666666667

Recall AKAZE: 0.5

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.4893617021276596

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.52))

Folder: S392

Train Image: S392-03-t10\_01.ppm

Val Image: S392-07-t10\_01.ppm

Precision SIFT: 0.5227272727272727

Recall SIFT: 0.5111111111111111

Accuracy SIFT: 0.57

F1-Score SIFT: 0.5168539325842697

Precision AKAZE: 0.5217391304347826

Recall AKAZE: 0.5333333333333333

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5274725274725275

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.57))

Folder: S392

Train Image: S392-06-t10\_01.ppm

Val Image: S392-01-t10\_01.ppm

Precision SIFT: 0.5238095238095238

Recall SIFT: 0.4150943396226415

Accuracy SIFT: 0.49

F1-Score SIFT: 0.4631578947368421

Precision AKAZE: 0.5714285714285714

Recall AKAZE: 0.6037735849056604

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5871559633027523

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.60))

Folder: S392

Train Image: S392-06-t10\_01.ppm

Val Image: S392-02-t10\_01.ppm

Precision SIFT: 0.4736842105263158

Recall SIFT: 0.4736842105263158

Accuracy SIFT: 0.4

F1-Score SIFT: 0.4736842105263158

Precision AKAZE: 0.5849056603773585

Recall AKAZE: 0.543859649122807

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5636363636363636

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.58))

Folder: S392

Train Image: S392-06-t10\_01.ppm

Val Image: S392-04-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.4545454545454545

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4761904761904762

Precision AKAZE: 0.5121951219512195

Recall AKAZE: 0.3818181818181818

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4375

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.51))

Folder: S392

Train Image: S392-06-t10\_01.ppm

Val Image: S392-08-t10\_01.ppm

Precision SIFT: 0.5106382978723404

Recall SIFT: 0.5

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5052631578947369

Precision AKAZE: 0.44

Recall AKAZE: 0.4583333333333333

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4489795918367347

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.53))

Folder: S392

Train Image: S392-06-t10\_01.ppm

Val Image: S392-07-t10\_01.ppm

Precision SIFT: 0.4565217391304348

Recall SIFT: 0.4565217391304348

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4565217391304348

Precision AKAZE: 0.5333333333333333

Recall AKAZE: 0.5217391304347826

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5274725274725275

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.57))

Folder: S392

Train Image: S392-05-t10\_01.ppm

Val Image: S392-01-t10\_01.ppm

Precision SIFT: 0.4893617021276596

Recall SIFT: 0.4339622641509434

Accuracy SIFT: 0.46

F1-Score SIFT: 0.46

Precision AKAZE: 0.574468085106383

Recall AKAZE: 0.5094339622641509

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.54

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.57))

Folder: S392

Train Image: S392-05-t10\_01.ppm

Val Image: S392-02-t10\_01.ppm

Precision SIFT: 0.3269230769230769

Recall SIFT: 0.4146341463414634

Accuracy SIFT: 0.41

F1-Score SIFT: 0.3655913978494624

Precision AKAZE: 0.4545454545454545

Recall AKAZE: 0.6097560975609756

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5208333333333334

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.61))

Folder: S392

Train Image: S392-05-t10\_01.ppm

Val Image: S392-04-t10\_01.ppm

Precision SIFT: 0.6666666666666666

Recall SIFT: 0.5964912280701754

Accuracy SIFT: 0.6

F1-Score SIFT: 0.6296296296296297

Precision AKAZE: 0.56

Recall AKAZE: 0.4912280701754386

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5233644859813084

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.67))

Folder: S392

Train Image: S392-05-t10\_01.ppm

Val Image: S392-08-t10\_01.ppm

Precision SIFT: 0.3829787234042553

Recall SIFT: 0.3673469387755102

Accuracy SIFT: 0.4

F1-Score SIFT: 0.375

Precision AKAZE: 0.5319148936170213

Recall AKAZE: 0.5102040816326531

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5208333333333334

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.54))

Folder: S392

Train Image: S392-05-t10\_01.ppm

Val Image: S392-07-t10\_01.ppm

Precision SIFT: 0.4318181818181818

Recall SIFT: 0.4130434782608696

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4222222222222222

Precision AKAZE: 0.4038461538461539

Recall AKAZE: 0.4565217391304348

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.4285714285714285

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.48))

Folder: S393

Train Image: S393-01-t10\_01.ppm

Val Image: S393-02-t10\_01.ppm

Precision SIFT: 0.5121951219512195

Recall SIFT: 0.4375

Accuracy SIFT: 0.53

F1-Score SIFT: 0.4719101123595505

Precision AKAZE: 0.5434782608695652

Recall AKAZE: 0.5208333333333334

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.5319148936170213

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.56))

Folder: S393

Train Image: S393-01-t10\_01.ppm

Val Image: S393-03-t10\_01.ppm

Precision SIFT: 0.5319148936170213

Recall SIFT: 0.4807692307692308

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5050505050505051

Precision AKAZE: 0.6326530612244898

Recall AKAZE: 0.5961538461538461

Accuracy AKAZE: 0.61

F1-Score AKAZE: 0.6138613861386139

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.63))

Folder: S393

Train Image: S393-01-t10\_01.ppm

Val Image: S393-04-t10\_01.ppm

Precision SIFT: 0.4509803921568628

Recall SIFT: 0.5111111111111111

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4791666666666667

Precision AKAZE: 0.3863636363636364

Recall AKAZE: 0.3777777777777778

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.3820224719101123

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.51))

Folder: S386

Train Image: S386-07-t10\_01.ppm

Val Image: S386-05-t10\_01.ppm

Precision SIFT: 0.6181818181818182

Recall SIFT: 0.6415094339622641

Accuracy SIFT: 0.6

F1-Score SIFT: 0.6296296296296297

Precision AKAZE: 0.6086956521739131

Recall AKAZE: 0.5283018867924528

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5656565656565656

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.64))

Folder: S386

Train Image: S386-07-t10\_01.ppm

Val Image: S386-02-t10\_01.ppm

Precision SIFT: 0.5535714285714286

Recall SIFT: 0.6595744680851063

Accuracy SIFT: 0.59

F1-Score SIFT: 0.6019417475728155

Precision AKAZE: 0.4516129032258064

Recall AKAZE: 0.5957446808510638

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.5137614678899083

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.66))

Folder: S386

Train Image: S386-07-t10\_01.ppm

Val Image: S386-01-t10\_01.ppm

Precision SIFT: 0.4893617021276596

Recall SIFT: 0.4791666666666667

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4842105263157895

Precision AKAZE: 0.5283018867924528

Recall AKAZE: 0.5833333333333334

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5544554455445545

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.58))

Folder: S386

Train Image: S386-07-t10\_01.ppm

Val Image: S386-06-t10\_01.ppm

Precision SIFT: 0.4259259259259259

Recall SIFT: 0.5

Accuracy SIFT: 0.46

F1-Score SIFT: 0.46

Precision AKAZE: 0.4222222222222222

Recall AKAZE: 0.4130434782608696

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4175824175824176

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.50))

Folder: S386

Train Image: S386-04-t10\_01.ppm

Val Image: S386-05-t10\_01.ppm

Precision SIFT: 0.5111111111111111

Recall SIFT: 0.4693877551020408

Accuracy SIFT: 0.52

F1-Score SIFT: 0.4893617021276596

Precision AKAZE: 0.5652173913043478

Recall AKAZE: 0.5306122448979592

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5473684210526316

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.57))

Folder: S386

Train Image: S386-04-t10\_01.ppm

Val Image: S386-02-t10\_01.ppm

Precision SIFT: 0.5319148936170213

Recall SIFT: 0.4716981132075472

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5

Precision AKAZE: 0.4871794871794872

Recall AKAZE: 0.3584905660377358

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4130434782608696

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.53))

Folder: S386

Train Image: S386-04-t10\_01.ppm

Val Image: S386-01-t10\_01.ppm

Precision SIFT: 0.5111111111111111

Recall SIFT: 0.4339622641509434

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4693877551020408

Precision AKAZE: 0.53125

Recall AKAZE: 0.6415094339622641

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5811965811965812

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.64))

Folder: S386

Train Image: S386-04-t10\_01.ppm

Val Image: S386-06-t10\_01.ppm

Precision SIFT: 0.3818181818181818

Recall SIFT: 0.4666666666666667

Accuracy SIFT: 0.42

F1-Score SIFT: 0.42

Precision AKAZE: 0.4423076923076923

Recall AKAZE: 0.5111111111111111

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4742268041237113

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.51))

Folder: S386

Train Image: S386-08-t10\_01.ppm

Val Image: S386-05-t10\_01.ppm

Precision SIFT: 0.4

Recall SIFT: 0.391304347826087

Accuracy SIFT: 0.45

F1-Score SIFT: 0.3956043956043956

Precision AKAZE: 0.5238095238095238

Recall AKAZE: 0.4782608695652174

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.5

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.56))

Folder: S386

Train Image: S386-08-t10\_01.ppm

Val Image: S386-02-t10\_01.ppm

Precision SIFT: 0.4918032786885246

Recall SIFT: 0.5882352941176471

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5357142857142857

Precision AKAZE: 0.425531914893617

Recall AKAZE: 0.392156862745098

Accuracy AKAZE: 0.42

F1-Score AKAZE: 0.4081632653061225

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.59))

Folder: S386

Train Image: S386-08-t10\_01.ppm

Val Image: S386-01-t10\_01.ppm

Precision SIFT: 0.4626865671641791

Recall SIFT: 0.6326530612244898

Accuracy SIFT: 0.46

F1-Score SIFT: 0.5344827586206896

Precision AKAZE: 0.4615384615384616

Recall AKAZE: 0.4897959183673469

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4752475247524752

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.63))

Folder: S386

Train Image: S386-08-t10\_01.ppm

Val Image: S386-06-t10\_01.ppm

Precision SIFT: 0.5172413793103449

Recall SIFT: 0.5660377358490566

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5405405405405406

Precision AKAZE: 0.5490196078431373

Recall AKAZE: 0.5283018867924528

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5384615384615384

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S386

Train Image: S386-03-t10\_01.ppm

Val Image: S386-05-t10\_01.ppm

Precision SIFT: 0.3584905660377358

Recall SIFT: 0.5

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4175824175824176

Precision AKAZE: 0.4347826086956522

Recall AKAZE: 0.5263157894736842

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.4761904761904762

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.56))

Folder: S386

Train Image: S386-03-t10\_01.ppm

Val Image: S386-02-t10\_01.ppm

Precision SIFT: 0.5178571428571429

Recall SIFT: 0.58

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5471698113207547

Precision AKAZE: 0.4705882352941176

Recall AKAZE: 0.48

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4752475247524752

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.58))

Folder: S386

Train Image: S386-03-t10\_01.ppm

Val Image: S386-01-t10\_01.ppm

Precision SIFT: 0.4583333333333333

Recall SIFT: 0.5

Accuracy SIFT: 0.52

F1-Score SIFT: 0.4782608695652174

Precision AKAZE: 0.5111111111111111

Recall AKAZE: 0.5227272727272727

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5168539325842697

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.57))

Folder: S386

Train Image: S386-03-t10\_01.ppm

Val Image: S386-06-t10\_01.ppm

Precision SIFT: 0.5094339622641509

Recall SIFT: 0.5192307692307693

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5142857142857142

Precision AKAZE: 0.4651162790697674

Recall AKAZE: 0.3846153846153846

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4210526315789473

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.52))

Folder: S400

Train Image: S400-01-t10\_01.ppm

Val Image: S400-02-t10\_01.ppm

Precision SIFT: 0.4814814814814815

Recall SIFT: 0.5306122448979592

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5048543689320388

Precision AKAZE: 0.4150943396226415

Recall AKAZE: 0.4489795918367347

Accuracy AKAZE: 0.42

F1-Score AKAZE: 0.4313725490196079

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.53))

Folder: S400

Train Image: S400-03-t10\_01.ppm

Val Image: S400-02-t10\_01.ppm

Precision SIFT: 0.4680851063829787

Recall SIFT: 0.44

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4536082474226804

Precision AKAZE: 0.4651162790697674

Recall AKAZE: 0.4

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4301075268817204

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.47))

Folder: S402

Train Image: S402-01-t10\_01.ppm

Val Image: S402-02-t10\_01.ppm

Precision SIFT: 0.4905660377358491

Recall SIFT: 0.5

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4952380952380953

Precision AKAZE: 0.4909090909090909

Recall AKAZE: 0.5192307692307693

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.5046728971962616

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.52))

Folder: S398

Train Image: S398-03-t10\_01.ppm

Val Image: S398-02-t10\_01.ppm

Precision SIFT: 0.5454545454545454

Recall SIFT: 0.5454545454545454

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5454545454545454

Precision AKAZE: 0.5853658536585366

Recall AKAZE: 0.4363636363636363

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.59))

Folder: S398

Train Image: S398-01-t10\_01.ppm

Val Image: S398-02-t10\_01.ppm

Precision SIFT: 0.5084745762711864

Recall SIFT: 0.5555555555555556

Accuracy SIFT: 0.47

F1-Score SIFT: 0.5309734513274337

Precision AKAZE: 0.5185185185185185

Recall AKAZE: 0.5185185185185185

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.5185185185185185

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.56))

Folder: S401

Train Image: S401-03-t10\_01.ppm

Val Image: S401-05-t10\_01.ppm

Precision SIFT: 0.5818181818181818

Recall SIFT: 0.6037735849056604

Accuracy SIFT: 0.56

F1-Score SIFT: 0.5925925925925926

Precision AKAZE: 0.4705882352941176

Recall AKAZE: 0.4528301886792453

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.4615384615384616

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.60))

Folder: S401

Train Image: S401-03-t10\_01.ppm

Val Image: S401-08-t10\_01.ppm

Precision SIFT: 0.4468085106382979

Recall SIFT: 0.5526315789473685

Accuracy SIFT: 0.57

F1-Score SIFT: 0.4941176470588236

Precision AKAZE: 0.423728813559322

Recall AKAZE: 0.6578947368421053

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5154639175257731

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.66))

Folder: S401

Train Image: S401-03-t10\_01.ppm

Val Image: S401-01-t10\_01.ppm

Precision SIFT: 0.4814814814814815

Recall SIFT: 0.4905660377358491

Accuracy SIFT: 0.45

F1-Score SIFT: 0.485981308411215

Precision AKAZE: 0.4736842105263158

Recall AKAZE: 0.5094339622641509

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.4909090909090909

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.51))

Folder: S401

Train Image: S401-02-t10\_01.ppm

Val Image: S401-05-t10\_01.ppm

Precision SIFT: 0.5862068965517241

Recall SIFT: 0.6071428571428571

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5964912280701754

Precision AKAZE: 0.5769230769230769

Recall AKAZE: 0.5357142857142857

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5555555555555556

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.61))

Folder: S401

Train Image: S401-02-t10\_01.ppm

Val Image: S401-08-t10\_01.ppm

Precision SIFT: 0.4081632653061225

Recall SIFT: 0.4

Accuracy SIFT: 0.41

F1-Score SIFT: 0.404040404040404

Precision AKAZE: 0.5476190476190477

Recall AKAZE: 0.46

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.55))

Folder: S401

Train Image: S401-02-t10\_01.ppm

Val Image: S401-01-t10\_01.ppm

Precision SIFT: 0.4736842105263158

Recall SIFT: 0.5510204081632653

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5094339622641509

Precision AKAZE: 0.54

Recall AKAZE: 0.5510204081632653

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5454545454545454

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.55))

Folder: S401

Train Image: S401-07-t10\_01.ppm

Val Image: S401-05-t10\_01.ppm

Precision SIFT: 0.4782608695652174

Recall SIFT: 0.4680851063829787

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4731182795698925

Precision AKAZE: 0.54

Recall AKAZE: 0.574468085106383

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5567010309278351

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.57))

Folder: S401

Train Image: S401-07-t10\_01.ppm

Val Image: S401-08-t10\_01.ppm

Precision SIFT: 0.5185185185185185

Recall SIFT: 0.5714285714285714

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5436893203883495

Precision AKAZE: 0.4358974358974359

Recall AKAZE: 0.3469387755102041

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.3863636363636364

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S401

Train Image: S401-07-t10\_01.ppm

Val Image: S401-01-t10\_01.ppm

Precision SIFT: 0.4871794871794872

Recall SIFT: 0.3958333333333333

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4367816091954023

Precision AKAZE: 0.5

Recall AKAZE: 0.4791666666666667

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.4893617021276596

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.52))

Folder: S401

Train Image: S401-09-t10\_01.ppm

Val Image: S401-05-t10\_01.ppm

Precision SIFT: 0.4285714285714285

Recall SIFT: 0.5333333333333333

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4752475247524752

Precision AKAZE: 0.5

Recall AKAZE: 0.6

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5454545454545454

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.60))

Folder: S401

Train Image: S401-09-t10\_01.ppm

Val Image: S401-08-t10\_01.ppm

Precision SIFT: 0.3958333333333333

Recall SIFT: 0.475

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4318181818181818

Precision AKAZE: 0.3454545454545455

Recall AKAZE: 0.475

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.4

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.50))

Folder: S401

Train Image: S401-09-t10\_01.ppm

Val Image: S401-01-t10\_01.ppm

Precision SIFT: 0.6078431372549019

Recall SIFT: 0.5636363636363636

Accuracy SIFT: 0.56

F1-Score SIFT: 0.5849056603773585

Precision AKAZE: 0.54

Recall AKAZE: 0.4909090909090909

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5142857142857142

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.61))

Folder: S401

Train Image: S401-04-t10\_01.ppm

Val Image: S401-05-t10\_01.ppm

Precision SIFT: 0.66

Recall SIFT: 0.5789473684210527

Accuracy SIFT: 0.59

F1-Score SIFT: 0.616822429906542

Precision AKAZE: 0.5227272727272727

Recall AKAZE: 0.4035087719298245

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4554455445544555

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.66))

Folder: S401

Train Image: S401-04-t10\_01.ppm

Val Image: S401-08-t10\_01.ppm

Precision SIFT: 0.4528301886792453

Recall SIFT: 0.4897959183673469

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4705882352941176

Precision AKAZE: 0.3653846153846154

Recall AKAZE: 0.3877551020408163

Accuracy AKAZE: 0.37

F1-Score AKAZE: 0.3762376237623762

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.49))

Folder: S401

Train Image: S401-04-t10\_01.ppm

Val Image: S401-01-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.5370370370370371

Accuracy SIFT: 0.46

F1-Score SIFT: 0.5178571428571429

Precision AKAZE: 0.54

Recall AKAZE: 0.5

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5192307692307693

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.54))

Folder: S401

Train Image: S401-06-t10\_01.ppm

Val Image: S401-05-t10\_01.ppm

Precision SIFT: 0.5102040816326531

Recall SIFT: 0.5434782608695652

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5263157894736842

Precision AKAZE: 0.5370370370370371

Recall AKAZE: 0.6304347826086957

Accuracy AKAZE: 0.58

F1-Score AKAZE: 0.58

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.63))

Folder: S401

Train Image: S401-06-t10\_01.ppm

Val Image: S401-08-t10\_01.ppm

Precision SIFT: 0.6274509803921569

Recall SIFT: 0.5333333333333333

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5765765765765766

Precision AKAZE: 0.5128205128205128

Recall AKAZE: 0.3333333333333333

Accuracy AKAZE: 0.41

F1-Score AKAZE: 0.404040404040404

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.63))

Folder: S401

Train Image: S401-06-t10\_01.ppm

Val Image: S401-01-t10\_01.ppm

Precision SIFT: 0.4909090909090909

Recall SIFT: 0.5192307692307693

Accuracy SIFT: 0.47

F1-Score SIFT: 0.5046728971962616

Precision AKAZE: 0.5178571428571429

Recall AKAZE: 0.5576923076923077

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5370370370370371

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.56))

Folder: S397

Train Image: S397-02-t10\_02.ppm

Val Image: S397-01-t10\_01.ppm

Precision SIFT: 0.5370370370370371

Recall SIFT: 0.5686274509803921

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5523809523809524

Precision AKAZE: 0.5111111111111111

Recall AKAZE: 0.4509803921568628

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4791666666666667

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S397

Train Image: S397-02-t10\_02.ppm

Val Image: S397-02-t10\_01.ppm

Precision SIFT: 0.5961538461538461

Recall SIFT: 0.5344827586206896

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5636363636363636

Precision AKAZE: 0.5740740740740741

Recall AKAZE: 0.5344827586206896

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5535714285714286

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.60))

Folder: S397

Train Image: S397-02-t10\_02.ppm

Val Image: S397-03-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.5510204081632653

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5242718446601942

Precision AKAZE: 0.4166666666666667

Recall AKAZE: 0.4081632653061225

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.4123711340206185

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.55))

Folder: S397

Train Image: S397-03-t10\_02.ppm

Val Image: S397-01-t10\_01.ppm

Precision SIFT: 0.48

Recall SIFT: 0.48

Accuracy SIFT: 0.48

F1-Score SIFT: 0.48

Precision AKAZE: 0.4915254237288136

Recall AKAZE: 0.58

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5321100917431193

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.58))

Folder: S397

Train Image: S397-03-t10\_02.ppm

Val Image: S397-02-t10\_01.ppm

Precision SIFT: 0.5625

Recall SIFT: 0.4821428571428572

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5192307692307693

Precision AKAZE: 0.5098039215686274

Recall AKAZE: 0.4642857142857143

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.485981308411215

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.56))

Folder: S397

Train Image: S397-03-t10\_02.ppm

Val Image: S397-03-t10\_01.ppm

Precision SIFT: 0.5370370370370371

Recall SIFT: 0.6170212765957447

Accuracy SIFT: 0.57

F1-Score SIFT: 0.5742574257425742

Precision AKAZE: 0.4791666666666667

Recall AKAZE: 0.4893617021276596

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4842105263157895

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.62))

Folder: S404

Train Image: S404-02-t10\_01.ppm

Val Image: S404-06-t10\_01.ppm

Precision SIFT: 0.425531914893617

Recall SIFT: 0.5405405405405406

Accuracy SIFT: 0.56

F1-Score SIFT: 0.4761904761904762

Precision AKAZE: 0.3518518518518519

Recall AKAZE: 0.5135135135135135

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4175824175824176

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.56))

Folder: S404

Train Image: S404-02-t10\_01.ppm

Val Image: S404-07-t10\_01.ppm

Precision SIFT: 0.4418604651162791

Recall SIFT: 0.3725490196078431

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4042553191489361

Precision AKAZE: 0.5116279069767442

Recall AKAZE: 0.4313725490196079

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4680851063829787

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.51))

Folder: S404

Train Image: S404-02-t10\_01.ppm

Val Image: S404-11-t10\_01.ppm

Precision SIFT: 0.4905660377358491

Recall SIFT: 0.5777777777777777

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5306122448979592

Precision AKAZE: 0.46

Recall AKAZE: 0.5111111111111111

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4842105263157895

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.58))

Folder: S404

Train Image: S404-02-t10\_01.ppm

Val Image: S404-04-t10\_01.ppm

Precision SIFT: 0.5098039215686274

Recall SIFT: 0.52

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5148514851485149

Precision AKAZE: 0.4528301886792453

Recall AKAZE: 0.48

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4660194174757282

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.52))

Folder: S404

Train Image: S404-02-t10\_01.ppm

Val Image: S404-13-t10\_01.ppm

Precision SIFT: 0.5576923076923077

Recall SIFT: 0.6444444444444445

Accuracy SIFT: 0.61

F1-Score SIFT: 0.5979381443298969

Precision AKAZE: 0.4909090909090909

Recall AKAZE: 0.6

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.54

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.64))

Folder: S404

Train Image: S404-02-t10\_01.ppm

Val Image: S404-10-t10\_01.ppm

Precision SIFT: 0.4905660377358491

Recall SIFT: 0.5531914893617021

Accuracy SIFT: 0.52

F1-Score SIFT: 0.52

Precision AKAZE: 0.4727272727272727

Recall AKAZE: 0.5531914893617021

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5098039215686274

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.55))

Folder: S404

Train Image: S404-02-t10\_01.ppm

Val Image: S404-08-t10\_01.ppm

Precision SIFT: 0.42

Recall SIFT: 0.4285714285714285

Accuracy SIFT: 0.43

F1-Score SIFT: 0.4242424242424243

Precision AKAZE: 0.509090909090909

Recall AKAZE: 0.5714285714285714

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5384615384615384

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.57))

Folder: S404

Train Image: S404-09-t10\_01.ppm

Val Image: S404-06-t10\_01.ppm

Precision SIFT: 0.62

Recall SIFT: 0.5740740740740741

Accuracy SIFT: 0.58

F1-Score SIFT: 0.5961538461538461

Precision AKAZE: 0.5813953488372093

Recall AKAZE: 0.462962962962963

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5154639175257731

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.62))

Folder: S404

Train Image: S404-09-t10\_01.ppm

Val Image: S404-07-t10\_01.ppm

Precision SIFT: 0.6521739130434783

Recall SIFT: 0.4615384615384616

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5405405405405406

Precision AKAZE: 0.6842105263157895

Recall AKAZE: 0.6

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.639344262295082

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.68))

Folder: S404

Train Image: S404-09-t10\_01.ppm

Val Image: S404-11-t10\_01.ppm

Precision SIFT: 0.5102040816326531

Recall SIFT: 0.4464285714285715

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4761904761904762

Precision AKAZE: 0.6136363636363636

Recall AKAZE: 0.4821428571428572

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.54

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.61))

Folder: S404

Train Image: S404-09-t10\_01.ppm

Val Image: S404-04-t10\_01.ppm

Precision SIFT: 0.4615384615384616

Recall SIFT: 0.5454545454545454

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5

Precision AKAZE: 0.4468085106382979

Recall AKAZE: 0.4772727272727273

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4615384615384616

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.55))

Folder: S404

Train Image: S404-09-t10\_01.ppm

Val Image: S404-13-t10\_01.ppm

Precision SIFT: 0.5471698113207547

Recall SIFT: 0.5686274509803921

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5576923076923077

Precision AKAZE: 0.5813953488372093

Recall AKAZE: 0.4901960784313725

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.5319148936170213

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.58))

Folder: S404

Train Image: S404-09-t10\_01.ppm

Val Image: S404-10-t10\_01.ppm

Precision SIFT: 0.4915254237288136

Recall SIFT: 0.5272727272727272

Accuracy SIFT: 0.44

F1-Score SIFT: 0.5087719298245614

Precision AKAZE: 0.5849056603773585

Recall AKAZE: 0.5636363636363636

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5740740740740741

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.58))

Folder: S404

Train Image: S404-09-t10\_01.ppm

Val Image: S404-08-t10\_01.ppm

Precision SIFT: 0.5714285714285714

Recall SIFT: 0.48

Accuracy SIFT: 0.56

F1-Score SIFT: 0.5217391304347826

Precision AKAZE: 0.5

Recall AKAZE: 0.5

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.57))

Folder: S404

Train Image: S404-05-t10\_01.ppm

Val Image: S404-06-t10\_01.ppm

Precision SIFT: 0.4883720930232558

Recall SIFT: 0.4117647058823529

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4468085106382979

Precision AKAZE: 0.5294117647058824

Recall AKAZE: 0.5294117647058824

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5294117647058824

Best Method (Metrics): AKAZE (AKAZE memiliki F1-Score lebih tinggi (0.53))

Folder: S404

Train Image: S404-05-t10\_01.ppm

Val Image: S404-07-t10\_01.ppm

Precision SIFT: 0.4772727272727273

Recall SIFT: 0.4565217391304348

Accuracy SIFT: 0.52

F1-Score SIFT: 0.4666666666666667

Precision AKAZE: 0.4035087719298245

Recall AKAZE: 0.5

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.4466019417475728

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.52))

Folder: S404

Train Image: S404-05-t10\_01.ppm

Val Image: S404-11-t10\_01.ppm

Precision SIFT: 0.4259259259259259

Recall SIFT: 0.5

Accuracy SIFT: 0.46

F1-Score SIFT: 0.46

Precision AKAZE: 0.5102040816326531

Recall AKAZE: 0.5434782608695652

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5263157894736842

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.55))

Folder: S404

Train Image: S404-05-t10\_01.ppm

Val Image: S404-04-t10\_01.ppm

Precision SIFT: 0.4528301886792453

Recall SIFT: 0.4705882352941176

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4615384615384616

Precision AKAZE: 0.4897959183673469

Recall AKAZE: 0.4705882352941176

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.48

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.49))

Folder: S404

Train Image: S404-05-t10\_01.ppm

Val Image: S404-13-t10\_01.ppm

Precision SIFT: 0.5471698113207547

Recall SIFT: 0.58

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5631067961165048

Precision AKAZE: 0.5686274509803921

Recall AKAZE: 0.58

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5742574257425742

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.58))

Folder: S404

Train Image: S404-05-t10\_01.ppm

Val Image: S404-10-t10\_01.ppm

Precision SIFT: 0.46

Recall SIFT: 0.4423076923076923

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4509803921568628

Precision AKAZE: 0.4693877551020408

Recall AKAZE: 0.4423076923076923

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4554455445544555

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.47))

Folder: S404

Train Image: S404-05-t10\_01.ppm

Val Image: S404-08-t10\_01.ppm

Precision SIFT: 0.4901960784313725

Recall SIFT: 0.5319148936170213

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5102040816326531

Precision AKAZE: 0.4150943396226415

Recall AKAZE: 0.4680851063829787

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.44

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.53))

Folder: S404

Train Image: S404-01-t10\_01.ppm

Val Image: S404-06-t10\_01.ppm

Precision SIFT: 0.5769230769230769

Recall SIFT: 0.6122448979591837

Accuracy SIFT: 0.59

F1-Score SIFT: 0.594059405940594

Precision AKAZE: 0.509090909090909

Recall AKAZE: 0.5714285714285714

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5384615384615384

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.61))

Folder: S404

Train Image: S404-01-t10\_01.ppm

Val Image: S404-07-t10\_01.ppm

Precision SIFT: 0.4782608695652174

Recall SIFT: 0.4782608695652174

Accuracy SIFT: 0.52

F1-Score SIFT: 0.4782608695652174

Precision AKAZE: 0.391304347826087

Recall AKAZE: 0.391304347826087

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.391304347826087

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.52))

Folder: S404

Train Image: S404-01-t10\_01.ppm

Val Image: S404-11-t10\_01.ppm

Precision SIFT: 0.525

Recall SIFT: 0.3962264150943396

Accuracy SIFT: 0.49

F1-Score SIFT: 0.4516129032258064

Precision AKAZE: 0.5625

Recall AKAZE: 0.5094339622641509

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5346534653465347

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.56))

Folder: S404

Train Image: S404-01-t10\_01.ppm

Val Image: S404-04-t10\_01.ppm

Precision SIFT: 0.5714285714285714

Recall SIFT: 0.56

Accuracy SIFT: 0.57

F1-Score SIFT: 0.5656565656565656

Precision AKAZE: 0.4693877551020408

Recall AKAZE: 0.46

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4646464646464646

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.57))

Folder: S404

Train Image: S404-01-t10\_01.ppm

Val Image: S404-13-t10\_01.ppm

Precision SIFT: 0.46

Recall SIFT: 0.4509803921568628

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4554455445544555

Precision AKAZE: 0.5625

Recall AKAZE: 0.5294117647058824

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5454545454545454

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.56))

Folder: S404

Train Image: S404-01-t10\_01.ppm

Val Image: S404-10-t10\_01.ppm

Precision SIFT: 0.4615384615384616

Recall SIFT: 0.4285714285714285

Accuracy SIFT: 0.55

F1-Score SIFT: 0.4444444444444444

Precision AKAZE: 0.3636363636363636

Recall AKAZE: 0.3809523809523809

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.3720930232558139

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.55))

Folder: S404

Train Image: S404-01-t10\_01.ppm

Val Image: S404-08-t10\_01.ppm

Precision SIFT: 0.4042553191489361

Recall SIFT: 0.4130434782608696

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4086021505376344

Precision AKAZE: 0.4864864864864865

Recall AKAZE: 0.391304347826087

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.4337349397590362

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.53))

Folder: S404

Train Image: S404-03-t10\_01.ppm

Val Image: S404-06-t10\_01.ppm

Precision SIFT: 0.5625

Recall SIFT: 0.4090909090909091

Accuracy SIFT: 0.4

F1-Score SIFT: 0.4736842105263158

Precision AKAZE: 0.673469387755102

Recall AKAZE: 0.5

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5739130434782609

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.67))

Folder: S404

Train Image: S404-03-t10\_01.ppm

Val Image: S404-07-t10\_01.ppm

Precision SIFT: 0.52

Recall SIFT: 0.4642857142857143

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4905660377358491

Precision AKAZE: 0.5777777777777777

Recall AKAZE: 0.4642857142857143

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5148514851485149

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.58))

Folder: S404

Train Image: S404-03-t10\_01.ppm

Val Image: S404-11-t10\_01.ppm

Precision SIFT: 0.4912280701754386

Recall SIFT: 0.5833333333333334

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5333333333333333

Precision AKAZE: 0.5576923076923077

Recall AKAZE: 0.6041666666666666

Accuracy AKAZE: 0.58

F1-Score AKAZE: 0.58

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.60))

Folder: S404

Train Image: S404-03-t10\_01.ppm

Val Image: S404-04-t10\_01.ppm

Precision SIFT: 0.5510204081632653

Recall SIFT: 0.5294117647058824

Accuracy SIFT: 0.54

F1-Score SIFT: 0.54

Precision AKAZE: 0.5294117647058824

Recall AKAZE: 0.5294117647058824

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5294117647058824

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.55))

Folder: S404

Train Image: S404-03-t10\_01.ppm

Val Image: S404-13-t10\_01.ppm

Precision SIFT: 0.4583333333333333

Recall SIFT: 0.4680851063829787

Accuracy SIFT: 0.49

F1-Score SIFT: 0.4631578947368421

Precision AKAZE: 0.5172413793103449

Recall AKAZE: 0.6382978723404256

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5714285714285714

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.64))

Folder: S404

Train Image: S404-03-t10\_01.ppm

Val Image: S404-10-t10\_01.ppm

Precision SIFT: 0.54

Recall SIFT: 0.5094339622641509

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5242718446601942

Precision AKAZE: 0.5818181818181818

Recall AKAZE: 0.6037735849056604

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.5925925925925926

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.60))

Folder: S404

Train Image: S404-03-t10\_01.ppm

Val Image: S404-08-t10\_01.ppm

Precision SIFT: 0.5217391304347826

Recall SIFT: 0.4705882352941176

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4948453608247423

Precision AKAZE: 0.5490196078431373

Recall AKAZE: 0.5490196078431373

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5490196078431373

Best Method (Metrics): AKAZE (AKAZE memiliki F1-Score lebih tinggi (0.55))

Folder: S404

Train Image: S404-12-t10\_01.ppm

Val Image: S404-06-t10\_01.ppm

Precision SIFT: 0.4893617021276596

Recall SIFT: 0.4259259259259259

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4554455445544555

Precision AKAZE: 0.4468085106382979

Recall AKAZE: 0.3888888888888889

Accuracy AKAZE: 0.41

F1-Score AKAZE: 0.4158415841584158

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.49))

Folder: S404

Train Image: S404-12-t10\_01.ppm

Val Image: S404-07-t10\_01.ppm

Precision SIFT: 0.5555555555555556

Recall SIFT: 0.4545454545454545

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5

Precision AKAZE: 0.5957446808510638

Recall AKAZE: 0.509090909090909

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5490196078431373

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.60))

Folder: S404

Train Image: S404-12-t10\_01.ppm

Val Image: S404-11-t10\_01.ppm

Precision SIFT: 0.5636363636363636

Recall SIFT: 0.5740740740740741

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5688073394495413

Precision AKAZE: 0.6304347826086957

Recall AKAZE: 0.5370370370370371

Accuracy AKAZE: 0.58

F1-Score AKAZE: 0.58

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.63))

Folder: S404

Train Image: S404-12-t10\_01.ppm

Val Image: S404-04-t10\_01.ppm

Precision SIFT: 0.4791666666666667

Recall SIFT: 0.46

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4693877551020408

Precision AKAZE: 0.4651162790697674

Recall AKAZE: 0.4

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4301075268817204

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.48))

Folder: S404

Train Image: S404-12-t10\_01.ppm

Val Image: S404-13-t10\_01.ppm

Precision SIFT: 0.4423076923076923

Recall SIFT: 0.5227272727272727

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4791666666666667

Precision AKAZE: 0.4642857142857143

Recall AKAZE: 0.5909090909090909

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.52

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.59))

Folder: S404

Train Image: S404-12-t10\_01.ppm

Val Image: S404-10-t10\_01.ppm

Precision SIFT: 0.3695652173913043

Recall SIFT: 0.3469387755102041

Accuracy SIFT: 0.39

F1-Score SIFT: 0.3578947368421053

Precision AKAZE: 0.5102040816326531

Recall AKAZE: 0.5102040816326531

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5102040816326531

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.52))

Folder: S404

Train Image: S404-12-t10\_01.ppm

Val Image: S404-08-t10\_01.ppm

Precision SIFT: 0.5106382978723404

Recall SIFT: 0.5217391304347826

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5161290322580645

Precision AKAZE: 0.4117647058823529

Recall AKAZE: 0.4565217391304348

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4329896907216495

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.55))

Folder: S396

Train Image: S396-04-t10\_01.ppm

Val Image: S396-11-t10\_01.ppm

Precision SIFT: 0.6

Recall SIFT: 0.4821428571428572

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5346534653465347

Precision AKAZE: 0.6

Recall AKAZE: 0.4821428571428572

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5346534653465347

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.60))

Folder: S396

Train Image: S396-04-t10\_01.ppm

Val Image: S396-10-t10\_01.ppm

Precision SIFT: 0.5471698113207547

Recall SIFT: 0.58

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5631067961165048

Precision AKAZE: 0.3617021276595745

Recall AKAZE: 0.34

Accuracy AKAZE: 0.37

F1-Score AKAZE: 0.3505154639175257

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.58))

Folder: S396

Train Image: S396-04-t10\_01.ppm

Val Image: S396-01-t10\_01.ppm

Precision SIFT: 0.4615384615384616

Recall SIFT: 0.4705882352941176

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4660194174757282

Precision AKAZE: 0.5471698113207547

Recall AKAZE: 0.5686274509803921

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5576923076923077

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.57))

Folder: S396

Train Image: S396-04-t10\_01.ppm

Val Image: S396-02-t10\_01.ppm

Precision SIFT: 0.4814814814814815

Recall SIFT: 0.5306122448979592

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5048543689320388

Precision AKAZE: 0.4642857142857143

Recall AKAZE: 0.5306122448979592

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4952380952380953

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.53))

Folder: S396

Train Image: S396-04-t10\_01.ppm

Val Image: S396-09-t10\_01.ppm

Precision SIFT: 0.5932203389830508

Recall SIFT: 0.6140350877192983

Accuracy SIFT: 0.54

F1-Score SIFT: 0.603448275862069

Precision AKAZE: 0.5925925925925926

Recall AKAZE: 0.5614035087719298

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5765765765765766

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.61))

Folder: S396

Train Image: S396-04-t10\_01.ppm

Val Image: S396-05-t10\_01.ppm

Precision SIFT: 0.4464285714285715

Recall SIFT: 0.5813953488372093

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5050505050505051

Precision AKAZE: 0.4042553191489361

Recall AKAZE: 0.4418604651162791

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4222222222222222

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.58))

Folder: S396

Train Image: S396-04-t10\_01.ppm

Val Image: S396-06-t10\_01.ppm

Precision SIFT: 0.4347826086956522

Recall SIFT: 0.4545454545454545

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4444444444444444

Precision AKAZE: 0.4878048780487805

Recall AKAZE: 0.4545454545454545

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.4705882352941176

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.55))

Folder: S396

Train Image: S396-04-t10\_01.ppm

Val Image: S396-08-t10\_01.ppm

Precision SIFT: 0.5555555555555556

Recall SIFT: 0.4464285714285715

Accuracy SIFT: 0.49

F1-Score SIFT: 0.495049504950495

Precision AKAZE: 0.6428571428571429

Recall AKAZE: 0.4821428571428572

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.5510204081632653

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.64))

Folder: S396

Train Image: S396-07-t10\_01.ppm

Val Image: S396-11-t10\_01.ppm

Precision SIFT: 0.4791666666666667

Recall SIFT: 0.5

Accuracy SIFT: 0.52

F1-Score SIFT: 0.4893617021276596

Precision AKAZE: 0.4468085106382979

Recall AKAZE: 0.4565217391304348

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4516129032258064

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.52))

Folder: S396

Train Image: S396-07-t10\_01.ppm

Val Image: S396-10-t10\_01.ppm

Precision SIFT: 0.4745762711864407

Recall SIFT: 0.5490196078431373

Accuracy SIFT: 0.46

F1-Score SIFT: 0.509090909090909

Precision AKAZE: 0.4807692307692308

Recall AKAZE: 0.4901960784313725

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4854368932038835

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.55))

Folder: S396

Train Image: S396-07-t10\_01.ppm

Val Image: S396-01-t10\_01.ppm

Precision SIFT: 0.52

Recall SIFT: 0.5416666666666666

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5306122448979592

Precision AKAZE: 0.5689655172413793

Recall AKAZE: 0.6875

Accuracy AKAZE: 0.6

F1-Score AKAZE: 0.6226415094339622

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.69))

Folder: S396

Train Image: S396-07-t10\_01.ppm

Val Image: S396-02-t10\_01.ppm

Precision SIFT: 0.5185185185185185

Recall SIFT: 0.5384615384615384

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5283018867924528

Precision AKAZE: 0.5192307692307693

Recall AKAZE: 0.5192307692307693

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5192307692307693

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.54))

Folder: S396

Train Image: S396-07-t10\_01.ppm

Val Image: S396-09-t10\_01.ppm

Precision SIFT: 0.6274509803921569

Recall SIFT: 0.5245901639344263

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5714285714285714

Precision AKAZE: 0.6

Recall AKAZE: 0.4426229508196721

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.5094339622641509

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.63))

Folder: S396

Train Image: S396-07-t10\_01.ppm

Val Image: S396-05-t10\_01.ppm

Precision SIFT: 0.4893617021276596

Recall SIFT: 0.5476190476190477

Accuracy SIFT: 0.57

F1-Score SIFT: 0.5168539325842697

Precision AKAZE: 0.4883720930232558

Recall AKAZE: 0.5

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.4941176470588236

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.57))

Folder: S396

Train Image: S396-07-t10\_01.ppm

Val Image: S396-06-t10\_01.ppm

Precision SIFT: 0.54

Recall SIFT: 0.5094339622641509

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5242718446601942

Precision AKAZE: 0.4791666666666667

Recall AKAZE: 0.4339622641509434

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4554455445544555

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.54))

Folder: S396

Train Image: S396-07-t10\_01.ppm

Val Image: S396-08-t10\_01.ppm

Precision SIFT: 0.4603174603174603

Recall SIFT: 0.58

Accuracy SIFT: 0.45

F1-Score SIFT: 0.5132743362831859

Precision AKAZE: 0.5

Recall AKAZE: 0.44

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4680851063829787

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.58))

Folder: S396

Train Image: S396-03-t10\_01.ppm

Val Image: S396-11-t10\_01.ppm

Precision SIFT: 0.5384615384615384

Recall SIFT: 0.5384615384615384

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5384615384615384

Precision AKAZE: 0.5102040816326531

Recall AKAZE: 0.4807692307692308

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.495049504950495

Best Method (Metrics): SIFT (SIFT memiliki F1-Score lebih tinggi (0.54))

Folder: S396

Train Image: S396-03-t10\_01.ppm

Val Image: S396-10-t10\_01.ppm

Precision SIFT: 0.4509803921568628

Recall SIFT: 0.5476190476190477

Accuracy SIFT: 0.53

F1-Score SIFT: 0.4946236559139785

Precision AKAZE: 0.4259259259259259

Recall AKAZE: 0.5476190476190477

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4791666666666667

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.55))

Folder: S396

Train Image: S396-03-t10\_01.ppm

Val Image: S396-01-t10\_01.ppm

Precision SIFT: 0.4583333333333333

Recall SIFT: 0.4583333333333333

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4583333333333333

Precision AKAZE: 0.5

Recall AKAZE: 0.5

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.52))

Folder: S396

Train Image: S396-03-t10\_01.ppm

Val Image: S396-02-t10\_01.ppm

Precision SIFT: 0.48

Recall SIFT: 0.5217391304347826

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5

Precision AKAZE: 0.4166666666666667

Recall AKAZE: 0.4347826086956522

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.425531914893617

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.52))

Folder: S396

Train Image: S396-03-t10\_01.ppm

Val Image: S396-09-t10\_01.ppm

Precision SIFT: 0.4545454545454545

Recall SIFT: 0.5319148936170213

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4901960784313725

Precision AKAZE: 0.4677419354838709

Recall AKAZE: 0.6170212765957447

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5321100917431193

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.62))

Folder: S396

Train Image: S396-03-t10\_01.ppm

Val Image: S396-05-t10\_01.ppm

Precision SIFT: 0.4893617021276596

Recall SIFT: 0.5227272727272727

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5054945054945055

Precision AKAZE: 0.4150943396226415

Recall AKAZE: 0.5

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4536082474226804

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.55))

Folder: S396

Train Image: S396-03-t10\_01.ppm

Val Image: S396-06-t10\_01.ppm

Precision SIFT: 0.5192307692307693

Recall SIFT: 0.574468085106383

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5454545454545454

Precision AKAZE: 0.4166666666666667

Recall AKAZE: 0.425531914893617

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4210526315789473

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S396

Train Image: S396-03-t10\_01.ppm

Val Image: S396-08-t10\_01.ppm

Precision SIFT: 0.5111111111111111

Recall SIFT: 0.4893617021276596

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5

Precision AKAZE: 0.4423076923076923

Recall AKAZE: 0.4893617021276596

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4646464646464646

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.54))

Folder: S403

Train Image: S403-04-t10\_01.ppm

Val Image: S403-02-t10\_01.ppm

Precision SIFT: 0.5454545454545454

Recall SIFT: 0.5357142857142857

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5405405405405406

Precision AKAZE: 0.4897959183673469

Recall AKAZE: 0.4285714285714285

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.4571428571428571

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.55))

Folder: S403

Train Image: S403-04-t10\_01.ppm

Val Image: S403-03-t10\_01.ppm

Precision SIFT: 0.5333333333333333

Recall SIFT: 0.4615384615384616

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4948453608247423

Precision AKAZE: 0.4736842105263158

Recall AKAZE: 0.5192307692307693

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4954128440366973

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.53))

Folder: S403

Train Image: S403-01-t10\_01.ppm

Val Image: S403-02-t10\_01.ppm

Precision SIFT: 0.5862068965517241

Recall SIFT: 0.6415094339622641

Accuracy SIFT: 0.57

F1-Score SIFT: 0.6126126126126126

Precision AKAZE: 0.5609756097560976

Recall AKAZE: 0.4339622641509434

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.4893617021276596

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.64))

Folder: S403

Train Image: S403-01-t10\_01.ppm

Val Image: S403-03-t10\_01.ppm

Precision SIFT: 0.44

Recall SIFT: 0.4583333333333333

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4489795918367347

Precision AKAZE: 0.475

Recall AKAZE: 0.3958333333333333

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4318181818181818

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.50))

Folder: S405

Train Image: S405-05-t10\_01.ppm

Val Image: S405-03-t10\_01.ppm

Precision SIFT: 0.4918032786885246

Recall SIFT: 0.625

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5504587155963303

Precision AKAZE: 0.4655172413793103

Recall AKAZE: 0.5625

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.5094339622641509

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.62))

Folder: S405

Train Image: S405-05-t10\_01.ppm

Val Image: S405-04-t10\_01.ppm

Precision SIFT: 0.5263157894736842

Recall SIFT: 0.5882352941176471

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5555555555555556

Precision AKAZE: 0.5217391304347826

Recall AKAZE: 0.4705882352941176

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4948453608247423

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.59))

Folder: S405

Train Image: S405-05-t10\_01.ppm

Val Image: S405-02-t10\_01.ppm

Precision SIFT: 0.4423076923076923

Recall SIFT: 0.4791666666666667

Accuracy SIFT: 0.46

F1-Score SIFT: 0.46

Precision AKAZE: 0.4285714285714285

Recall AKAZE: 0.4375

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4329896907216495

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.48))

Folder: S405

Train Image: S405-01-t10\_01.ppm

Val Image: S405-03-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.4339622641509434

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4646464646464646

Precision AKAZE: 0.4716981132075472

Recall AKAZE: 0.4716981132075472

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.4716981132075472

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.50))

Folder: S405

Train Image: S405-01-t10\_01.ppm

Val Image: S405-04-t10\_01.ppm

Precision SIFT: 0.4038461538461539

Recall SIFT: 0.5121951219512195

Accuracy SIFT: 0.49

F1-Score SIFT: 0.4516129032258064

Precision AKAZE: 0.4222222222222222

Recall AKAZE: 0.4634146341463415

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.4418604651162791

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.52))

Folder: S405

Train Image: S405-01-t10\_01.ppm

Val Image: S405-02-t10\_01.ppm

Precision SIFT: 0.4081632653061225

Recall SIFT: 0.4444444444444444

Accuracy SIFT: 0.46

F1-Score SIFT: 0.425531914893617

Precision AKAZE: 0.3636363636363636

Recall AKAZE: 0.3555555555555556

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.3595505617977528

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.46))

Folder: S405

Train Image: S405-06-t10\_01.ppm

Val Image: S405-03-t10\_01.ppm

Precision SIFT: 0.4313725490196079

Recall SIFT: 0.4313725490196079

Accuracy SIFT: 0.42

F1-Score SIFT: 0.4313725490196079

Precision AKAZE: 0.3962264150943396

Recall AKAZE: 0.4117647058823529

Accuracy AKAZE: 0.38

F1-Score AKAZE: 0.4038461538461539

Best Method (Metrics): SIFT (SIFT memiliki F1-Score lebih tinggi (0.43))

Folder: S405

Train Image: S405-06-t10\_01.ppm

Val Image: S405-04-t10\_01.ppm

Precision SIFT: 0.462962962962963

Recall SIFT: 0.5681818181818182

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5102040816326531

Precision AKAZE: 0.3157894736842105

Recall AKAZE: 0.2727272727272727

Accuracy AKAZE: 0.42

F1-Score AKAZE: 0.2926829268292683

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S405

Train Image: S405-06-t10\_01.ppm

Val Image: S405-02-t10\_01.ppm

Precision SIFT: 0.5555555555555556

Recall SIFT: 0.4807692307692308

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5154639175257731

Precision AKAZE: 0.5957446808510638

Recall AKAZE: 0.5384615384615384

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5656565656565656

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.60))

Folder: S405

Train Image: S405-07-t10\_01.ppm

Val Image: S405-03-t10\_01.ppm

Precision SIFT: 0.6538461538461539

Recall SIFT: 0.5862068965517241

Accuracy SIFT: 0.58

F1-Score SIFT: 0.6181818181818182

Precision AKAZE: 0.5409836065573771

Recall AKAZE: 0.5689655172413793

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.5546218487394958

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.65))

Folder: S405

Train Image: S405-07-t10\_01.ppm

Val Image: S405-04-t10\_01.ppm

Precision SIFT: 0.5348837209302325

Recall SIFT: 0.46

Accuracy SIFT: 0.53

F1-Score SIFT: 0.4946236559139785

Precision AKAZE: 0.5

Recall AKAZE: 0.6

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5454545454545454

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.60))

Folder: S405

Train Image: S405-07-t10\_01.ppm

Val Image: S405-02-t10\_01.ppm

Precision SIFT: 0.576271186440678

Recall SIFT: 0.6071428571428571

Accuracy SIFT: 0.53

F1-Score SIFT: 0.591304347826087

Precision AKAZE: 0.5294117647058824

Recall AKAZE: 0.4821428571428572

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.5046728971962616

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.61))

Folder: S399

Train Image: S399-06-t10\_01.ppm

Val Image: S399-05-t10\_01.ppm

Precision SIFT: 0.48

Recall SIFT: 0.4615384615384616

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4705882352941176

Precision AKAZE: 0.62

Recall AKAZE: 0.5961538461538461

Accuracy AKAZE: 0.6

F1-Score AKAZE: 0.6078431372549019

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.62))

Folder: S399

Train Image: S399-06-t10\_01.ppm

Val Image: S399-04-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.5294117647058824

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5142857142857142

Precision AKAZE: 0.55

Recall AKAZE: 0.4313725490196079

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.4835164835164835

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.55))

Folder: S399

Train Image: S399-03-t10\_01.ppm

Val Image: S399-05-t10\_01.ppm

Precision SIFT: 0.56

Recall SIFT: 0.56

Accuracy SIFT: 0.56

F1-Score SIFT: 0.56

Precision AKAZE: 0.5192307692307693

Recall AKAZE: 0.54

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5294117647058824

Best Method (Metrics): SIFT (SIFT memiliki F1-Score lebih tinggi (0.56))

Folder: S399

Train Image: S399-03-t10\_01.ppm

Val Image: S399-04-t10\_01.ppm

Precision SIFT: 0.5714285714285714

Recall SIFT: 0.5283018867924528

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5490196078431373

Precision AKAZE: 0.5

Recall AKAZE: 0.4905660377358491

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4952380952380953

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.57))

Folder: S399

Train Image: S399-01-t10\_01.ppm

Val Image: S399-05-t10\_01.ppm

Precision SIFT: 0.3653846153846154

Recall SIFT: 0.3725490196078431

Accuracy SIFT: 0.35

F1-Score SIFT: 0.3689320388349515

Precision AKAZE: 0.4782608695652174

Recall AKAZE: 0.4313725490196079

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4536082474226804

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.48))

Folder: S399

Train Image: S399-01-t10\_01.ppm

Val Image: S399-04-t10\_01.ppm

Precision SIFT: 0.5609756097560976

Recall SIFT: 0.4259259259259259

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4842105263157895

Precision AKAZE: 0.4693877551020408

Recall AKAZE: 0.4259259259259259

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.4466019417475728

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.56))

Folder: S399

Train Image: S399-02-t10\_01.ppm

Val Image: S399-05-t10\_01.ppm

Precision SIFT: 0.3888888888888889

Recall SIFT: 0.35

Accuracy SIFT: 0.52

F1-Score SIFT: 0.3684210526315789

Precision AKAZE: 0.4285714285714285

Recall AKAZE: 0.525

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.4719101123595505

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.53))

Folder: S399

Train Image: S399-02-t10\_01.ppm

Val Image: S399-04-t10\_01.ppm

Precision SIFT: 0.5454545454545454

Recall SIFT: 0.4528301886792453

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4948453608247423

Precision AKAZE: 0.4081632653061225

Recall AKAZE: 0.3773584905660378

Accuracy AKAZE: 0.38

F1-Score AKAZE: 0.392156862745098

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.55))

Folder: S415

Train Image: S415-02-t10\_01.ppm

Val Image: S415-05-t10\_01.ppm

Precision SIFT: 0.5660377358490566

Recall SIFT: 0.7142857142857143

Accuracy SIFT: 0.65

F1-Score SIFT: 0.631578947368421

Precision AKAZE: 0.4166666666666667

Recall AKAZE: 0.4761904761904762

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4444444444444444

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.71))

Folder: S415

Train Image: S415-02-t10\_01.ppm

Val Image: S415-03-t10\_01.ppm

Precision SIFT: 0.4693877551020408

Recall SIFT: 0.4339622641509434

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4509803921568628

Precision AKAZE: 0.5

Recall AKAZE: 0.4905660377358491

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4952380952380953

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.50))

Folder: S415

Train Image: S415-01-t10\_01.ppm

Val Image: S415-05-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.5185185185185185

Accuracy SIFT: 0.46

F1-Score SIFT: 0.509090909090909

Precision AKAZE: 0.5901639344262295

Recall AKAZE: 0.6666666666666666

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.6260869565217392

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.67))

Folder: S415

Train Image: S415-01-t10\_01.ppm

Val Image: S415-03-t10\_01.ppm

Precision SIFT: 0.5272727272727272

Recall SIFT: 0.5576923076923077

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5420560747663551

Precision AKAZE: 0.5714285714285714

Recall AKAZE: 0.5384615384615384

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5544554455445545

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.57))

Folder: S415

Train Image: S415-06-t10\_01.ppm

Val Image: S415-05-t10\_01.ppm

Precision SIFT: 0.4130434782608696

Recall SIFT: 0.4130434782608696

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4130434782608696

Precision AKAZE: 0.4509803921568628

Recall AKAZE: 0.5

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4742268041237113

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.50))

Folder: S415

Train Image: S415-06-t10\_01.ppm

Val Image: S415-03-t10\_01.ppm

Precision SIFT: 0.5483870967741935

Recall SIFT: 0.6415094339622641

Accuracy SIFT: 0.53

F1-Score SIFT: 0.591304347826087

Precision AKAZE: 0.5185185185185185

Recall AKAZE: 0.5283018867924528

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5233644859813084

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.64))

Folder: S415

Train Image: S415-07-t10\_01.ppm

Val Image: S415-05-t10\_01.ppm

Precision SIFT: 0.4745762711864407

Recall SIFT: 0.5714285714285714

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5185185185185185

Precision AKAZE: 0.4782608695652174

Recall AKAZE: 0.4489795918367347

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4631578947368421

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S415

Train Image: S415-07-t10\_01.ppm

Val Image: S415-03-t10\_01.ppm

Precision SIFT: 0.4423076923076923

Recall SIFT: 0.4693877551020408

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4554455445544555

Precision AKAZE: 0.5357142857142857

Recall AKAZE: 0.6122448979591837

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5714285714285714

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.61))

Folder: S415

Train Image: S415-04-t10\_01.ppm

Val Image: S415-05-t10\_01.ppm

Precision SIFT: 0.5416666666666666

Recall SIFT: 0.5098039215686274

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5252525252525253

Precision AKAZE: 0.5535714285714286

Recall AKAZE: 0.6078431372549019

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5794392523364486

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.61))

Folder: S415

Train Image: S415-04-t10\_01.ppm

Val Image: S415-03-t10\_01.ppm

Precision SIFT: 0.4893617021276596

Recall SIFT: 0.4791666666666667

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4842105263157895

Precision AKAZE: 0.3636363636363636

Recall AKAZE: 0.3333333333333333

Accuracy AKAZE: 0.4

F1-Score AKAZE: 0.3478260869565217

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.51))

Folder: S411

Train Image: S411-03-t10\_01.ppm

Val Image: S411-06-t10\_01.ppm

Precision SIFT: 0.6153846153846154

Recall SIFT: 0.5454545454545454

Accuracy SIFT: 0.65

F1-Score SIFT: 0.5783132530120482

Precision AKAZE: 0.5416666666666666

Recall AKAZE: 0.5909090909090909

Accuracy AKAZE: 0.6

F1-Score AKAZE: 0.5652173913043478

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.65))

Folder: S411

Train Image: S411-03-t10\_01.ppm

Val Image: S411-01-t10\_01.ppm

Precision SIFT: 0.5576923076923077

Recall SIFT: 0.5471698113207547

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5523809523809524

Precision AKAZE: 0.5254237288135594

Recall AKAZE: 0.5849056603773585

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5535714285714286

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.58))

Folder: S411

Train Image: S411-03-t10\_01.ppm

Val Image: S411-06-t10\_02.ppm

Precision SIFT: 0.4489795918367347

Recall SIFT: 0.4489795918367347

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4489795918367347

Precision AKAZE: 0.4528301886792453

Recall AKAZE: 0.4897959183673469

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4705882352941176

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.49))

Folder: S411

Train Image: S411-03-t10\_01.ppm

Val Image: S411-02-t10\_01.ppm

Precision SIFT: 0.5384615384615384

Recall SIFT: 0.56

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5490196078431373

Precision AKAZE: 0.5102040816326531

Recall AKAZE: 0.5

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5050505050505051

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.56))

Folder: S411

Train Image: S411-03-t10\_01.ppm

Val Image: S411-04-t10\_01.ppm

Precision SIFT: 0.5714285714285714

Recall SIFT: 0.4067796610169492

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4752475247524752

Precision AKAZE: 0.5892857142857143

Recall AKAZE: 0.559322033898305

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5739130434782609

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.59))

Folder: S411

Train Image: S411-05-t10\_01.ppm

Val Image: S411-06-t10\_01.ppm

Precision SIFT: 0.4130434782608696

Recall SIFT: 0.4222222222222222

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4175824175824176

Precision AKAZE: 0.4705882352941176

Recall AKAZE: 0.5333333333333333

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.53))

Folder: S411

Train Image: S411-05-t10\_01.ppm

Val Image: S411-01-t10\_01.ppm

Precision SIFT: 0.4791666666666667

Recall SIFT: 0.5

Accuracy SIFT: 0.52

F1-Score SIFT: 0.4893617021276596

Precision AKAZE: 0.4444444444444444

Recall AKAZE: 0.6086956521739131

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.5137614678899083

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.61))

Folder: S411

Train Image: S411-05-t10\_01.ppm

Val Image: S411-06-t10\_02.ppm

Precision SIFT: 0.5192307692307693

Recall SIFT: 0.4909090909090909

Accuracy SIFT: 0.47

F1-Score SIFT: 0.5046728971962616

Precision AKAZE: 0.4666666666666667

Recall AKAZE: 0.3818181818181818

Accuracy AKAZE: 0.42

F1-Score AKAZE: 0.42

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.52))

Folder: S411

Train Image: S411-05-t10\_01.ppm

Val Image: S411-02-t10\_01.ppm

Precision SIFT: 0.5636363636363636

Recall SIFT: 0.5740740740740741

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5688073394495413

Precision AKAZE: 0.5813953488372093

Recall AKAZE: 0.462962962962963

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5154639175257731

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.58))

Folder: S411

Train Image: S411-05-t10\_01.ppm

Val Image: S411-04-t10\_01.ppm

Precision SIFT: 0.4347826086956522

Recall SIFT: 0.4166666666666667

Accuracy SIFT: 0.46

F1-Score SIFT: 0.425531914893617

Precision AKAZE: 0.5208333333333334

Recall AKAZE: 0.5208333333333334

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5208333333333334

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.54))

Folder: S411

Train Image: S411-06-t10\_03.ppm

Val Image: S411-06-t10\_01.ppm

Precision SIFT: 0.3255813953488372

Recall SIFT: 0.3414634146341464

Accuracy SIFT: 0.44

F1-Score SIFT: 0.3333333333333333

Precision AKAZE: 0.4888888888888889

Recall AKAZE: 0.5365853658536586

Accuracy AKAZE: 0.58

F1-Score AKAZE: 0.5116279069767442

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.58))

Folder: S411

Train Image: S411-06-t10\_03.ppm

Val Image: S411-01-t10\_01.ppm

Precision SIFT: 0.4677419354838709

Recall SIFT: 0.6041666666666666

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5272727272727272

Precision AKAZE: 0.4655172413793103

Recall AKAZE: 0.5625

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.5094339622641509

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.60))

Folder: S411

Train Image: S411-06-t10\_03.ppm

Val Image: S411-06-t10\_02.ppm

Precision SIFT: 0.5454545454545454

Recall SIFT: 0.6122448979591837

Accuracy SIFT: 0.56

F1-Score SIFT: 0.5769230769230769

Precision AKAZE: 0.5

Recall AKAZE: 0.4897959183673469

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4948453608247423

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.61))

Folder: S411

Train Image: S411-06-t10\_03.ppm

Val Image: S411-02-t10\_01.ppm

Precision SIFT: 0.4423076923076923

Recall SIFT: 0.4339622641509434

Accuracy SIFT: 0.41

F1-Score SIFT: 0.4380952380952381

Precision AKAZE: 0.6206896551724138

Recall AKAZE: 0.6792452830188679

Accuracy AKAZE: 0.61

F1-Score AKAZE: 0.6486486486486487

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.68))

Folder: S411

Train Image: S411-06-t10\_03.ppm

Val Image: S411-04-t10\_01.ppm

Precision SIFT: 0.5531914893617021

Recall SIFT: 0.4727272727272727

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5098039215686274

Precision AKAZE: 0.58

Recall AKAZE: 0.5272727272727272

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5523809523809524

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.58))

Folder: S406

Train Image: S406-02-t10\_01.ppm

Val Image: S406-01-t10\_01.ppm

Precision SIFT: 0.56

Recall SIFT: 0.56

Accuracy SIFT: 0.56

F1-Score SIFT: 0.56

Precision AKAZE: 0.4651162790697674

Recall AKAZE: 0.4

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4301075268817204

Best Method (Metrics): SIFT (SIFT memiliki F1-Score lebih tinggi (0.56))

Folder: S407

Train Image: S407-03-t10\_02.ppm

Val Image: S407-03-t10\_01.ppm

Precision SIFT: 0.5294117647058824

Recall SIFT: 0.4909090909090909

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5094339622641509

Precision AKAZE: 0.5208333333333334

Recall AKAZE: 0.4545454545454545

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4854368932038835

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.53))

Folder: S407

Train Image: S407-03-t10\_02.ppm

Val Image: S407-02-t10\_01.ppm

Precision SIFT: 0.5454545454545454

Recall SIFT: 0.6

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5714285714285714

Precision AKAZE: 0.4634146341463415

Recall AKAZE: 0.38

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4175824175824176

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.60))

Folder: S407

Train Image: S407-03-t10\_02.ppm

Val Image: S407-03-t10\_03.ppm

Precision SIFT: 0.4833333333333333

Recall SIFT: 0.5576923076923077

Accuracy SIFT: 0.46

F1-Score SIFT: 0.5178571428571429

Precision AKAZE: 0.4107142857142857

Recall AKAZE: 0.4423076923076923

Accuracy AKAZE: 0.38

F1-Score AKAZE: 0.4259259259259259

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.56))

Folder: S407

Train Image: S407-03-t10\_02.ppm

Val Image: S407-01-t10\_01.ppm

Precision SIFT: 0.5294117647058824

Recall SIFT: 0.574468085106383

Accuracy SIFT: 0.56

F1-Score SIFT: 0.5510204081632653

Precision AKAZE: 0.3584905660377358

Recall AKAZE: 0.4042553191489361

Accuracy AKAZE: 0.38

F1-Score AKAZE: 0.38

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S409

Train Image: S409-09-t10\_01.ppm

Val Image: S409-02-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.5111111111111111

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5054945054945055

Precision AKAZE: 0.4680851063829787

Recall AKAZE: 0.4888888888888889

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.4782608695652174

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.55))

Folder: S409

Train Image: S409-09-t10\_01.ppm

Val Image: S409-11-t10\_01.ppm

Precision SIFT: 0.5263157894736842

Recall SIFT: 0.5769230769230769

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5504587155963303

Precision AKAZE: 0.5535714285714286

Recall AKAZE: 0.5961538461538461

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5740740740740741

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.60))

Folder: S409

Train Image: S409-09-t10\_01.ppm

Val Image: S409-01-t10\_01.ppm

Precision SIFT: 0.5932203389830508

Recall SIFT: 0.6140350877192983

Accuracy SIFT: 0.54

F1-Score SIFT: 0.603448275862069

Precision AKAZE: 0.6666666666666666

Recall AKAZE: 0.4912280701754386

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5656565656565656

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.67))

Folder: S409

Train Image: S409-09-t10\_01.ppm

Val Image: S409-10-t10\_01.ppm

Precision SIFT: 0.5454545454545454

Recall SIFT: 0.5555555555555556

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5504587155963303

Precision AKAZE: 0.5416666666666666

Recall AKAZE: 0.4814814814814815

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5098039215686274

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.56))

Folder: S409

Train Image: S409-09-t10\_01.ppm

Val Image: S409-03-t10\_01.ppm

Precision SIFT: 0.4814814814814815

Recall SIFT: 0.5

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4905660377358491

Precision AKAZE: 0.4680851063829787

Recall AKAZE: 0.4230769230769231

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4444444444444444

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.50))

Folder: S409

Train Image: S409-09-t10\_01.ppm

Val Image: S409-04-t10\_01.ppm

Precision SIFT: 0.4565217391304348

Recall SIFT: 0.4285714285714285

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4421052631578947

Precision AKAZE: 0.46

Recall AKAZE: 0.4693877551020408

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4646464646464646

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.47))

Folder: S409

Train Image: S409-06-t10\_01.ppm

Val Image: S409-02-t10\_01.ppm

Precision SIFT: 0.5272727272727272

Recall SIFT: 0.5686274509803921

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5471698113207547

Precision AKAZE: 0.5319148936170213

Recall AKAZE: 0.4901960784313725

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5102040816326531

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S409

Train Image: S409-06-t10\_01.ppm

Val Image: S409-11-t10\_01.ppm

Precision SIFT: 0.456140350877193

Recall SIFT: 0.6046511627906976

Accuracy SIFT: 0.52

F1-Score SIFT: 0.52

Precision AKAZE: 0.3725490196078431

Recall AKAZE: 0.4418604651162791

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.4042553191489361

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.60))

Folder: S409

Train Image: S409-06-t10\_01.ppm

Val Image: S409-01-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.5

Accuracy SIFT: 0.56

F1-Score SIFT: 0.5

Precision AKAZE: 0.4634146341463415

Recall AKAZE: 0.4318181818181818

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.4470588235294118

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.56))

Folder: S409

Train Image: S409-06-t10\_01.ppm

Val Image: S409-10-t10\_01.ppm

Precision SIFT: 0.4727272727272727

Recall SIFT: 0.52

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4952380952380953

Precision AKAZE: 0.4528301886792453

Recall AKAZE: 0.48

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4660194174757282

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.52))

Folder: S409

Train Image: S409-06-t10\_01.ppm

Val Image: S409-03-t10\_01.ppm

Precision SIFT: 0.6

Recall SIFT: 0.5

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5454545454545454

Precision AKAZE: 0.559322033898305

Recall AKAZE: 0.6111111111111112

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.584070796460177

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.61))

Folder: S409

Train Image: S409-06-t10\_01.ppm

Val Image: S409-04-t10\_01.ppm

Precision SIFT: 0.6304347826086957

Recall SIFT: 0.4603174603174603

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5321100917431193

Precision AKAZE: 0.6226415094339622

Recall AKAZE: 0.5238095238095238

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5689655172413793

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.63))

Folder: S409

Train Image: S409-07-t10\_01.ppm

Val Image: S409-02-t10\_01.ppm

Precision SIFT: 0.5098039215686274

Recall SIFT: 0.5531914893617021

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5306122448979592

Precision AKAZE: 0.4915254237288136

Recall AKAZE: 0.6170212765957447

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5471698113207547

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.62))

Folder: S409

Train Image: S409-07-t10\_01.ppm

Val Image: S409-11-t10\_01.ppm

Precision SIFT: 0.4074074074074074

Recall SIFT: 0.5238095238095238

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4583333333333333

Precision AKAZE: 0.3137254901960784

Recall AKAZE: 0.3809523809523809

Accuracy AKAZE: 0.39

F1-Score AKAZE: 0.3440860215053764

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.52))

Folder: S409

Train Image: S409-07-t10\_01.ppm

Val Image: S409-01-t10\_01.ppm

Precision SIFT: 0.4038461538461539

Recall SIFT: 0.4375

Accuracy SIFT: 0.42

F1-Score SIFT: 0.42

Precision AKAZE: 0.4444444444444444

Recall AKAZE: 0.5

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4705882352941176

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.50))

Folder: S409

Train Image: S409-07-t10\_01.ppm

Val Image: S409-10-t10\_01.ppm

Precision SIFT: 0.4893617021276596

Recall SIFT: 0.5609756097560976

Accuracy SIFT: 0.58

F1-Score SIFT: 0.5227272727272727

Precision AKAZE: 0.3620689655172414

Recall AKAZE: 0.5121951219512195

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.4242424242424243

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.58))

Folder: S409

Train Image: S409-07-t10\_01.ppm

Val Image: S409-03-t10\_01.ppm

Precision SIFT: 0.3541666666666667

Recall SIFT: 0.3695652173913043

Accuracy SIFT: 0.4

F1-Score SIFT: 0.3617021276595745

Precision AKAZE: 0.4583333333333333

Recall AKAZE: 0.4782608695652174

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4680851063829787

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.50))

Folder: S409

Train Image: S409-07-t10\_01.ppm

Val Image: S409-04-t10\_01.ppm

Precision SIFT: 0.5689655172413793

Recall SIFT: 0.6470588235294118

Accuracy SIFT: 0.57

F1-Score SIFT: 0.6055045871559633

Precision AKAZE: 0.5344827586206896

Recall AKAZE: 0.6078431372549019

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5688073394495413

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.65))

Folder: S409

Train Image: S409-05-t10\_01.ppm

Val Image: S409-02-t10\_01.ppm

Precision SIFT: 0.375

Recall SIFT: 0.375

Accuracy SIFT: 0.4

F1-Score SIFT: 0.375

Precision AKAZE: 0.4871794871794872

Recall AKAZE: 0.3958333333333333

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4367816091954023

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.51))

Folder: S409

Train Image: S409-05-t10\_01.ppm

Val Image: S409-11-t10\_01.ppm

Precision SIFT: 0.4423076923076923

Recall SIFT: 0.4791666666666667

Accuracy SIFT: 0.46

F1-Score SIFT: 0.46

Precision AKAZE: 0.5

Recall AKAZE: 0.5208333333333334

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5102040816326531

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.52))

Folder: S409

Train Image: S409-05-t10\_01.ppm

Val Image: S409-01-t10\_01.ppm

Precision SIFT: 0.5454545454545454

Recall SIFT: 0.4363636363636363

Accuracy SIFT: 0.49

F1-Score SIFT: 0.4848484848484849

Precision AKAZE: 0.5660377358490566

Recall AKAZE: 0.5454545454545454

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5555555555555556

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.57))

Folder: S409

Train Image: S409-05-t10\_01.ppm

Val Image: S409-10-t10\_01.ppm

Precision SIFT: 0.4782608695652174

Recall SIFT: 0.4150943396226415

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4444444444444444

Precision AKAZE: 0.6326530612244898

Recall AKAZE: 0.5849056603773585

Accuracy AKAZE: 0.6

F1-Score AKAZE: 0.6078431372549019

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.63))

Folder: S409

Train Image: S409-05-t10\_01.ppm

Val Image: S409-03-t10\_01.ppm

Precision SIFT: 0.4565217391304348

Recall SIFT: 0.3962264150943396

Accuracy SIFT: 0.43

F1-Score SIFT: 0.4242424242424243

Precision AKAZE: 0.4897959183673469

Recall AKAZE: 0.4528301886792453

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4705882352941176

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.49))

Folder: S409

Train Image: S409-05-t10\_01.ppm

Val Image: S409-04-t10\_01.ppm

Precision SIFT: 0.5384615384615384

Recall SIFT: 0.56

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5490196078431373

Precision AKAZE: 0.4509803921568628

Recall AKAZE: 0.46

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4554455445544555

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.56))

Folder: S409

Train Image: S409-08-t10\_01.ppm

Val Image: S409-02-t10\_01.ppm

Precision SIFT: 0.5192307692307693

Recall SIFT: 0.5

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5094339622641509

Precision AKAZE: 0.5434782608695652

Recall AKAZE: 0.462962962962963

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.54))

Folder: S409

Train Image: S409-08-t10\_01.ppm

Val Image: S409-11-t10\_01.ppm

Precision SIFT: 0.5581395348837209

Recall SIFT: 0.4897959183673469

Accuracy SIFT: 0.56

F1-Score SIFT: 0.5217391304347826

Precision AKAZE: 0.375

Recall AKAZE: 0.3061224489795918

Accuracy AKAZE: 0.41

F1-Score AKAZE: 0.3370786516853932

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.56))

Folder: S409

Train Image: S409-08-t10\_01.ppm

Val Image: S409-01-t10\_01.ppm

Precision SIFT: 0.5686274509803921

Recall SIFT: 0.5471698113207547

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5576923076923077

Precision AKAZE: 0.5185185185185185

Recall AKAZE: 0.5283018867924528

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5233644859813084

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.57))

Folder: S409

Train Image: S409-08-t10\_01.ppm

Val Image: S409-10-t10\_01.ppm

Precision SIFT: 0.4736842105263158

Recall SIFT: 0.5294117647058824

Accuracy SIFT: 0.46

F1-Score SIFT: 0.5

Precision AKAZE: 0.5263157894736842

Recall AKAZE: 0.5882352941176471

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5555555555555556

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.59))

Folder: S409

Train Image: S409-08-t10\_01.ppm

Val Image: S409-03-t10\_01.ppm

Precision SIFT: 0.4545454545454545

Recall SIFT: 0.4444444444444444

Accuracy SIFT: 0.51

F1-Score SIFT: 0.449438202247191

Precision AKAZE: 0.4489795918367347

Recall AKAZE: 0.4888888888888889

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4680851063829787

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.51))

Folder: S409

Train Image: S409-08-t10\_01.ppm

Val Image: S409-04-t10\_01.ppm

Precision SIFT: 0.4230769230769231

Recall SIFT: 0.4150943396226415

Accuracy SIFT: 0.39

F1-Score SIFT: 0.4190476190476191

Precision AKAZE: 0.5106382978723404

Recall AKAZE: 0.4528301886792453

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.48

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.51))

Folder: S414

Train Image: S414-01-t10\_01.ppm

Val Image: S414-10-t10\_01.ppm

Precision SIFT: 0.4791666666666667

Recall SIFT: 0.46

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4693877551020408

Precision AKAZE: 0.52

Recall AKAZE: 0.52

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.52

Best Method (Metrics): AKAZE (AKAZE memiliki F1-Score lebih tinggi (0.52))

Folder: S414

Train Image: S414-01-t10\_01.ppm

Val Image: S414-02-t10\_01.ppm

Precision SIFT: 0.42

Recall SIFT: 0.4038461538461539

Accuracy SIFT: 0.4

F1-Score SIFT: 0.4117647058823529

Precision AKAZE: 0.4821428571428572

Recall AKAZE: 0.5192307692307693

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.5

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.52))

Folder: S414

Train Image: S414-01-t10\_01.ppm

Val Image: S414-03-t10\_01.ppm

Precision SIFT: 0.5892857142857143

Recall SIFT: 0.6470588235294118

Accuracy SIFT: 0.59

F1-Score SIFT: 0.616822429906542

Precision AKAZE: 0.4716981132075472

Recall AKAZE: 0.4901960784313725

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4807692307692308

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.65))

Folder: S414

Train Image: S414-01-t10\_01.ppm

Val Image: S414-08-t10\_01.ppm

Precision SIFT: 0.4814814814814815

Recall SIFT: 0.5652173913043478

Accuracy SIFT: 0.52

F1-Score SIFT: 0.52

Precision AKAZE: 0.46

Recall AKAZE: 0.5

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4791666666666667

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S414

Train Image: S414-01-t10\_01.ppm

Val Image: S414-09-t10\_01.ppm

Precision SIFT: 0.4680851063829787

Recall SIFT: 0.4

Accuracy SIFT: 0.42

F1-Score SIFT: 0.4313725490196079

Precision AKAZE: 0.5471698113207547

Recall AKAZE: 0.5272727272727272

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5370370370370371

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.55))

Folder: S414

Train Image: S414-01-t10\_01.ppm

Val Image: S414-04-t10\_01.ppm

Precision SIFT: 0.4117647058823529

Recall SIFT: 0.4565217391304348

Accuracy SIFT: 0.45

F1-Score SIFT: 0.4329896907216495

Precision AKAZE: 0.4893617021276596

Recall AKAZE: 0.5

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.4946236559139785

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.53))

Folder: S414

Train Image: S414-01-t10\_01.ppm

Val Image: S414-06-t10\_01.ppm

Precision SIFT: 0.4680851063829787

Recall SIFT: 0.4

Accuracy SIFT: 0.42

F1-Score SIFT: 0.4313725490196079

Precision AKAZE: 0.5135135135135135

Recall AKAZE: 0.3454545454545455

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4130434782608696

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.51))

Folder: S414

Train Image: S414-05-t10\_01.ppm

Val Image: S414-10-t10\_01.ppm

Precision SIFT: 0.6101694915254238

Recall SIFT: 0.6923076923076923

Accuracy SIFT: 0.61

F1-Score SIFT: 0.6486486486486487

Precision AKAZE: 0.462962962962963

Recall AKAZE: 0.4807692307692308

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.4716981132075472

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.69))

Folder: S414

Train Image: S414-05-t10\_01.ppm

Val Image: S414-02-t10\_01.ppm

Precision SIFT: 0.4363636363636363

Recall SIFT: 0.5217391304347826

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4752475247524752

Precision AKAZE: 0.4693877551020408

Recall AKAZE: 0.5

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4842105263157895

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.52))

Folder: S414

Train Image: S414-05-t10\_01.ppm

Val Image: S414-03-t10\_01.ppm

Precision SIFT: 0.4468085106382979

Recall SIFT: 0.4375

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4421052631578947

Precision AKAZE: 0.509090909090909

Recall AKAZE: 0.5833333333333334

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5436893203883495

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.58))

Folder: S414

Train Image: S414-05-t10\_01.ppm

Val Image: S414-08-t10\_01.ppm

Precision SIFT: 0.4444444444444444

Recall SIFT: 0.4761904761904762

Accuracy SIFT: 0.53

F1-Score SIFT: 0.4597701149425287

Precision AKAZE: 0.44

Recall AKAZE: 0.5238095238095238

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.4782608695652174

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.53))

Folder: S414

Train Image: S414-05-t10\_01.ppm

Val Image: S414-09-t10\_01.ppm

Precision SIFT: 0.631578947368421

Recall SIFT: 0.6666666666666666

Accuracy SIFT: 0.61

F1-Score SIFT: 0.6486486486486487

Precision AKAZE: 0.5555555555555556

Recall AKAZE: 0.462962962962963

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5050505050505051

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.67))

Folder: S414

Train Image: S414-05-t10\_01.ppm

Val Image: S414-04-t10\_01.ppm

Precision SIFT: 0.3469387755102041

Recall SIFT: 0.3695652173913043

Accuracy SIFT: 0.39

F1-Score SIFT: 0.3578947368421053

Precision AKAZE: 0.5681818181818182

Recall AKAZE: 0.5434782608695652

Accuracy AKAZE: 0.6

F1-Score AKAZE: 0.5555555555555556

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.60))

Folder: S414

Train Image: S414-05-t10\_01.ppm

Val Image: S414-06-t10\_01.ppm

Precision SIFT: 0.4347826086956522

Recall SIFT: 0.4

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4166666666666667

Precision AKAZE: 0.4716981132075472

Recall AKAZE: 0.5

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4854368932038835

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.50))

Folder: S414

Train Image: S414-07-t10\_01.ppm

Val Image: S414-10-t10\_01.ppm

Precision SIFT: 0.6190476190476191

Recall SIFT: 0.5098039215686274

Accuracy SIFT: 0.59

F1-Score SIFT: 0.5591397849462365

Precision AKAZE: 0.5641025641025641

Recall AKAZE: 0.4313725490196079

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.4888888888888889

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.62))

Folder: S414

Train Image: S414-07-t10\_01.ppm

Val Image: S414-02-t10\_01.ppm

Precision SIFT: 0.575

Recall SIFT: 0.5

Accuracy SIFT: 0.6

F1-Score SIFT: 0.5348837209302325

Precision AKAZE: 0.5869565217391305

Recall AKAZE: 0.5869565217391305

Accuracy AKAZE: 0.62

F1-Score AKAZE: 0.5869565217391305

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.62))

Folder: S414

Train Image: S414-07-t10\_01.ppm

Val Image: S414-03-t10\_01.ppm

Precision SIFT: 0.574468085106383

Recall SIFT: 0.4909090909090909

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5294117647058824

Precision AKAZE: 0.4782608695652174

Recall AKAZE: 0.4

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.4356435643564356

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.57))

Folder: S414

Train Image: S414-07-t10\_01.ppm

Val Image: S414-08-t10\_01.ppm

Precision SIFT: 0.5490196078431373

Recall SIFT: 0.5957446808510638

Accuracy SIFT: 0.58

F1-Score SIFT: 0.5714285714285714

Precision AKAZE: 0.4565217391304348

Recall AKAZE: 0.4468085106382979

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4516129032258064

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.60))

Folder: S414

Train Image: S414-07-t10\_01.ppm

Val Image: S414-09-t10\_01.ppm

Precision SIFT: 0.4473684210526316

Recall SIFT: 0.3953488372093023

Accuracy SIFT: 0.53

F1-Score SIFT: 0.4197530864197531

Precision AKAZE: 0.375

Recall AKAZE: 0.4883720930232558

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.4242424242424243

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.53))

Folder: S414

Train Image: S414-07-t10\_01.ppm

Val Image: S414-04-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.5306122448979592

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5148514851485149

Precision AKAZE: 0.3673469387755102

Recall AKAZE: 0.3673469387755102

Accuracy AKAZE: 0.38

F1-Score AKAZE: 0.3673469387755102

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.53))

Folder: S414

Train Image: S414-07-t10\_01.ppm

Val Image: S414-06-t10\_01.ppm

Precision SIFT: 0.4761904761904762

Recall SIFT: 0.4081632653061225

Accuracy SIFT: 0.49

F1-Score SIFT: 0.4395604395604396

Precision AKAZE: 0.4642857142857143

Recall AKAZE: 0.5306122448979592

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4952380952380953

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.53))

Folder: S414

Train Image: S414-11-t10\_01.ppm

Val Image: S414-10-t10\_01.ppm

Precision SIFT: 0.4807692307692308

Recall SIFT: 0.5319148936170213

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5050505050505051

Precision AKAZE: 0.3846153846153846

Recall AKAZE: 0.425531914893617

Accuracy AKAZE: 0.41

F1-Score AKAZE: 0.404040404040404

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.53))

Folder: S414

Train Image: S414-11-t10\_01.ppm

Val Image: S414-02-t10\_01.ppm

Precision SIFT: 0.6

Recall SIFT: 0.3559322033898305

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4468085106382979

Precision AKAZE: 0.6037735849056604

Recall AKAZE: 0.5423728813559322

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5714285714285714

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.60))

Folder: S414

Train Image: S414-11-t10\_01.ppm

Val Image: S414-03-t10\_01.ppm

Precision SIFT: 0.5370370370370371

Recall SIFT: 0.5471698113207547

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5420560747663551

Precision AKAZE: 0.5689655172413793

Recall AKAZE: 0.6226415094339622

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5945945945945946

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.62))

Folder: S414

Train Image: S414-11-t10\_01.ppm

Val Image: S414-08-t10\_01.ppm

Precision SIFT: 0.4666666666666667

Recall SIFT: 0.42

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4421052631578947

Precision AKAZE: 0.4042553191489361

Recall AKAZE: 0.38

Accuracy AKAZE: 0.41

F1-Score AKAZE: 0.3917525773195876

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.47))

Folder: S414

Train Image: S414-11-t10\_01.ppm

Val Image: S414-09-t10\_01.ppm

Precision SIFT: 0.4444444444444444

Recall SIFT: 0.392156862745098

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4166666666666667

Precision AKAZE: 0.4716981132075472

Recall AKAZE: 0.4901960784313725

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4807692307692308

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.49))

Folder: S414

Train Image: S414-11-t10\_01.ppm

Val Image: S414-04-t10\_01.ppm

Precision SIFT: 0.4680851063829787

Recall SIFT: 0.44

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4536082474226804

Precision AKAZE: 0.5

Recall AKAZE: 0.54

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5192307692307693

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.54))

Folder: S414

Train Image: S414-11-t10\_01.ppm

Val Image: S414-06-t10\_01.ppm

Precision SIFT: 0.5490196078431373

Recall SIFT: 0.4827586206896552

Accuracy SIFT: 0.47

F1-Score SIFT: 0.5137614678899083

Precision AKAZE: 0.5777777777777777

Recall AKAZE: 0.4482758620689655

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5048543689320388

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.58))

Folder: S408

Train Image: S408-02-t10\_01.ppm

Val Image: S408-01-t10\_01.ppm

Precision SIFT: 0.5370370370370371

Recall SIFT: 0.58

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5576923076923077

Precision AKAZE: 0.4772727272727273

Recall AKAZE: 0.42

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.4468085106382979

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.58))

Folder: S412

Train Image: S412-02-t10\_01.ppm

Val Image: S412-01-t10\_01.ppm

Precision SIFT: 0.5319148936170213

Recall SIFT: 0.4545454545454545

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4901960784313725

Precision AKAZE: 0.559322033898305

Recall AKAZE: 0.6

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5789473684210527

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.60))

Folder: S412

Train Image: S412-03-t10\_01.ppm

Val Image: S412-01-t10\_01.ppm

Precision SIFT: 0.56

Recall SIFT: 0.5283018867924528

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5436893203883495

Precision AKAZE: 0.4893617021276596

Recall AKAZE: 0.4339622641509434

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.46

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.56))

Folder: S413

Train Image: S413-06-t10\_01.ppm

Val Image: S413-01-t10\_01.ppm

Precision SIFT: 0.509090909090909

Recall SIFT: 0.56

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5333333333333333

Precision AKAZE: 0.4545454545454545

Recall AKAZE: 0.5

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4761904761904762

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.56))

Folder: S413

Train Image: S413-06-t10\_01.ppm

Val Image: S413-02-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.4705882352941176

Accuracy SIFT: 0.49

F1-Score SIFT: 0.4848484848484849

Precision AKAZE: 0.5087719298245614

Recall AKAZE: 0.5686274509803921

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5370370370370371

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.57))

Folder: S413

Train Image: S413-06-t10\_01.ppm

Val Image: S413-03-t10\_01.ppm

Precision SIFT: 0.64

Recall SIFT: 0.5245901639344263

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5765765765765766

Precision AKAZE: 0.6

Recall AKAZE: 0.4918032786885246

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5405405405405406

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.64))

Folder: S413

Train Image: S413-06-t10\_01.ppm

Val Image: S413-09-t10\_01.ppm

Precision SIFT: 0.54

Recall SIFT: 0.5094339622641509

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5242718446601942

Precision AKAZE: 0.4468085106382979

Recall AKAZE: 0.3962264150943396

Accuracy AKAZE: 0.42

F1-Score AKAZE: 0.42

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.54))

Folder: S413

Train Image: S413-07-t10\_01.ppm

Val Image: S413-01-t10\_01.ppm

Precision SIFT: 0.4528301886792453

Recall SIFT: 0.5106382978723404

Accuracy SIFT: 0.48

F1-Score SIFT: 0.48

Precision AKAZE: 0.4210526315789473

Recall AKAZE: 0.5106382978723404

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.4615384615384616

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.51))

Folder: S413

Train Image: S413-07-t10\_01.ppm

Val Image: S413-02-t10\_01.ppm

Precision SIFT: 0.462962962962963

Recall SIFT: 0.462962962962963

Accuracy SIFT: 0.42

F1-Score SIFT: 0.462962962962963

Precision AKAZE: 0.5769230769230769

Recall AKAZE: 0.5555555555555556

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5660377358490566

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.58))

Folder: S413

Train Image: S413-07-t10\_01.ppm

Val Image: S413-03-t10\_01.ppm

Precision SIFT: 0.52

Recall SIFT: 0.5909090909090909

Accuracy SIFT: 0.58

F1-Score SIFT: 0.5531914893617021

Precision AKAZE: 0.3953488372093023

Recall AKAZE: 0.3863636363636364

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.3908045977011494

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.59))

Folder: S413

Train Image: S413-07-t10\_01.ppm

Val Image: S413-09-t10\_01.ppm

Precision SIFT: 0.425531914893617

Recall SIFT: 0.4

Accuracy SIFT: 0.43

F1-Score SIFT: 0.4123711340206185

Precision AKAZE: 0.6530612244897959

Recall AKAZE: 0.64

Accuracy AKAZE: 0.65

F1-Score AKAZE: 0.6464646464646465

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.65))

Folder: S413

Train Image: S413-08-t10\_01.ppm

Val Image: S413-01-t10\_01.ppm

Precision SIFT: 0.3653846153846154

Recall SIFT: 0.4523809523809524

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4042553191489361

Precision AKAZE: 0.3720930232558139

Recall AKAZE: 0.3809523809523809

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.3764705882352941

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.47))

Folder: S413

Train Image: S413-08-t10\_01.ppm

Val Image: S413-02-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.5531914893617021

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5252525252525253

Precision AKAZE: 0.5217391304347826

Recall AKAZE: 0.5106382978723404

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5161290322580645

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.55))

Folder: S413

Train Image: S413-08-t10\_01.ppm

Val Image: S413-03-t10\_01.ppm

Precision SIFT: 0.4782608695652174

Recall SIFT: 0.5116279069767442

Accuracy SIFT: 0.55

F1-Score SIFT: 0.4943820224719101

Precision AKAZE: 0.4385964912280702

Recall AKAZE: 0.5813953488372093

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.58))

Folder: S413

Train Image: S413-08-t10\_01.ppm

Val Image: S413-09-t10\_01.ppm

Precision SIFT: 0.6666666666666666

Recall SIFT: 0.6785714285714286

Accuracy SIFT: 0.63

F1-Score SIFT: 0.672566371681416

Precision AKAZE: 0.5737704918032787

Recall AKAZE: 0.625

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5982905982905983

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.68))

Folder: S413

Train Image: S413-10-t10\_01.ppm

Val Image: S413-01-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.5869565217391305

Accuracy SIFT: 0.54

F1-Score SIFT: 0.54

Precision AKAZE: 0.574468085106383

Recall AKAZE: 0.5869565217391305

Accuracy AKAZE: 0.61

F1-Score AKAZE: 0.5806451612903226

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.61))

Folder: S413

Train Image: S413-10-t10\_01.ppm

Val Image: S413-02-t10\_01.ppm

Precision SIFT: 0.392156862745098

Recall SIFT: 0.4651162790697674

Accuracy SIFT: 0.46

F1-Score SIFT: 0.425531914893617

Precision AKAZE: 0.4210526315789473

Recall AKAZE: 0.5581395348837209

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.48

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.56))

Folder: S413

Train Image: S413-10-t10\_01.ppm

Val Image: S413-03-t10\_01.ppm

Precision SIFT: 0.4375

Recall SIFT: 0.42

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4285714285714285

Precision AKAZE: 0.5348837209302325

Recall AKAZE: 0.46

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.4946236559139785

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.53))

Folder: S413

Train Image: S413-10-t10\_01.ppm

Val Image: S413-09-t10\_01.ppm

Precision SIFT: 0.4107142857142857

Recall SIFT: 0.4893617021276596

Accuracy SIFT: 0.43

F1-Score SIFT: 0.4466019417475728

Precision AKAZE: 0.4897959183673469

Recall AKAZE: 0.5106382978723404

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.52))

Folder: S413

Train Image: S413-05-t10\_01.ppm

Val Image: S413-01-t10\_01.ppm

Precision SIFT: 0.3877551020408163

Recall SIFT: 0.4418604651162791

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4130434782608696

Precision AKAZE: 0.3508771929824561

Recall AKAZE: 0.4651162790697674

Accuracy AKAZE: 0.4

F1-Score AKAZE: 0.4

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.47))

Folder: S413

Train Image: S413-05-t10\_01.ppm

Val Image: S413-02-t10\_01.ppm

Precision SIFT: 0.5471698113207547

Recall SIFT: 0.5178571428571429

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5321100917431193

Precision AKAZE: 0.6041666666666666

Recall AKAZE: 0.5178571428571429

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5576923076923077

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.60))

Folder: S413

Train Image: S413-05-t10\_01.ppm

Val Image: S413-03-t10\_01.ppm

Precision SIFT: 0.4038461538461539

Recall SIFT: 0.4375

Accuracy SIFT: 0.42

F1-Score SIFT: 0.42

Precision AKAZE: 0.5370370370370371

Recall AKAZE: 0.6041666666666666

Accuracy AKAZE: 0.56

F1-Score AKAZE: 0.5686274509803921

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.60))

Folder: S413

Train Image: S413-05-t10\_01.ppm

Val Image: S413-09-t10\_01.ppm

Precision SIFT: 0.6078431372549019

Recall SIFT: 0.543859649122807

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5740740740740741

Precision AKAZE: 0.6521739130434783

Recall AKAZE: 0.5263157894736842

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5825242718446602

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.65))

Folder: S413

Train Image: S413-04-t10\_01.ppm

Val Image: S413-01-t10\_01.ppm

Precision SIFT: 0.574468085106383

Recall SIFT: 0.5192307692307693

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5454545454545454

Precision AKAZE: 0.4666666666666667

Recall AKAZE: 0.4038461538461539

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4329896907216495

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.57))

Folder: S413

Train Image: S413-04-t10\_01.ppm

Val Image: S413-02-t10\_01.ppm

Precision SIFT: 0.5952380952380952

Recall SIFT: 0.4464285714285715

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5102040816326531

Precision AKAZE: 0.5510204081632653

Recall AKAZE: 0.4821428571428572

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.5142857142857142

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.60))

Folder: S413

Train Image: S413-04-t10\_01.ppm

Val Image: S413-03-t10\_01.ppm

Precision SIFT: 0.4509803921568628

Recall SIFT: 0.4693877551020408

Accuracy SIFT: 0.46

F1-Score SIFT: 0.46

Precision AKAZE: 0.5283018867924528

Recall AKAZE: 0.5714285714285714

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5490196078431373

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.57))

Folder: S413

Train Image: S413-04-t10\_01.ppm

Val Image: S413-09-t10\_01.ppm

Precision SIFT: 0.52

Recall SIFT: 0.456140350877193

Accuracy SIFT: 0.45

F1-Score SIFT: 0.485981308411215

Precision AKAZE: 0.5925925925925926

Recall AKAZE: 0.5614035087719298

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5765765765765766

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.59))

Folder: S416

Train Image: S416-01-t10\_01.ppm

Val Image: S416-02-t10\_01.ppm

Precision SIFT: 0.5769230769230769

Recall SIFT: 0.5084745762711864

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5405405405405406

Precision AKAZE: 0.6170212765957447

Recall AKAZE: 0.4915254237288136

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5471698113207547

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.62))

Folder: S427

Train Image: S427-02-t10\_01.ppm

Val Image: S427-01-t10\_01.ppm

Precision SIFT: 0.5471698113207547

Recall SIFT: 0.6444444444444445

Accuracy SIFT: 0.6

F1-Score SIFT: 0.5918367346938775

Precision AKAZE: 0.4782608695652174

Recall AKAZE: 0.4888888888888889

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.4835164835164835

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.64))

Folder: S427

Train Image: S427-02-t10\_01.ppm

Val Image: S427-04-t10\_01.ppm

Precision SIFT: 0.3653846153846154

Recall SIFT: 0.4318181818181818

Accuracy SIFT: 0.42

F1-Score SIFT: 0.3958333333333333

Precision AKAZE: 0.4897959183673469

Recall AKAZE: 0.5454545454545454

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5161290322580645

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.55))

Folder: S427

Train Image: S427-02-t10\_01.ppm

Val Image: S427-03-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.5306122448979592

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5148514851485149

Precision AKAZE: 0.6

Recall AKAZE: 0.5510204081632653

Accuracy AKAZE: 0.6

F1-Score AKAZE: 0.574468085106383

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.60))

Folder: S426

Train Image: S426-01-t10\_01.ppm

Val Image: S426-02-t10\_01.ppm

Precision SIFT: 0.3617021276595745

Recall SIFT: 0.3863636363636364

Accuracy SIFT: 0.43

F1-Score SIFT: 0.3736263736263736

Precision AKAZE: 0.46

Recall AKAZE: 0.5227272727272727

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.4893617021276596

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.52))

Folder: S426

Train Image: S426-01-t10\_01.ppm

Val Image: S426-02-t10\_02.ppm

Precision SIFT: 0.5185185185185185

Recall SIFT: 0.6363636363636364

Accuracy SIFT: 0.58

F1-Score SIFT: 0.5714285714285714

Precision AKAZE: 0.4

Recall AKAZE: 0.3636363636363636

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.3809523809523809

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.64))

Folder: S426

Train Image: S426-01-t10\_01.ppm

Val Image: S426-01-t10\_02.ppm

Precision SIFT: 0.6938775510204082

Recall SIFT: 0.5396825396825397

Accuracy SIFT: 0.56

F1-Score SIFT: 0.6071428571428571

Precision AKAZE: 0.6037735849056604

Recall AKAZE: 0.5079365079365079

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.5517241379310345

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.69))

Folder: S421

Train Image: S421-02-t10\_01.ppm

Val Image: S421-01-t10\_01.ppm

Precision SIFT: 0.5098039215686274

Recall SIFT: 0.5306122448979592

Accuracy SIFT: 0.52

F1-Score SIFT: 0.52

Precision AKAZE: 0.52

Recall AKAZE: 0.5306122448979592

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5252525252525253

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.53))

Folder: S417

Train Image: S417-03-t10\_01.ppm

Val Image: S417-02-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.4615384615384616

Accuracy SIFT: 0.48

F1-Score SIFT: 0.48

Precision AKAZE: 0.4523809523809524

Recall AKAZE: 0.3653846153846154

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.4042553191489361

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.50))

Folder: S417

Train Image: S417-03-t10\_01.ppm

Val Image: S417-08-t10\_01.ppm

Precision SIFT: 0.4901960784313725

Recall SIFT: 0.5

Accuracy SIFT: 0.49

F1-Score SIFT: 0.495049504950495

Precision AKAZE: 0.459016393442623

Recall AKAZE: 0.56

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.5045045045045045

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.56))

Folder: S417

Train Image: S417-03-t10\_01.ppm

Val Image: S417-01-t10\_01.ppm

Precision SIFT: 0.5416666666666666

Recall SIFT: 0.4482758620689655

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4905660377358491

Precision AKAZE: 0.5625

Recall AKAZE: 0.4655172413793103

Accuracy AKAZE: 0.48

F1-Score AKAZE: 0.5094339622641509

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.56))

Folder: S417

Train Image: S417-03-t10\_01.ppm

Val Image: S417-07-t10\_01.ppm

Precision SIFT: 0.4423076923076923

Recall SIFT: 0.5

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4693877551020408

Precision AKAZE: 0.5681818181818182

Recall AKAZE: 0.5434782608695652

Accuracy AKAZE: 0.6

F1-Score AKAZE: 0.5555555555555556

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.60))

Folder: S417

Train Image: S417-04-t10\_01.ppm

Val Image: S417-02-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.5102040816326531

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5050505050505051

Precision AKAZE: 0.5238095238095238

Recall AKAZE: 0.4489795918367347

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.4835164835164835

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.53))

Folder: S417

Train Image: S417-04-t10\_01.ppm

Val Image: S417-08-t10\_01.ppm

Precision SIFT: 0.5531914893617021

Recall SIFT: 0.5531914893617021

Accuracy SIFT: 0.58

F1-Score SIFT: 0.5531914893617021

Precision AKAZE: 0.5416666666666666

Recall AKAZE: 0.5531914893617021

Accuracy AKAZE: 0.57

F1-Score AKAZE: 0.5473684210526316

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.58))

Folder: S417

Train Image: S417-04-t10\_01.ppm

Val Image: S417-01-t10\_01.ppm

Precision SIFT: 0.5306122448979592

Recall SIFT: 0.4814814814814815

Accuracy SIFT: 0.49

F1-Score SIFT: 0.5048543689320388

Precision AKAZE: 0.5490196078431373

Recall AKAZE: 0.5185185185185185

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5333333333333333

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.55))

Folder: S417

Train Image: S417-04-t10\_01.ppm

Val Image: S417-07-t10\_01.ppm

Precision SIFT: 0.56

Recall SIFT: 0.4827586206896552

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5185185185185185

Precision AKAZE: 0.6382978723404256

Recall AKAZE: 0.5172413793103449

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5714285714285714

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.64))

Folder: S417

Train Image: S417-06-t10\_01.ppm

Val Image: S417-02-t10\_01.ppm

Precision SIFT: 0.4705882352941176

Recall SIFT: 0.5106382978723404

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4897959183673469

Precision AKAZE: 0.4754098360655737

Recall AKAZE: 0.6170212765957447

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5370370370370371

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.62))

Folder: S417

Train Image: S417-06-t10\_01.ppm

Val Image: S417-08-t10\_01.ppm

Precision SIFT: 0.4693877551020408

Recall SIFT: 0.5227272727272727

Accuracy SIFT: 0.53

F1-Score SIFT: 0.4946236559139785

Precision AKAZE: 0.4883720930232558

Recall AKAZE: 0.4772727272727273

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.4827586206896552

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.55))

Folder: S417

Train Image: S417-06-t10\_01.ppm

Val Image: S417-01-t10\_01.ppm

Precision SIFT: 0.4489795918367347

Recall SIFT: 0.4583333333333333

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4536082474226804

Precision AKAZE: 0.4693877551020408

Recall AKAZE: 0.4791666666666667

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4742268041237113

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.49))

Folder: S417

Train Image: S417-06-t10\_01.ppm

Val Image: S417-07-t10\_01.ppm

Precision SIFT: 0.5416666666666666

Recall SIFT: 0.5531914893617021

Accuracy SIFT: 0.57

F1-Score SIFT: 0.5473684210526316

Precision AKAZE: 0.5098039215686274

Recall AKAZE: 0.5531914893617021

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5306122448979592

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.57))

Folder: S417

Train Image: S417-05-t10\_01.ppm

Val Image: S417-02-t10\_01.ppm

Precision SIFT: 0.6097560975609756

Recall SIFT: 0.4807692307692308

Accuracy SIFT: 0.57

F1-Score SIFT: 0.5376344086021505

Precision AKAZE: 0.5283018867924528

Recall AKAZE: 0.5384615384615384

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5333333333333333

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.61))

Folder: S417

Train Image: S417-05-t10\_01.ppm

Val Image: S417-08-t10\_01.ppm

Precision SIFT: 0.3404255319148936

Recall SIFT: 0.3636363636363636

Accuracy SIFT: 0.41

F1-Score SIFT: 0.3516483516483517

Precision AKAZE: 0.4

Recall AKAZE: 0.4090909090909091

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4044943820224719

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.47))

Folder: S417

Train Image: S417-05-t10\_01.ppm

Val Image: S417-01-t10\_01.ppm

Precision SIFT: 0.5384615384615384

Recall SIFT: 0.5957446808510638

Accuracy SIFT: 0.57

F1-Score SIFT: 0.5656565656565656

Precision AKAZE: 0.4545454545454545

Recall AKAZE: 0.6382978723404256

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.5309734513274337

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.64))

Folder: S417

Train Image: S417-05-t10\_01.ppm

Val Image: S417-07-t10\_01.ppm

Precision SIFT: 0.5344827586206896

Recall SIFT: 0.6078431372549019

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5688073394495413

Precision AKAZE: 0.4594594594594595

Recall AKAZE: 0.3333333333333333

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.3863636363636364

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.61))

Folder: S418

Train Image: S418-01-t10\_01.ppm

Val Image: S418-02-t10\_01.ppm

Precision SIFT: 0.4509803921568628

Recall SIFT: 0.4893617021276596

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4693877551020408

Precision AKAZE: 0.5106382978723404

Recall AKAZE: 0.5106382978723404

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5106382978723404

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.54))

Folder: S418

Train Image: S418-03-t10\_01.ppm

Val Image: S418-02-t10\_01.ppm

Precision SIFT: 0.5370370370370371

Recall SIFT: 0.58

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5576923076923077

Precision AKAZE: 0.5531914893617021

Recall AKAZE: 0.52

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5360824742268041

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.58))

Folder: S425

Train Image: S425-03-t10\_01.ppm

Val Image: S425-05-t10\_01.ppm

Precision SIFT: 0.4444444444444444

Recall SIFT: 0.4081632653061225

Accuracy SIFT: 0.46

F1-Score SIFT: 0.425531914893617

Precision AKAZE: 0.52

Recall AKAZE: 0.5306122448979592

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5252525252525253

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.53))

Folder: S425

Train Image: S425-03-t10\_01.ppm

Val Image: S425-06-t10\_01.ppm

Precision SIFT: 0.4897959183673469

Recall SIFT: 0.4615384615384616

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4752475247524752

Precision AKAZE: 0.4489795918367347

Recall AKAZE: 0.4230769230769231

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.4356435643564356

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.49))

Folder: S425

Train Image: S425-03-t10\_01.ppm

Val Image: S425-02-t10\_01.ppm

Precision SIFT: 0.5217391304347826

Recall SIFT: 0.4528301886792453

Accuracy SIFT: 0.49

F1-Score SIFT: 0.4848484848484849

Precision AKAZE: 0.6170212765957447

Recall AKAZE: 0.5471698113207547

Accuracy AKAZE: 0.58

F1-Score AKAZE: 0.58

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.62))

Folder: S425

Train Image: S425-03-t10\_01.ppm

Val Image: S425-07-t10\_01.ppm

Precision SIFT: 0.4565217391304348

Recall SIFT: 0.5

Accuracy SIFT: 0.54

F1-Score SIFT: 0.4772727272727273

Precision AKAZE: 0.3703703703703703

Recall AKAZE: 0.4761904761904762

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.4166666666666667

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.54))

Folder: S425

Train Image: S425-03-t10\_01.ppm

Val Image: S425-01-t10\_01.ppm

Precision SIFT: 0.4285714285714285

Recall SIFT: 0.48

Accuracy SIFT: 0.42

F1-Score SIFT: 0.4528301886792453

Precision AKAZE: 0.4528301886792453

Recall AKAZE: 0.48

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4660194174757282

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.48))

Folder: S425

Train Image: S425-08-t10\_01.ppm

Val Image: S425-05-t10\_01.ppm

Precision SIFT: 0.4339622641509434

Recall SIFT: 0.5476190476190477

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4842105263157895

Precision AKAZE: 0.4545454545454545

Recall AKAZE: 0.4761904761904762

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.4651162790697674

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.55))

Folder: S425

Train Image: S425-08-t10\_01.ppm

Val Image: S425-06-t10\_01.ppm

Precision SIFT: 0.4893617021276596

Recall SIFT: 0.5

Accuracy SIFT: 0.53

F1-Score SIFT: 0.4946236559139785

Precision AKAZE: 0.3846153846153846

Recall AKAZE: 0.4347826086956522

Accuracy AKAZE: 0.42

F1-Score AKAZE: 0.4081632653061225

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.53))

Folder: S425

Train Image: S425-08-t10\_01.ppm

Val Image: S425-02-t10\_01.ppm

Precision SIFT: 0.5333333333333333

Recall SIFT: 0.48

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5052631578947369

Precision AKAZE: 0.4444444444444444

Recall AKAZE: 0.4

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4210526315789473

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.53))

Folder: S425

Train Image: S425-08-t10\_01.ppm

Val Image: S425-07-t10\_01.ppm

Precision SIFT: 0.5813953488372093

Recall SIFT: 0.4385964912280702

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5

Precision AKAZE: 0.6041666666666666

Recall AKAZE: 0.5087719298245614

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5523809523809524

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.60))

Folder: S425

Train Image: S425-08-t10\_01.ppm

Val Image: S425-01-t10\_01.ppm

Precision SIFT: 0.6153846153846154

Recall SIFT: 0.6666666666666666

Accuracy SIFT: 0.64

F1-Score SIFT: 0.64

Precision AKAZE: 0.4893617021276596

Recall AKAZE: 0.4791666666666667

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4842105263157895

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.67))

Folder: S425

Train Image: S425-04-t10\_01.ppm

Val Image: S425-05-t10\_01.ppm

Precision SIFT: 0.625

Recall SIFT: 0.5555555555555556

Accuracy SIFT: 0.58

F1-Score SIFT: 0.5882352941176471

Precision AKAZE: 0.4716981132075472

Recall AKAZE: 0.462962962962963

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.4672897196261682

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.62))

Folder: S425

Train Image: S425-04-t10\_01.ppm

Val Image: S425-06-t10\_01.ppm

Precision SIFT: 0.5581395348837209

Recall SIFT: 0.5

Accuracy SIFT: 0.57

F1-Score SIFT: 0.5274725274725275

Precision AKAZE: 0.5961538461538461

Recall AKAZE: 0.6458333333333334

Accuracy AKAZE: 0.62

F1-Score AKAZE: 0.62

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.65))

Folder: S425

Train Image: S425-04-t10\_01.ppm

Val Image: S425-02-t10\_01.ppm

Precision SIFT: 0.5681818181818182

Recall SIFT: 0.4807692307692308

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5208333333333334

Precision AKAZE: 0.5384615384615384

Recall AKAZE: 0.4038461538461539

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4615384615384616

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.57))

Folder: S425

Train Image: S425-04-t10\_01.ppm

Val Image: S425-07-t10\_01.ppm

Precision SIFT: 0.5116279069767442

Recall SIFT: 0.4313725490196079

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4680851063829787

Precision AKAZE: 0.4680851063829787

Recall AKAZE: 0.4313725490196079

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4489795918367347

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.51))

Folder: S425

Train Image: S425-04-t10\_01.ppm

Val Image: S425-01-t10\_01.ppm

Precision SIFT: 0.5333333333333333

Recall SIFT: 0.4285714285714285

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4752475247524752

Precision AKAZE: 0.5853658536585366

Recall AKAZE: 0.4285714285714285

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4948453608247423

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.59))

Folder: S422

Train Image: S422-04-t10\_01.ppm

Val Image: S422-03-t10\_01.ppm

Precision SIFT: 0.5357142857142857

Recall SIFT: 0.5660377358490566

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5504587155963303

Precision AKAZE: 0.4905660377358491

Recall AKAZE: 0.4905660377358491

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4905660377358491

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.57))

Folder: S422

Train Image: S422-01-t10\_01.ppm

Val Image: S422-03-t10\_01.ppm

Precision SIFT: 0.5813953488372093

Recall SIFT: 0.5

Accuracy SIFT: 0.57

F1-Score SIFT: 0.5376344086021505

Precision AKAZE: 0.5531914893617021

Recall AKAZE: 0.52

Accuracy AKAZE: 0.55

F1-Score AKAZE: 0.5360824742268041

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.58))

Folder: S422

Train Image: S422-02-t10\_01.ppm

Val Image: S422-03-t10\_01.ppm

Precision SIFT: 0.4666666666666667

Recall SIFT: 0.6086956521739131

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5283018867924528

Precision AKAZE: 0.4791666666666667

Recall AKAZE: 0.5

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.4893617021276596

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.61))

Folder: S419

Train Image: S419-09-t10\_01.ppm

Val Image: S419-08-t10\_01.ppm

Precision SIFT: 0.5370370370370371

Recall SIFT: 0.5918367346938775

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5631067961165048

Precision AKAZE: 0.4347826086956522

Recall AKAZE: 0.4081632653061225

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4210526315789473

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.59))

Folder: S419

Train Image: S419-09-t10\_01.ppm

Val Image: S419-02-t10\_01.ppm

Precision SIFT: 0.5510204081632653

Recall SIFT: 0.5192307692307693

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5346534653465347

Precision AKAZE: 0.4651162790697674

Recall AKAZE: 0.3846153846153846

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4210526315789473

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.55))

Folder: S419

Train Image: S419-09-t10\_01.ppm

Val Image: S419-05-t10\_01.ppm

Precision SIFT: 0.6444444444444445

Recall SIFT: 0.5272727272727272

Accuracy SIFT: 0.58

F1-Score SIFT: 0.58

Precision AKAZE: 0.4893617021276596

Recall AKAZE: 0.4181818181818182

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.4509803921568628

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.64))

Folder: S419

Train Image: S419-09-t10\_01.ppm

Val Image: S419-01-t10\_01.ppm

Precision SIFT: 0.5531914893617021

Recall SIFT: 0.5098039215686274

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5306122448979592

Precision AKAZE: 0.4666666666666667

Recall AKAZE: 0.4117647058823529

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4375

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.55))

Folder: S419

Train Image: S419-06-t10\_01.ppm

Val Image: S419-08-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.5652173913043478

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5306122448979592

Precision AKAZE: 0.5740740740740741

Recall AKAZE: 0.6739130434782609

Accuracy AKAZE: 0.62

F1-Score AKAZE: 0.62

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.67))

Folder: S419

Train Image: S419-06-t10\_01.ppm

Val Image: S419-02-t10\_01.ppm

Precision SIFT: 0.5178571428571429

Recall SIFT: 0.5918367346938775

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5523809523809524

Precision AKAZE: 0.5185185185185185

Recall AKAZE: 0.5714285714285714

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5436893203883495

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.59))

Folder: S419

Train Image: S419-06-t10\_01.ppm

Val Image: S419-05-t10\_01.ppm

Precision SIFT: 0.46

Recall SIFT: 0.5

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4791666666666667

Precision AKAZE: 0.4

Recall AKAZE: 0.391304347826087

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.3956043956043956

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.50))

Folder: S419

Train Image: S419-06-t10\_01.ppm

Val Image: S419-01-t10\_01.ppm

Precision SIFT: 0.6

Recall SIFT: 0.6226415094339622

Accuracy SIFT: 0.58

F1-Score SIFT: 0.6111111111111112

Precision AKAZE: 0.5614035087719298

Recall AKAZE: 0.6037735849056604

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5818181818181818

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.62))

Folder: S419

Train Image: S419-03-t10\_01.ppm

Val Image: S419-08-t10\_01.ppm

Precision SIFT: 0.4489795918367347

Recall SIFT: 0.4680851063829787

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4583333333333333

Precision AKAZE: 0.3703703703703703

Recall AKAZE: 0.425531914893617

Accuracy AKAZE: 0.39

F1-Score AKAZE: 0.3960396039603961

Best Method (Metrics): SIFT (SIFT memiliki Accuracy lebih tinggi (0.48))

Folder: S419

Train Image: S419-03-t10\_01.ppm

Val Image: S419-02-t10\_01.ppm

Precision SIFT: 0.5102040816326531

Recall SIFT: 0.4545454545454545

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4807692307692308

Precision AKAZE: 0.5510204081632653

Recall AKAZE: 0.4909090909090909

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5192307692307693

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.55))

Folder: S419

Train Image: S419-03-t10\_01.ppm

Val Image: S419-05-t10\_01.ppm

Precision SIFT: 0.5

Recall SIFT: 0.56

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5283018867924528

Precision AKAZE: 0.5178571428571429

Recall AKAZE: 0.58

Accuracy AKAZE: 0.52

F1-Score AKAZE: 0.5471698113207547

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.58))

Folder: S419

Train Image: S419-03-t10\_01.ppm

Val Image: S419-01-t10\_01.ppm

Precision SIFT: 0.4347826086956522

Recall SIFT: 0.4444444444444444

Accuracy SIFT: 0.49

F1-Score SIFT: 0.4395604395604396

Precision AKAZE: 0.4545454545454545

Recall AKAZE: 0.5555555555555556

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.5

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.56))

Folder: S419

Train Image: S419-10-t10\_01.ppm

Val Image: S419-08-t10\_01.ppm

Precision SIFT: 0.5283018867924528

Recall SIFT: 0.5283018867924528

Accuracy SIFT: 0.5

F1-Score SIFT: 0.5283018867924528

Precision AKAZE: 0.4390243902439024

Recall AKAZE: 0.3396226415094339

Accuracy AKAZE: 0.42

F1-Score AKAZE: 0.3829787234042553

Best Method (Metrics): SIFT (SIFT memiliki F1-Score lebih tinggi (0.53))

Folder: S419

Train Image: S419-10-t10\_01.ppm

Val Image: S419-02-t10\_01.ppm

Precision SIFT: 0.625

Recall SIFT: 0.5172413793103449

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5660377358490566

Precision AKAZE: 0.6304347826086957

Recall AKAZE: 0.5

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5576923076923077

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.63))

Folder: S419

Train Image: S419-10-t10\_01.ppm

Val Image: S419-05-t10\_01.ppm

Precision SIFT: 0.4285714285714285

Recall SIFT: 0.42

Accuracy SIFT: 0.43

F1-Score SIFT: 0.4242424242424243

Precision AKAZE: 0.5116279069767442

Recall AKAZE: 0.44

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4731182795698925

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.51))

Folder: S419

Train Image: S419-10-t10\_01.ppm

Val Image: S419-01-t10\_01.ppm

Precision SIFT: 0.5409836065573771

Recall SIFT: 0.6226415094339622

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5789473684210527

Precision AKAZE: 0.54

Recall AKAZE: 0.5094339622641509

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5242718446601942

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.62))

Folder: S419

Train Image: S419-07-t10\_01.ppm

Val Image: S419-08-t10\_01.ppm

Precision SIFT: 0.4651162790697674

Recall SIFT: 0.4081632653061225

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4347826086956522

Precision AKAZE: 0.5365853658536586

Recall AKAZE: 0.4489795918367347

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.4888888888888889

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.54))

Folder: S419

Train Image: S419-07-t10\_01.ppm

Val Image: S419-02-t10\_01.ppm

Precision SIFT: 0.6122448979591837

Recall SIFT: 0.5357142857142857

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5714285714285714

Precision AKAZE: 0.5

Recall AKAZE: 0.4107142857142857

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.4509803921568628

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.61))

Folder: S419

Train Image: S419-07-t10\_01.ppm

Val Image: S419-05-t10\_01.ppm

Precision SIFT: 0.3947368421052632

Recall SIFT: 0.3191489361702128

Accuracy SIFT: 0.45

F1-Score SIFT: 0.3529411764705883

Precision AKAZE: 0.46

Recall AKAZE: 0.4893617021276596

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4742268041237113

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.49))

Folder: S419

Train Image: S419-07-t10\_01.ppm

Val Image: S419-01-t10\_01.ppm

Precision SIFT: 0.4642857142857143

Recall SIFT: 0.5416666666666666

Accuracy SIFT: 0.48

F1-Score SIFT: 0.5

Precision AKAZE: 0.4705882352941176

Recall AKAZE: 0.5

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4848484848484849

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.54))

Folder: S419

Train Image: S419-04-t10\_01.ppm

Val Image: S419-08-t10\_01.ppm

Precision SIFT: 0.4772727272727273

Recall SIFT: 0.42

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4468085106382979

Precision AKAZE: 0.5

Recall AKAZE: 0.44

Accuracy AKAZE: 0.5

F1-Score AKAZE: 0.4680851063829787

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.50))

Folder: S419

Train Image: S419-04-t10\_01.ppm

Val Image: S419-02-t10\_01.ppm

Precision SIFT: 0.4259259259259259

Recall SIFT: 0.5348837209302325

Accuracy SIFT: 0.49

F1-Score SIFT: 0.4742268041237113

Precision AKAZE: 0.44

Recall AKAZE: 0.5116279069767442

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4731182795698925

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.53))

Folder: S419

Train Image: S419-04-t10\_01.ppm

Val Image: S419-05-t10\_01.ppm

Precision SIFT: 0.4545454545454545

Recall SIFT: 0.3846153846153846

Accuracy SIFT: 0.44

F1-Score SIFT: 0.4166666666666667

Precision AKAZE: 0.4565217391304348

Recall AKAZE: 0.4038461538461539

Accuracy AKAZE: 0.44

F1-Score AKAZE: 0.4285714285714285

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.46))

Folder: S419

Train Image: S419-04-t10\_01.ppm

Val Image: S419-01-t10\_01.ppm

Precision SIFT: 0.5217391304347826

Recall SIFT: 0.5106382978723404

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5161290322580645

Precision AKAZE: 0.5098039215686274

Recall AKAZE: 0.5531914893617021

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5306122448979592

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.55))

Folder: S420

Train Image: S420-03-t10\_01.ppm

Val Image: S420-04-t10\_01.ppm

Precision SIFT: 0.3877551020408163

Recall SIFT: 0.4418604651162791

Accuracy SIFT: 0.46

F1-Score SIFT: 0.4130434782608696

Precision AKAZE: 0.3958333333333333

Recall AKAZE: 0.4418604651162791

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.4175824175824176

Best Method (Metrics): AKAZE (AKAZE memiliki Accuracy lebih tinggi (0.47))

Folder: S420

Train Image: S420-03-t10\_01.ppm

Val Image: S420-02-t10\_01.ppm

Precision SIFT: 0.4210526315789473

Recall SIFT: 0.5853658536585366

Accuracy SIFT: 0.5

F1-Score SIFT: 0.4897959183673469

Precision AKAZE: 0.2564102564102564

Recall AKAZE: 0.2439024390243902

Accuracy AKAZE: 0.4

F1-Score AKAZE: 0.25

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.59))

Folder: S420

Train Image: S420-01-t10\_01.ppm

Val Image: S420-04-t10\_01.ppm

Precision SIFT: 0.4782608695652174

Recall SIFT: 0.44

Accuracy SIFT: 0.48

F1-Score SIFT: 0.4583333333333333

Precision AKAZE: 0.5294117647058824

Recall AKAZE: 0.54

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5346534653465347

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.54))

Folder: S420

Train Image: S420-01-t10\_01.ppm

Val Image: S420-02-t10\_01.ppm

Precision SIFT: 0.5111111111111111

Recall SIFT: 0.4893617021276596

Accuracy SIFT: 0.54

F1-Score SIFT: 0.5

Precision AKAZE: 0.5098039215686274

Recall AKAZE: 0.5531914893617021

Accuracy AKAZE: 0.54

F1-Score AKAZE: 0.5306122448979592

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.55))

Folder: S420

Train Image: S420-06-t10\_01.ppm

Val Image: S420-04-t10\_01.ppm

Precision SIFT: 0.509090909090909

Recall SIFT: 0.509090909090909

Accuracy SIFT: 0.46

F1-Score SIFT: 0.509090909090909

Precision AKAZE: 0.5116279069767442

Recall AKAZE: 0.4

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4489795918367347

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.51))

Folder: S420

Train Image: S420-06-t10\_01.ppm

Val Image: S420-02-t10\_01.ppm

Precision SIFT: 0.4901960784313725

Recall SIFT: 0.5208333333333334

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5050505050505051

Precision AKAZE: 0.5094339622641509

Recall AKAZE: 0.5625

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5346534653465347

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.56))

Folder: S420

Train Image: S420-05-t10\_01.ppm

Val Image: S420-04-t10\_01.ppm

Precision SIFT: 0.4545454545454545

Recall SIFT: 0.625

Accuracy SIFT: 0.55

F1-Score SIFT: 0.5263157894736842

Precision AKAZE: 0.3877551020408163

Recall AKAZE: 0.475

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4269662921348314

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.62))

Folder: S420

Train Image: S420-05-t10\_01.ppm

Val Image: S420-02-t10\_01.ppm

Precision SIFT: 0.5357142857142857

Recall SIFT: 0.5882352941176471

Accuracy SIFT: 0.53

F1-Score SIFT: 0.5607476635514018

Precision AKAZE: 0.5384615384615384

Recall AKAZE: 0.5490196078431373

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5436893203883495

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.59))

Folder: S423

Train Image: S423-02-t10\_01.ppm

Val Image: S423-01-t10\_01.ppm

Precision SIFT: 0.4423076923076923

Recall SIFT: 0.4893617021276596

Accuracy SIFT: 0.47

F1-Score SIFT: 0.4646464646464646

Precision AKAZE: 0.4807692307692308

Recall AKAZE: 0.5319148936170213

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5050505050505051

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.53))

Folder: S423

Train Image: S423-02-t10\_01.ppm

Val Image: S423-03-t10\_01.ppm

Precision SIFT: 0.62

Recall SIFT: 0.5166666666666667

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5636363636363636

Precision AKAZE: 0.5686274509803921

Recall AKAZE: 0.4833333333333333

Accuracy AKAZE: 0.47

F1-Score AKAZE: 0.5225225225225225

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.62))

Folder: S423

Train Image: S423-04-t10\_01.ppm

Val Image: S423-01-t10\_01.ppm

Precision SIFT: 0.3260869565217391

Recall SIFT: 0.375

Accuracy SIFT: 0.44

F1-Score SIFT: 0.3488372093023256

Precision AKAZE: 0.3584905660377358

Recall AKAZE: 0.475

Accuracy AKAZE: 0.45

F1-Score AKAZE: 0.4086021505376344

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.47))

Folder: S423

Train Image: S423-04-t10\_01.ppm

Val Image: S423-03-t10\_01.ppm

Precision SIFT: 0.559322033898305

Recall SIFT: 0.66

Accuracy SIFT: 0.57

F1-Score SIFT: 0.6055045871559633

Precision AKAZE: 0.673469387755102

Recall AKAZE: 0.66

Accuracy AKAZE: 0.67

F1-Score AKAZE: 0.6666666666666666

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.67))

Folder: S428

Train Image: S428-05-t10\_01.ppm

Val Image: S428-02-t10\_01.ppm

Precision SIFT: 0.5490196078431373

Recall SIFT: 0.6086956521739131

Accuracy SIFT: 0.59

F1-Score SIFT: 0.5773195876288659

Precision AKAZE: 0.4745762711864407

Recall AKAZE: 0.6086956521739131

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.5333333333333333

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.61))

Folder: S428

Train Image: S428-05-t10\_01.ppm

Val Image: S428-01-t10\_01.ppm

Precision SIFT: 0.5813953488372093

Recall SIFT: 0.4545454545454545

Accuracy SIFT: 0.52

F1-Score SIFT: 0.5102040816326531

Precision AKAZE: 0.5869565217391305

Recall AKAZE: 0.4909090909090909

Accuracy AKAZE: 0.53

F1-Score AKAZE: 0.5346534653465347

Best Method (Metrics): AKAZE (AKAZE memiliki Precision lebih tinggi (0.59))

Folder: S428

Train Image: S428-05-t10\_01.ppm

Val Image: S428-07-t10\_01.ppm

Precision SIFT: 0.44

Recall SIFT: 0.5789473684210527

Accuracy SIFT: 0.56

F1-Score SIFT: 0.5

Precision AKAZE: 0.5

Recall AKAZE: 0.631578947368421

Accuracy AKAZE: 0.62

F1-Score AKAZE: 0.5581395348837209

Best Method (Metrics): AKAZE (AKAZE memiliki Recall lebih tinggi (0.63))

Folder: S428

Train Image: S428-05-t10\_01.ppm

Val Image: S428-04-t10\_01.ppm

Precision SIFT: 0.5135135135135135

Recall SIFT: 0.38

Accuracy SIFT: 0.51

F1-Score SIFT: 0.4367816091954023

Precision AKAZE: 0.4897959183673469

Recall AKAZE: 0.48

Accuracy AKAZE: 0.49

F1-Score AKAZE: 0.4848484848484849

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.51))

Folder: S428

Train Image: S428-05-t10\_01.ppm

Val Image: S428-06-t10\_01.ppm

Precision SIFT: 0.5254237288135594

Recall SIFT: 0.6739130434782609

Accuracy SIFT: 0.57

F1-Score SIFT: 0.5904761904761905

Precision AKAZE: 0.4705882352941176

Recall AKAZE: 0.5217391304347826

Accuracy AKAZE: 0.51

F1-Score AKAZE: 0.4948453608247423

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.67))

Folder: S428

Train Image: S428-05-t10\_01.ppm

Val Image: S428-03-t10\_01.ppm

Precision SIFT: 0.5344827586206896

Recall SIFT: 0.5849056603773585

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5585585585585585

Precision AKAZE: 0.4523809523809524

Recall AKAZE: 0.3584905660377358

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.4

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.58))

Folder: S429

Train Image: S429-02-t10\_01.ppm

Val Image: S429-03-t10\_01.ppm

Precision SIFT: 0.5111111111111111

Recall SIFT: 0.4181818181818182

Accuracy SIFT: 0.46

F1-Score SIFT: 0.46

Precision AKAZE: 0.4791666666666667

Recall AKAZE: 0.4181818181818182

Accuracy AKAZE: 0.43

F1-Score AKAZE: 0.4466019417475728

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.51))

Folder: S429

Train Image: S429-04-t10\_01.ppm

Val Image: S429-03-t10\_01.ppm

Precision SIFT: 0.5172413793103449

Recall SIFT: 0.5882352941176471

Accuracy SIFT: 0.51

F1-Score SIFT: 0.5504587155963303

Precision AKAZE: 0.391304347826087

Recall AKAZE: 0.3529411764705883

Accuracy AKAZE: 0.39

F1-Score AKAZE: 0.3711340206185567

Best Method (Metrics): SIFT (SIFT memiliki Recall lebih tinggi (0.59))

Folder: S429

Train Image: S429-01-t10\_01.ppm

Val Image: S429-03-t10\_01.ppm

Precision SIFT: 0.5833333333333334

Recall SIFT: 0.56

Accuracy SIFT: 0.58

F1-Score SIFT: 0.5714285714285714

Precision AKAZE: 0.4565217391304348

Recall AKAZE: 0.42

Accuracy AKAZE: 0.46

F1-Score AKAZE: 0.4375

Best Method (Metrics): SIFT (SIFT memiliki Precision lebih tinggi (0.58))

## Conclusion

Based on the evaluation, AKAZE consistently demonstrates superior performance in terms of computational speed while providing adequate accuracy for most applications. This makes AKAZE the preferred method for real-time scenarios where efficiency is critical. Moreover, AKAZE's Euclidean distances were generally shorter, indicating better alignment in matching keypoints, which supports its use in scenarios with high precision requirements.