

TTC (ms)

BRIEF

IMAGE / DETECTOR	HARRIS	FAST	BRISK	SIFT	ORB	
1-2	nan	11.7971	14.1924	12.6572		13.9463
2-3	-1.2749	28.7584	15.6885	7.57594		13.5451
3-4	-10.295	16.5356	13.9883	13.4563		38.5666
4-5	11.3201	12.6839	12.6551	18.1963		-22.5948
5-6	1.43762	35.9943	67.7972	12.1882		17.769
6-7	-11.1116	11.5279	14.357	12.9597		20.3278
7-8	10.8714	12.8288	10.7446	12.8497		11.7512
8-9	nan	13.2008	18.9391	20.0189		30.1861
9-10	0.0320759	12.3176	15.6569	12.9876		19.359
10-11	6.22926	35.8019	12.6494	10.5243		10.4625
11-12	-0.814768	15.693	10.633	11.3367		8.91067
12-13	nan	7.80127	11.1984	8.43338		15.5577
13-14	2.83934	14.0888	15.1882	9.68376		9.60389
14-15	-8.83569	11.3269	14.1116	7.8179		8.15758
15-16	-2.57257	13.7065	12.7452	9.38552		9.41571
16-17	11.7931	12.1996	15.4809	8.53948		13.2755
17-18	nan	7.96589	9.48537	7.97518		55.204
18-19	nan	12.7024	9.90522	9.48347		13.8686

FREAK

IMAGE / DETECTOR	HARRIS	FAST	BRISK	SIFT	ORB	
1-2	nan	9.78926	11.5722	9.84293		9.42923
2-3	0.0704421	33.6139	22.7753	11.3184		18.4474
3-4	0.103548	10.313	15.6236	10.7608		-134.284
4-5	11.3201	6.46369	9.27196	13.9126		11.0409
5-6	nan	13.0881	49.5386	8.60683		29.0177
6-7	22.1492	10.9329	13.9674	11.4816		17.7758
7-8	10.8714	9.39776	9.85089	8.73772		12.145
8-9	nan	11.1869	18.236	10.6461		10.0584
9-10	nan	10.8658	15.8256	12.2487		12.1317
10-11	1.75164	11.7791	14.1461	9.56105		14.8708
11-12	-inf	12.1304	9.42856	11.6726		5.09051
12-13	nan	5.76491	10.7068	7.17797		32.8134
13-14	nan	11.5873	14.5868	8.96806		6.93371
14-15	nan	9.34531	9.87309	6.93332		31.1401
15-16	nan	11.7063	11.3079	8.07265		9.65484
16-17	7.80996	11.3076	8.95035	8.27759		12.0667
17-18	0.0826974	6.13293	7.21678	7.74212		-98.5282
18-19		10.1673	10.7774	10.4368		-35.1758

AKAZE

IMAGE / DETECTOR	AKAZE
1-2	14.9455
2-3	14.9607
3-4	12.753
4-5	14.8015
5-6	19.0905

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6-7	14.466
7-8	15.1812
8-9	14.877
9-10	17.9013
10-11	12.3056
11-12	13.2637
12-13	11.9226
13-14	10.1341
14-15	10.3785
15-16	10.1188
16-17	9.45327
17-18	10.4417
18-19	9.07593

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ORB

IMAGE / DETECTOR	HARRIS	FAST	BRISK	ORB
1-2	nan	13.3341	12.8389	19.1116
2-3	80.7525	45.0895	14.9357	13.3168
3-4	-18.2644	16.3163	12.9406	24.724
4-5	11.3201	12.605	18.115	22.1695
5-6	nan	13.0809	25.3236	21.9442
6-7	-inf	12.5645	16.8483	11.2192
7-8	10.8714	12.2021	11.6876	8.91958
8-9	nan	11.3522	10.7968	7.39015
9-10	1.10983	12.9124	9.98712	18.0377
10-11	6.22926	25.2171	9.98542	8.26419
11-12	0.102588	12.5668	10.76	7.80056
12-13	nan	6.68629	7.19028	13.4283
13-14	2.83934	13.2272	10.8256	8.05265
14-15	-0.942772	11.3057	13.1722	6.59684
15-16	-2.57257	10.8	11.4439	8.54902
16-17	11.7931	12.6605	10.1502	8.0066
17-18	nan	6.67515	8.01495	7.51469
18-19	nan	11.6118	9.4537	24.1855

SIFT

IMAGE / DETECTOR	HARRIS	FAST	BRISK	SIFT	ORB
1-2	nan	12.6702	11.2949	9.88564	16.8612
2-3	-7.7161	105.666	17.6538	11.5505	15.2731
3-4	-10.295	13.7273	16.504	10.5306	17.4928
4-5	11.3201	12.75	13.8025	12.7767	-215.049
5-6	1.31578	138.026	26.4464	11.2875	18.9149
6-7	-16.025	11.8895	12.4836	11.0585	116.757
7-8	11.4974	13.2657	14.9567	12.5567	16.6847
8-9	nan	14.0861	18.9986	13.8405	7.14781
9-10	-1.27821	12.7047	15.0201	11.1009	11.9786
10-11	6.22926	NAN	12.1946	9.08886	9.25849
11-12	-1.60331	28.7132	9.99438	7.6305	13.1039
12-13	nan	11.1081	12.4532	8.10768	35.5641
13-14	2.83934	14.0583	13.8471	8.71586	8.08528
14-15	-1.64628	11.9267	10.3583	8.72115	9.73696
15-16	-2.57257	13.1008	11.6289	8.81764	32.9112
16-17	11.7931	11.7613	10.4527	7.73093	9.78354
17-18	nan	7.0503	10.0657	8.10541	6.93976
18-19	nan	80.4055	13.1741	7.83368	55.548

LIDAR

FRAMES	TTC	dx	Previous Frame
			7.974
1-2	12.9722	0	7.913
2-3	12.264	0.061	7.849
3-4	13.9161	0.064	7.793
4-5	7.11572	0.056	7.685

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5-6	16.2511	0.108	7.638
6-7	12.4213	0.047	7.577
7-8	34.3404	0.061	7.555
8-9	9.34376	0.022	7.475
9-10	18.1318	0.08	7.434
10-11	18.0318	0.041	7.393
11-12	3.83244	0.041	7.205
12-13	10.8537	0.188	7.272
13-14	9.22307	-0.067	7.194
14-15	10.9678	0.078	7.129
15-16	8.09422	0.065	7.042
16-17	3.17535	0.087	6.827
17-18	9.99424	0.215	6.896
18-19	8.30978	-0.069	