

Sequence: pen12

Groundtruth fundamental matrix
pixel reprojection error

Image	min	mean	max	std
pen1	0.0	0.9	5.5	1.0
pen2	0.0	1.0	5.6	1.0

Input matches: 914



pen1



pen2

Rank	Algorithm				ς_1 (%)				ς_2 (%)				Inliers(%)				Iterations(max 5000)				Avg. time(s)
	method	error	th(px)		min	mean	max	std	min	mean	max	std	min	mean	max	std	min	mean	max	std	
1.	NOMLESAC	GEOM. EPIPOLAR	1.27		4.47	13.10	21.90	3.22	4.30	13.27	25.39	4.68	28.56	33.38	36.21	1.91	5000	5000	5000	0	17.27
2.	NOMLESAC	GEOM. EPIPOLAR	1.41		4.50	13.16	23.27	3.71	4.28	13.36	25.60	4.92	32.60	35.51	37.86	1.48	4132	4898	5000	239	16.95
3.	MLESAC	GEOM. EPIPOLAR	4.95		4.60	13.37	23.39	3.73	3.87	13.63	25.08	4.96	30.53	34.65	36.87	1.62	4969	4998	5000	8	16.88
4.	NOMLESAC	GEOM. EPIPOLAR	0.99		4.82	13.27	24.92	3.84	3.93	13.69	25.08	4.89	24.18	28.82	32.93	2.51	5000	5000	5000	0	17.33
5.	NOMLESAC	GEOM. EPIPOLAR	1.13		4.93	13.64	24.91	3.99	4.26	13.73	24.90	4.86	27.02	31.48	34.57	2.11	5000	5000	5000	0	17.31
6.	NOMLESAC	SYM. EPIPOLAR	1.00		4.79	13.52	24.40	4.07	4.25	14.18	31.33	6.27	30.74	32.93	35.56	1.44	5000	5000	5000	0	17.40
7.	NOMLESAC	SYM. EPIPOLAR	0.90		5.08	13.25	24.65	3.78	4.34	14.20	31.31	6.69	27.02	31.11	34.03	1.83	5000	5000	5000	0	17.36
8.	NOMLESAC	GEOM. EPIPOLAR	0.85		5.26	13.15	25.26	4.30	4.20	14.21	31.70	6.45	20.57	26.00	30.96	2.71	5000	5000	5000	0	17.35
9.	MLESAC	GEOM. EPIPOLAR	3.54		4.75	13.30	24.13	4.07	3.87	14.27	32.15	6.49	20.46	27.61	32.28	2.93	5000	5000	5000	0	16.86
10.	MLESAC	GEOM. EPIPOLAR	4.24		4.69	13.61	24.30	4.19	3.90	14.27	29.82	5.80	27.57	31.70	35.01	2.03	5000	5000	5000	0	16.88
11.	MLESAC	GEOM. EPIPOLAR	5.66		10.15	14.15	23.95	3.60	9.29	14.48	24.99	4.72	33.04	36.97	39.17	1.63	3254	4396	5000	609	14.85
12.	MLESAC	GEOM. EPIPOLAR	6.36		8.09	14.49	24.31	4.11	7.66	14.18	24.01	4.52	36.21	39.45	41.25	1.26	2265	3264	5000	673	11.11
13.	MLESAC	SYM. EPIPOLAR	4.00		4.66	13.53	23.99	4.07	3.92	14.51	31.29	6.51	31.29	34.20	36.32	1.45	5000	5000	5000	0	16.97
14.	MLESAC	SAMPSON	4.00		4.32	13.55	23.57	4.08	4.32	14.56	30.24	6.24	35.45	37.89	39.39	1.01	3191	4149	5000	591	14.02
15.	MLESAC	SYM. EPIPOLAR	4.50		4.45	13.64	23.50	4.07	4.07	14.57	31.43	6.37	33.04	36.51	38.40	1.20	3737	4737	5000	384	16.11
16.	NORANSAC	SYM. EPIPOLAR	1.00		4.79	13.79	24.40	3.99	4.25	14.68	31.33	6.30	30.74	33.10	35.56	1.43	5000	5000	5000	0	17.08
17.	NORANSAC	GEOM. EPIPOLAR	1.41		4.78	13.77	24.45	3.96	4.26	14.68	31.21	6.27	30.09	32.81	35.34	1.54	5000	5000	5000	0	17.09

Rank	Algorithm			ς_1 (%)				ς_2 (%)				Inliers(%)				Iterations(max 5000)				Avg.
	method	error	th(px)	min	mean	max	std	min	mean	max	std	min	mean	max	std	min	mean	max	std	time(s)
18.	MLESAC	SAMPSON	3.50	4.76	13.69	23.89	3.96	4.09	14.71	31.63	6.43	32.28	35.31	37.09	1.20	4768	4987	5000	48	16.91
19.	NOMLESAC	MAX EPIPOLAR	1.00	4.98	13.65	24.28	3.97	4.30	14.89	30.43	6.83	26.81	31.27	34.03	1.79	5000	5000	5000	0	17.41
20.	NOMLESAC	GEOM. EPIPOLAR	0.71	5.23	13.52	24.51	4.10	4.12	15.06	32.29	7.29	15.10	22.53	27.02	2.56	5000	5000	5000	0	17.36
21.	MLESAC	SAMPSON	3.00	4.60	13.59	24.14	4.02	3.90	15.08	31.62	7.11	28.23	32.18	35.45	1.96	5000	5000	5000	0	16.94
22.	NOMLESAC	SYM. EPIPOLAR	0.80	4.99	13.66	24.38	3.93	4.07	15.08	30.97	6.90	24.07	29.00	32.60	2.07	5000	5000	5000	0	17.37
23.	NORANSAC	SYM. EPIPOLAR	0.90	4.82	14.10	31.96	4.76	4.27	15.31	36.66	7.28	29.21	32.25	34.90	1.60	5000	5000	5000	0	17.08
24.	MLESAC	SYM. EPIPOLAR	3.50	4.76	14.26	29.32	4.81	3.96	15.68	31.54	7.15	27.57	31.56	34.79	1.98	5000	5000	5000	0	16.95
25.	MLESAC	MAX EPIPOLAR	4.50	9.71	14.29	23.28	3.69	9.27	15.84	31.30	6.79	31.40	35.15	37.42	1.63	4482	4961	5000	110	16.85
26.	NOMLESAC	MAX EPIPOLAR	0.80	7.32	14.33	30.42	4.81	8.82	15.89	31.74	7.02	21.66	27.37	31.51	2.11	5000	5000	5000	0	17.36
27.	NORANSAC	MAX EPIPOLAR	0.70	7.64	14.79	30.25	4.96	9.00	15.96	31.08	6.92	24.51	28.33	31.84	1.82	5000	5000	5000	0	17.18
28.	MLESAC	SAMPSON	2.50	4.73	14.39	29.52	4.89	3.85	15.98	32.11	7.29	23.52	28.75	32.60	2.32	5000	5000	5000	0	16.93
29.	NOMSAC	GEOM. EPIPOLAR	1.13	6.01	14.77	30.40	5.01	5.07	15.99	30.59	6.83	26.48	30.60	33.81	1.85	5000	5000	5000	0	17.07
30.	NORANSAC	MAX EPIPOLAR	1.00	4.98	14.71	29.98	4.72	4.30	15.99	30.43	6.83	28.45	31.46	34.03	1.62	5000	5000	5000	0	17.06
31.	NOMSAC	GEOM. EPIPOLAR	0.99	5.94	14.30	24.43	4.11	5.50	16.00	30.88	6.88	25.05	29.46	33.15	1.97	5000	5000	5000	0	17.09
32.	MLESAC	MAX EPIPOLAR	4.00	9.40	14.60	29.29	4.49	9.18	16.01	31.03	6.97	29.76	32.95	35.56	1.74	5000	5000	5000	0	16.93
33.	NORANSAC	MAX EPIPOLAR	0.60	6.57	14.69	30.46	5.20	6.31	16.03	31.88	7.12	22.32	26.90	30.96	2.00	5000	5000	5000	0	17.06
34.	NORANSAC	MAX EPIPOLAR	0.90	10.18	15.04	30.19	4.73	9.16	16.11	30.69	6.66	27.02	30.47	33.70	1.75	5000	5000	5000	0	17.03
35.	NOMSAC	MAX EPIPOLAR	1.00	8.44	14.97	29.98	4.66	9.35	16.13	30.43	6.59	27.24	31.23	34.03	1.82	5000	5000	5000	0	17.16
36.	NOMLESAC	GEOM. EPIPOLAR	0.57	5.59	14.59	29.95	4.94	4.44	16.13	32.33	7.20	10.94	18.36	23.41	2.32	5000	5000	5000	0	17.32
37.	NORANSAC	SYM. EPIPOLAR	0.80	10.14	14.78	30.47	4.39	9.31	16.13	31.38	6.47	28.23	31.24	34.03	1.69	5000	5000	5000	0	17.10
38.	NOMSAC	SYM. EPIPOLAR	0.90	6.83	14.36	24.39	3.96	6.34	16.18	31.28	6.75	27.46	31.82	34.90	1.87	5000	5000	5000	0	17.07
39.	NORANSAC	GEOM. EPIPOLAR	0.99	7.56	14.90	30.03	4.82	8.84	16.21	30.88	6.80	25.71	29.71	33.15	1.92	5000	5000	5000	0	17.06
40.	NOMSAC	SYM. EPIPOLAR	1.00	7.86	14.51	24.30	3.78	8.71	16.26	31.33	6.71	28.01	32.70	35.56	1.79	5000	5000	5000	0	17.06
41.	NOMSAC	GEOM. EPIPOLAR	1.27	8.67	15.00	30.11	4.65	9.37	16.29	31.15	6.61	27.35	31.70	34.57	1.94	5000	5000	5000	0	17.06
42.	NOMSAC	MAX EPIPOLAR	0.90	7.81	14.96	30.19	4.76	8.83	16.30	30.69	6.57	26.59	30.19	33.70	1.84	5000	5000	5000	0	17.29
43.	NORANSAC	SYM. EPIPOLAR	0.60	7.25	15.00	30.38	4.92	8.76	16.31	31.01	6.72	23.85	28.62	32.28	1.95	5000	5000	5000	0	17.22
44.	NORANSAC	SYM. EPIPOLAR	0.40	6.56	14.84	30.31	5.06	6.30	16.34	31.85	7.08	20.46	24.85	28.99	2.06	5000	5000	5000	0	17.36
45.	MLESAC	GEOM. EPIPOLAR	2.83	5.46	14.76	30.15	4.67	4.49	16.35	32.62	7.09	16.96	23.06	27.57	2.69	5000	5000	5000	0	16.84
46.	NOMLESAC	MAX EPIPOLAR	0.70	7.99	14.95	29.55	4.96	8.73	16.35	31.99	7.00	21.12	25.00	29.43	2.04	5000	5000	5000	0	17.41
47.	NORANSAC	GEOM. EPIPOLAR	0.85	7.28	14.97	30.39	5.00	8.81	16.40	31.09	6.80	23.74	28.31	31.95	1.91	5000	5000	5000	0	17.07
48.	NOMLESAC	MAX EPIPOLAR	0.60	7.80	15.04	30.34	4.97	8.62	16.41	32.27	7.01	17.83	21.93	26.26	1.92	5000	5000	5000	0	17.38
49.	NORANSAC	MAX EPIPOLAR	0.40	6.63	14.95	30.27	5.12	6.39	16.44	32.21	7.12	19.15	23.15	27.57	1.99	5000	5000	5000	0	17.21
50.	MLESAC	MAX EPIPOLAR	3.50	9.60	14.94	30.35	4.74	9.02	16.46	31.97	7.05	26.81	30.55	33.92	2.01	5000	5000	5000	0	16.92
51.	NORANSAC	GEOM. EPIPOLAR	0.57	6.63	14.98	29.63	5.06	6.52	16.47	32.15	7.00	20.02	24.58	28.67	2.05	5000	5000	5000	0	17.06
52.	NORANSAC	MAX EPIPOLAR	0.80	10.06	15.12	30.27	4.77	9.26	16.47	30.80	6.74	25.93	29.61	32.93	1.84	5000	5000	5000	0	17.03
53.	NOMLESAC	SYM. EPIPOLAR	0.60	7.68	14.57	25.26	4.21	8.67	16.48	32.29	7.11	19.26	23.67	27.79	1.98	5000	5000	5000	0	17.36
54.	NOMLESAC	SYM. EPIPOLAR	0.50	6.60	14.45	24.63	4.26	6.42	16.50	32.31	7.20	15.54	20.01	24.40	1.76	5000	5000	5000	0	17.32
55.	NOMSAC	GEOM. EPIPOLAR	1.41	9.06	15.17	30.39	4.70	9.37	16.54	31.21	6.62	27.79	32.51	35.34	1.83	5000	5000	5000	0	17.07
56.	NORANSAC	GEOM. EPIPOLAR	0.71	6.62	14.92	30.21	5.15	6.32	16.56	31.70	7.14	21.99	26.67	30.74	2.10	5000	5000	5000	0	17.06
57.	NORANSAC	SYM. EPIPOLAR	0.50	6.62	14.93	30.24	5.14	6.32	16.58	31.74	7.12	22.10	26.95	30.96	2.14	5000	5000	5000	0	17.15
58.	NORANSAC	MAX EPIPOLAR	0.50	6.59	15.00	29.55	5.05	6.32	16.59	31.99	7.02	21.12	25.30	29.76	2.00	5000	5000	5000	0	17.27
59.	MLESAC	SYM. EPIPOLAR	3.00	6.91	15.01	30.22	4.85	7.70	16.59	32.11	6.99	23.74	28.70	32.60	2.28	5000	5000	5000	0	17.03
60.	NORANSAC	SYM. EPIPOLAR	0.70	7.87	14.93	30.20	4.53	9.31	16.59	30.85	6.60	26.26	30.04	33.37	1.90	5000	5000	5000	0	17.07
61.	NORANSAC	GEOM. EPIPOLAR	1.13	10.14	15.06	30.40	4.46	9.31	16.61	30.59	6.49	27.79	30.89	33.81	1.70	5000	5000	5000	0	17.08
62.	MLESAC	MAX EPIPOLAR	2.00	4.87	14.47	24.67	4.53	5.44	16.69	32.64	7.31	14.33	19.18	23.52	2.17	5000	5000	5000	0	16.89
63.	NOMLESAC	GEOM. EPIPOLAR	0.42	6.71	14.51	24.78	4.35	6.50	16.71	32.68	7.25	9.52	13.43	18.05	1.75	5000	5000	5000	0	17.33
64.	NOMLESAC	SYM. EPIPOLAR	0.70	5.28	16.75	99.71	16.18	4.23	15.77	31.71	7.33	21.55	26.70	30.85	2.19	5000	5000	5000	0	17.37
65.	MLESAC	SYM. EPIPOLAR	2.50	7.84	14.66	25.26	4.19	8.59	16.76	32.65	7.11	19.47	24.84	29.54	2.35	5000	5000	5000	0	16.98
66.	MLESAC	MAX EPIPOLAR	3.00	7.39	14.93	30.41	5.08	8.63	16.76	32.26	7.21	22.98	27.56	32.17	2.21	5000	5000	5000	0	16.97

Sequence: pen12

Rank	Algorithm			ς_1 (%)				ς_2 (%)				Inliers(%)				Iterations(max 5000)				Avg.
	method	error	th(px)	min	mean	max	std	min	mean	max	std	min	mean	max	std	min	mean	max	std	time(s)
67.	NOMLESAC	MAX EPIPOLAR	0.50	7.62	15.19	29.94	4.91	8.43	16.78	32.32	6.90	14.55	18.38	23.09	1.82	5000	5000	5000	0	17.37
68.	MLESAC	MAX EPIPOLAR	2.50	7.79	15.15	30.11	5.06	8.47	16.93	32.53	7.12	18.82	23.58	28.67	2.50	5000	5000	5000	0	16.89
69.	NORANSAC	MAX EPIPOLAR	0.20	4.78	15.04	25.18	5.15	5.52	17.07	32.48	7.56	13.24	16.76	21.44	1.82	5000	5000	5000	0	17.02
70.	MLESAC	GEOM. EPIPOLAR	2.12	7.72	15.31	29.95	4.95	8.40	17.11	32.62	7.03	10.39	17.21	22.43	2.60	5000	5000	5000	0	16.89
71.	MLESAC	SAMPSON	4.50	4.62	14.26	24.54	4.20	4.53	17.33	99.71	16.61	38.07	40.03	41.58	0.90	2143	2874	3968	424	9.97
72.	NOMLESAC	MAX EPIPOLAR	0.90	5.21	17.37	99.71	16.28	4.23	15.49	30.70	7.08	25.27	29.60	32.93	1.83	5000	5000	5000	0	17.38
73.	NORANSAC	GEOM. EPIPOLAR	1.27	10.42	17.83	99.66	16.32	4.29	15.71	36.55	7.42	28.56	31.99	34.57	1.68	5000	5000	5000	0	17.10
74.	NOMSAC	SYM. EPIPOLAR	0.80	5.80	16.65	93.10	15.10	5.07	18.75	99.71	16.81	25.05	30.59	34.03	2.13	5000	5000	5000	0	17.10
75.	NOMSAC	SYM. EPIPOLAR	0.70	4.60	16.65	93.09	15.14	5.07	18.77	99.71	16.84	24.18	29.44	33.37	2.11	5000	5000	5000	0	17.05
76.	RANSAC	SYM. EPIPOLAR	4.00	1.60	16.31	93.10	15.47	2.78	19.02	99.71	17.17	16.52	20.39	24.29	2.06	5000	5000	5000	0	16.59
77.	NOMSAC	MAX EPIPOLAR	0.70	3.95	16.78	93.09	15.10	4.51	19.08	99.71	16.78	22.87	27.79	31.84	2.07	5000	5000	5000	0	17.24
78.	NORANSAC	GEOM. EPIPOLAR	0.42	4.74	16.76	93.09	15.18	5.33	19.13	99.71	16.93	17.72	21.64	25.71	1.81	5000	5000	5000	0	17.32
79.	RANSAC	GEOM. EPIPOLAR	6.36	1.57	16.54	93.10	15.40	2.75	19.19	99.71	17.10	17.61	21.47	25.60	2.09	5000	5000	5000	0	16.61
80.	MSAC	GEOM. EPIPOLAR	6.36	1.57	16.54	93.10	15.40	2.75	19.19	99.71	17.10	17.61	21.47	25.60	2.09	5000	5000	5000	0	16.64
81.	NORANSAC	SYM. EPIPOLAR	0.30	2.41	16.83	93.09	15.20	3.12	19.23	99.71	16.92	17.94	21.91	25.82	1.79	5000	5000	5000	0	17.36
82.	RANSAC	GEOM. EPIPOLAR	5.66	1.68	16.19	93.10	15.49	2.80	19.27	99.71	17.16	16.08	20.22	24.29	2.12	5000	5000	5000	0	16.65
83.	NOMSAC	GEOM. EPIPOLAR	0.85	3.88	16.90	93.09	15.09	4.41	19.29	99.71	16.72	22.87	27.87	31.95	2.05	5000	5000	5000	0	17.07
84.	NOMLESAC	SYM. EPIPOLAR	0.40	2.32	16.79	93.10	15.22	3.20	19.30	99.71	16.93	11.93	16.00	20.57	1.64	5000	5000	5000	0	17.32
85.	RANSAC	SAMPSON	2.50	1.77	16.35	93.10	15.42	2.87	19.41	99.71	17.09	15.75	19.51	23.19	1.92	5000	5000	5000	0	16.66
86.	MSAC	GEOM. EPIPOLAR	5.66	1.68	16.37	93.10	15.50	2.80	19.42	99.71	17.20	16.08	20.21	24.29	2.12	5000	5000	5000	0	16.63
87.	MLESAC	SAMPSON	1.50	1.51	16.76	93.10	15.27	2.60	19.42	99.71	16.96	14.55	18.24	22.54	1.93	5000	5000	5000	0	16.94
88.	MSAC	SYM. EPIPOLAR	4.00	1.60	16.37	93.10	15.51	2.78	19.43	99.71	17.21	16.52	20.38	24.29	2.08	5000	5000	5000	0	16.66
89.	MSAC	SAMPSON	4.00	2.96	16.92	93.10	15.16	3.66	19.43	99.71	16.89	20.02	24.22	28.12	2.11	5000	5000	5000	0	16.83
90.	RANSAC	SAMPSON	3.00	1.68	16.76	93.10	15.27	2.77	19.43	99.71	16.95	17.83	21.27	25.16	2.00	5000	5000	5000	0	16.57
91.	RANSAC	SYM. EPIPOLAR	4.50	1.68	16.80	93.10	15.25	2.77	19.45	99.71	16.93	17.72	21.66	25.60	2.08	5000	5000	5000	0	16.66
92.	MSAC	SYM. EPIPOLAR	4.50	1.68	16.80	93.10	15.25	2.77	19.45	99.71	16.93	17.72	21.66	25.60	2.08	5000	5000	5000	0	16.59
93.	MSAC	MAX EPIPOLAR	4.00	4.87	16.97	93.10	15.13	5.44	19.51	99.71	16.86	14.88	19.22	23.52	2.15	5000	5000	5000	0	16.64
94.	RANSAC	MAX EPIPOLAR	4.00	4.87	17.00	93.10	15.12	5.44	19.53	99.71	16.85	14.88	19.25	23.52	2.13	5000	5000	5000	0	16.58
95.	NORANSAC	MAX EPIPOLAR	0.30	4.74	17.07	93.09	15.01	5.38	19.53	99.71	16.75	16.52	20.34	24.84	1.86	5000	5000	5000	0	17.06
96.	NOMLESAC	MAX EPIPOLAR	0.40	4.82	17.07	93.10	15.06	5.56	19.57	99.71	16.81	10.94	14.58	19.47	1.92	5000	5000	5000	0	17.41
97.	MSAC	SAMPSON	3.00	1.68	16.94	93.10	15.28	2.77	19.58	99.71	16.99	17.83	21.25	25.16	2.01	5000	5000	5000	0	16.64
98.	MLESAC	SAMPSON	2.00	6.09	17.12	93.10	15.01	6.14	19.59	99.71	16.76	20.02	24.20	28.12	2.10	5000	5000	5000	0	17.01
99.	MLESAC	SYM. EPIPOLAR	2.00	6.47	17.10	93.10	15.01	6.37	19.61	99.71	16.76	16.52	20.24	24.29	2.03	5000	5000	5000	0	16.88
100.	RANSAC	GEOM. EPIPOLAR	4.95	1.53	16.43	93.10	15.39	2.58	19.62	99.71	16.99	14.88	19.06	22.98	1.94	5000	5000	5000	0	16.66
101.	RANSAC	MAX EPIPOLAR	4.50	4.79	17.14	93.10	15.03	5.52	19.64	99.71	16.77	16.19	20.31	24.84	2.21	5000	5000	5000	0	16.64
102.	MSAC	MAX EPIPOLAR	4.50	4.79	17.19	93.10	15.11	5.52	19.68	99.71	16.88	16.19	20.30	24.84	2.21	5000	5000	5000	0	16.63
103.	MSAC	SAMPSON	3.50	1.95	19.68	99.71	21.46	2.98	19.40	99.71	16.95	18.82	22.82	26.26	2.07	5000	5000	5000	0	16.79
104.	RANSAC	SAMPSON	4.00	6.09	17.22	93.10	14.97	6.14	19.69	99.71	16.70	20.02	24.22	28.12	2.11	5000	5000	5000	0	16.63
105.	NOMSAC	MAX EPIPOLAR	0.60	2.87	16.67	93.10	15.33	3.44	19.72	99.71	16.92	20.90	26.11	30.96	2.16	5000	5000	5000	0	17.22
106.	RANSAC	SAMPSON	3.50	1.95	19.74	99.71	21.44	2.98	19.44	99.71	16.93	18.82	22.83	26.26	2.08	5000	5000	5000	0	16.57
107.	RANSAC	SYM. EPIPOLAR	3.50	1.51	16.57	93.10	15.33	2.63	19.75	99.71	16.93	15.10	19.19	22.98	1.91	5000	5000	5000	0	16.61
108.	NOMSAC	GEOM. EPIPOLAR	0.71	3.69	16.74	93.10	15.28	4.25	19.77	99.71	16.89	21.44	26.03	30.74	2.15	5000	5000	5000	0	17.08
109.	MLESAC	SYM. EPIPOLAR	1.50	1.86	16.70	93.10	15.41	2.89	19.84	99.71	17.03	10.72	14.78	18.60	1.76	5000	5000	5000	0	16.93
110.	MLESAC	GEOM. EPIPOLAR	1.41	2.30	17.15	93.09	15.12	3.25	19.86	99.71	16.74	7.11	10.41	14.00	1.83	5000	5000	5000	0	17.21
111.	NORANSAC	SYM. EPIPOLAR	0.20	2.54	17.28	93.09	15.32	3.19	19.87	99.71	16.85	14.11	18.15	22.10	1.73	5000	5000	5000	0	17.31
112.	MSAC	SAMPSON	4.50	6.28	17.26	93.09	14.96	6.26	19.89	99.71	16.67	21.33	25.56	30.09	2.18	5000	5000	5000	0	16.74
113.	RANSAC	SAMPSON	4.50	6.28	17.31	93.09	14.94	6.26	19.91	99.71	16.65	21.33	25.57	30.09	2.18	5000	5000	5000	0	16.58
114.	NOMSAC	MAX EPIPOLAR	0.80	4.06	19.91	99.71	21.21	4.63	19.01	99.71	16.73	24.07	29.15	32.93	2.14	5000	5000	5000	0	17.29
115.	MSAC	GEOM. EPIPOLAR	4.95	1.53	16.57	93.10	15.37	2.58	19.94	99.71	16.91	14.88	19.04	22.98	1.92	5000	5000	5000	0	16.59

Rank	Algorithm			ς_1 (%)				ς_2 (%)				Inliers(%)				Iterations(max 5000)				Avg.
	method	error	th(px)	min	mean	max	std	min	mean	max	std	min	mean	max	std	min	mean	max	std	time(s)
116.	MSAC	SYM. EPIPOLAR	3.50	1.51	16.57	93.10	15.37	2.63	19.95	99.71	16.90	15.10	19.17	22.98	1.90	5000	5000	5000	0	16.60
117.	NOMLESAC	GEOM. EPIPOLAR	0.28	2.56	17.10	93.10	15.22	3.26	20.02	99.71	16.78	5.25	7.96	10.83	1.43	5000	5000	5000	0	17.29
118.	NORANSAC	GEOM. EPIPOLAR	0.28	2.32	17.17	93.09	15.35	3.13	20.12	99.71	16.82	14.00	17.93	21.99	1.76	5000	5000	5000	0	17.27
119.	NOMLESAC	MAX EPIPOLAR	0.30	2.24	17.60	93.10	15.32	3.34	20.15	99.71	16.97	6.78	10.43	14.00	1.61	5000	5000	5000	0	17.32
120.	MSAC	SAMPSON	2.50	1.77	17.16	93.10	15.47	2.87	20.36	99.71	16.96	15.75	19.43	23.19	1.91	5000	5000	5000	0	16.65
121.	RANSAC	GEOM. EPIPOLAR	4.24	1.69	17.20	93.10	15.47	2.74	20.37	99.71	16.97	13.24	17.50	21.99	2.01	5000	5000	5000	0	16.65
122.	NOMSAC	SYM. EPIPOLAR	0.60	3.25	17.63	93.09	15.51	3.86	20.46	99.71	16.91	21.77	27.47	32.28	2.39	5000	5000	5000	0	17.09
123.	NOMLESAC	SYM. EPIPOLAR	0.30	2.27	17.28	93.10	15.41	3.32	20.48	99.71	16.94	7.44	11.44	14.99	1.62	5000	5000	5000	0	17.31
124.	RANSAC	SYM. EPIPOLAR	3.00	1.55	17.64	93.10	15.61	2.61	20.88	99.71	17.03	13.35	17.68	21.99	1.89	5000	5000	5000	0	16.63
125.	MSAC	SYM. EPIPOLAR	3.00	1.55	17.64	93.10	15.61	2.61	20.88	99.71	17.03	13.35	17.68	21.99	1.89	5000	5000	5000	0	16.62
126.	RANSAC	SYM. EPIPOLAR	2.50	1.94	17.79	93.10	15.55	2.92	20.93	99.71	17.01	11.60	15.95	20.13	1.90	5000	5000	5000	0	16.60
127.	MSAC	SYM. EPIPOLAR	2.50	1.94	17.79	93.10	15.55	2.92	20.93	99.71	17.01	11.60	15.95	20.13	1.90	5000	5000	5000	0	16.61
128.	RANSAC	GEOM. EPIPOLAR	3.54	1.96	17.80	93.10	15.55	2.96	20.93	99.71	17.02	11.49	15.81	20.13	1.96	5000	5000	5000	0	16.62
129.	MSAC	GEOM. EPIPOLAR	3.54	1.96	17.80	93.10	15.55	2.96	20.93	99.71	17.02	11.49	15.81	20.13	1.96	5000	5000	5000	0	16.59
130.	RANSAC	SAMPSON	2.00	1.55	17.91	93.10	15.51	2.61	21.14	99.71	16.90	13.57	17.43	21.55	1.77	5000	5000	5000	0	16.59
131.	RANSAC	MAX EPIPOLAR	3.50	4.79	17.88	93.10	15.25	5.48	22.76	99.71	22.22	13.68	17.98	22.76	2.13	5000	5000	5000	0	16.90
132.	MLESAC	MAX EPIPOLAR	1.50	4.87	17.97	93.10	15.24	5.58	22.82	99.71	22.21	9.74	13.83	18.05	1.78	5000	5000	5000	0	16.88
133.	MSAC	MAX EPIPOLAR	3.50	4.79	18.28	93.10	15.30	5.48	23.01	99.71	22.20	13.68	17.98	22.76	2.13	5000	5000	5000	0	16.62
134.	RANSAC	MAX EPIPOLAR	3.00	4.81	18.31	93.10	15.31	5.49	23.02	99.71	22.20	12.04	16.59	21.66	2.15	5000	5000	5000	0	16.69
135.	MSAC	MAX EPIPOLAR	3.00	4.81	18.31	93.10	15.31	5.49	23.02	99.71	22.20	12.04	16.59	21.66	2.15	5000	5000	5000	0	16.58
136.	MSAC	GEOM. EPIPOLAR	4.24	1.69	17.76	93.10	15.61	2.74	23.14	99.71	22.29	13.24	17.50	21.99	2.01	5000	5000	5000	0	16.59
137.	NOMSAC	SYM. EPIPOLAR	0.50	3.91	19.60	93.10	18.32	4.41	23.35	99.71	21.59	16.08	25.51	30.96	2.91	5000	5000	5000	0	17.10
138.	RANSAC	SYM. EPIPOLAR	2.00	2.00	18.04	93.10	15.65	2.98	23.40	99.71	22.26	10.18	13.91	16.96	1.63	5000	5000	5000	0	16.64
139.	MSAC	MAX EPIPOLAR	1.00	4.94	19.33	93.12	15.55	5.53	23.41	99.71	17.51	5.25	7.88	11.49	1.29	5000	5000	5000	0	16.59
140.	MSAC	SAMPSON	2.00	1.55	18.10	93.10	15.64	2.61	23.45	99.71	22.14	13.57	17.42	21.55	1.78	5000	5000	5000	0	16.63
141.	NOMSAC	GEOM. EPIPOLAR	0.57	2.90	20.45	93.10	20.42	3.40	23.58	99.71	21.52	14.88	23.44	28.67	2.74	5000	5000	5000	0	17.09
142.	NOMSAC	MAX EPIPOLAR	0.50	2.74	20.39	93.10	20.38	3.30	23.61	99.71	21.52	15.32	23.97	29.76	2.88	5000	5000	5000	0	17.19
143.	RANSAC	GEOM. EPIPOLAR	2.83	1.99	18.42	93.10	15.62	3.01	23.85	99.71	22.24	10.07	13.78	16.96	1.64	5000	5000	5000	0	16.66
144.	RANSAC	SAMPSON	1.50	1.92	18.34	93.10	15.63	2.93	23.96	99.71	22.20	10.61	14.65	17.83	1.60	5000	5000	5000	0	16.58
145.	RANSAC	MAX EPIPOLAR	1.00	4.94	17.92	83.94	13.88	5.53	24.20	99.71	22.29	5.36	8.01	11.49	1.22	5000	5000	5000	0	16.64
146.	MSAC	SYM. EPIPOLAR	1.00	2.25	19.47	93.11	15.94	3.24	25.00	99.71	22.00	5.58	8.58	12.14	1.33	5000	5000	5000	0	16.91
147.	RANSAC	GEOM. EPIPOLAR	0.71	3.24	19.70	93.12	15.91	3.73	25.03	99.71	21.96	3.61	5.01	6.89	0.66	5000	5000	5000	0	16.91
148.	RANSAC	MAX EPIPOLAR	2.50	2.00	19.52	93.10	16.85	2.99	25.56	99.71	25.63	10.39	14.90	19.37	1.96	5000	5000	5000	0	16.82
149.	MSAC	MAX EPIPOLAR	2.50	2.00	19.52	93.10	16.85	2.99	25.56	99.71	25.63	10.39	14.90	19.37	1.96	5000	5000	5000	0	16.59
150.	MSAC	GEOM. EPIPOLAR	2.83	1.99	18.15	93.10	15.62	3.01	25.65	99.71	26.27	10.07	13.77	16.96	1.65	5000	5000	5000	0	16.61
151.	NOMSAC	SYM. EPIPOLAR	0.40	2.86	24.18	93.12	23.20	3.41	25.71	99.71	21.24	14.99	22.72	28.99	3.24	5000	5000	5000	0	17.11
152.	MLESAC	SAMPSON	1.00	2.30	18.49	93.09	15.81	3.26	26.10	99.71	26.19	7.66	11.23	14.11	1.53	5000	5000	5000	0	17.27
153.	RANSAC	MAX EPIPOLAR	2.00	4.90	20.51	93.09	19.38	5.59	26.41	99.71	26.03	8.97	12.94	16.52	1.73	5000	5000	5000	0	16.91
154.	MSAC	MAX EPIPOLAR	1.50	4.91	18.24	83.72	14.11	5.58	26.48	99.71	26.19	7.00	10.63	14.44	1.57	5000	5000	5000	0	16.57
155.	MSAC	SYM. EPIPOLAR	2.00	2.00	18.83	93.10	15.91	2.98	26.57	99.71	26.23	10.18	13.88	16.96	1.65	5000	5000	5000	0	16.62
156.	MLESAC	MAX EPIPOLAR	1.00	4.94	20.67	93.10	19.49	5.53	26.75	99.71	26.18	4.92	7.94	11.49	1.27	5000	5000	5000	0	16.80
157.	RANSAC	MAX EPIPOLAR	0.50	4.97	22.16	93.12	16.39	5.56	26.78	99.71	19.73	3.50	4.63	6.89	0.68	5000	5000	5000	0	16.62
158.	MSAC	GEOM. EPIPOLAR	1.41	2.38	20.04	83.73	18.34	3.31	27.10	99.71	26.28	5.91	8.58	12.14	1.23	5000	5000	5000	0	16.91
159.	RANSAC	SYM. EPIPOLAR	0.50	3.29	21.20	93.12	17.64	3.78	27.14	99.71	23.82	3.83	5.07	6.89	0.65	5000	5000	5000	0	16.94
160.	MLESAC	SAMPSON	0.50	3.19	21.39	93.11	19.41	3.68	27.84	99.71	25.77	2.84	3.91	5.58	0.64	5000	5000	5000	0	17.19
161.	RANSAC	GEOM. EPIPOLAR	1.41	2.38	20.85	83.73	18.37	3.31	27.88	99.71	26.10	5.91	8.59	12.14	1.23	5000	5000	5000	0	16.91
162.	NOMSAC	MAX EPIPOLAR	0.40	2.41	27.27	93.11	26.40	3.02	28.14	99.04	25.23	13.13	20.86	27.57	3.51	5000	5000	5000	0	17.27
163.	RANSAC	SAMPSON	0.50	2.68	21.96	93.11	19.21	3.33	28.17	99.71	25.57	4.81	6.81	9.08	0.90	5000	5000	5000	0	16.93
164.	NOMLESAC	MAX EPIPOLAR	0.20	2.66	20.23	93.10	19.87	3.36	28.49	99.71	29.56	3.83	5.84	8.10	0.89	5000	5000	5000	0	17.18

Sequence: pen12

Rank	Algorithm			ς_1 (%)				ς_2 (%)				Inliers(%)				Iterations(max 5000)				Avg.	
	method	error	th(px)	min	mean	max	std	min	mean	max	std	min	mean	max	std	min	mean	max	std	time(s)	
165.	MSAC	MAX	EPIPOLAR	2.00	4.90	20.64	93.09	19.46	5.59	28.66	99.71	29.29	8.97	12.91	16.52	1.74	5000	5000	5000	0	16.56
166.	RANSAC	GEOM.	EPIPOLAR	2.12	2.28	20.63	93.09	19.78	3.25	28.80	99.71	29.48	7.99	11.47	14.44	1.49	5000	5000	5000	0	16.64
167.	RANSAC	SYM.	EPIPOLAR	1.50	2.25	20.63	93.09	19.78	3.26	28.81	99.71	29.47	8.21	11.58	14.44	1.46	5000	5000	5000	0	16.64
168.	MSAC	GEOM.	EPIPOLAR	2.12	2.28	20.50	93.09	19.80	3.25	28.83	99.71	29.47	7.99	11.46	14.44	1.50	5000	5000	5000	0	16.59
169.	MLESAC	GEOM.	EPIPOLAR	0.71	3.13	20.50	93.10	19.78	3.64	28.83	99.71	29.47	2.74	3.71	5.58	0.58	5000	5000	5000	0	17.08
170.	MSAC	SYM.	EPIPOLAR	1.50	2.25	20.50	93.09	19.80	3.26	28.84	99.71	29.47	8.21	11.57	14.44	1.47	5000	5000	5000	0	16.60
171.	MLESAC	SYM.	EPIPOLAR	1.00	2.25	21.08	93.09	19.80	3.24	29.23	99.71	29.34	5.69	8.62	12.14	1.29	5000	5000	5000	0	17.18
172.	RANSAC		SAMPSON	1.00	2.30	20.98	93.09	19.80	3.26	29.27	99.71	29.34	8.10	11.33	14.11	1.42	5000	5000	5000	0	16.95
173.	NOMLESAC	SYM.	EPIPOLAR	0.20	2.68	21.15	93.10	19.86	3.40	29.27	99.71	29.33	4.60	6.47	8.42	0.85	5000	5000	5000	0	17.20
174.	RANSAC	MAX	EPIPOLAR	1.50	2.35	20.97	93.09	19.81	3.27	29.45	99.71	29.72	7.11	10.66	14.44	1.55	5000	5000	5000	0	17.05
175.	MSAC		SAMPSON	1.50	1.92	21.13	93.10	19.78	2.93	29.48	99.71	29.30	9.96	14.57	17.83	1.68	5000	5000	5000	0	16.58
176.	MLESAC	SYM.	EPIPOLAR	0.50	9.58	23.03	93.12	16.27	8.49	29.49	99.71	23.42	1.97	3.11	4.38	0.56	5000	5000	5000	0	17.11
177.	RANSAC	SYM.	EPIPOLAR	1.00	2.25	20.84	83.59	18.35	3.24	29.75	99.71	29.11	6.02	8.69	12.14	1.22	5000	5000	5000	0	16.95
178.	MSAC		SAMPSON	1.00	2.30	23.88	93.11	22.42	3.26	30.81	99.71	28.75	7.99	11.22	14.11	1.49	5000	5000	5000	0	17.02
179.	NOMSAC	GEOM.	EPIPOLAR	0.42	2.17	26.63	88.85	23.06	3.00	31.89	99.71	26.64	13.79	19.69	25.71	2.99	5000	5000	5000	0	17.06
180.	MLESAC	MAX	EPIPOLAR	0.50	4.95	26.86	94.33	23.63	5.67	32.48	99.71	27.04	1.86	2.90	4.05	0.50	5000	5000	5000	0	16.63
181.	MSAC	GEOM.	EPIPOLAR	0.71	6.39	31.19	94.33	26.22	5.70	34.73	99.71	26.62	2.95	4.64	6.89	0.94	5000	5000	5000	0	17.36
182.	MSAC	SYM.	EPIPOLAR	0.50	6.39	40.16	93.35	28.65	5.70	45.47	99.71	31.62	1.64	3.36	6.56	1.30	5000	5000	5000	0	17.00
183.	MSAC	MAX	EPIPOLAR	0.50	11.60	49.33	95.47	31.98	14.34	52.49	99.71	31.74	1.64	2.83	5.14	0.90	5000	5000	5000	0	16.59
184.	MSAC		SAMPSON	0.50	6.36	50.32	94.91	30.07	5.73	55.10	99.71	29.43	1.64	4.19	8.42	1.75	5000	5000	5000	0	16.91
185.	NOMSAC	MAX	EPIPOLAR	0.30	19.59	72.55	95.56	21.89	25.69	79.20	99.71	22.64	1.42	2.88	16.19	2.91	5000	5000	5000	0	17.14
186.	NOMSAC	SYM.	EPIPOLAR	0.20	40.38	82.83	95.56	14.33	65.62	86.03	99.71	10.61	0.88	1.19	2.08	0.29	5000	5000	5000	0	16.84
187.	NOMSAC	GEOM.	EPIPOLAR	0.28	51.26	79.13	94.81	13.15	58.34	87.25	99.71	11.88	1.09	1.89	3.50	0.58	5000	5000	5000	0	16.98
188.	NOMSAC	MAX	EPIPOLAR	0.20	56.22	82.04	95.32	12.36	52.74	89.54	99.71	12.72	0.88	1.20	2.08	0.26	5000	5000	5000	0	17.13
189.	NOMSAC	SYM.	EPIPOLAR	0.30	50.26	83.63	95.56	12.26	66.81	90.78	99.71	10.88	1.31	2.53	10.07	1.58	5000	5000	5000	0	16.96