

review all data

TTC by lidar	12.9722	12.264	13.9161	14.8865	13.2465	8.93882	17.5697	18.7875	15.8894	13.7297	10.4914	10.1	9.22307	10.9678	8.09422	8.81392	10.45	8.20967				0			
Detector: AKAZE Descriptor: SIFT	12.3695	13.1568	12.3977	14.2488	14.2171	14.0776	15.7868	13.4517	14.3377	11.7296	11.5994	10.9525	10.6857	10.533	10.2244	10.0648	8.83927	8.84665				1.03148	1	Detector: AKAZE Descriptor: SIFT	
Detector: AKAZE Descriptor: AKAZE	12.2751	13.1802	12.9513	13.8338	14.7178	14.6156	15.812	13.7185	14.6038	12.0702	12.513	11.1825	10.72	11.521	9.95853	9.6855	9.37105	8.89044				3.06982	2	Detector: AKAZE Descriptor: AKAZE	
Detector: SHITOMASI Descriptor: BRIEF	14.1042	10.9151	10.1682	12.3378	13.4042	12.8026	29.6499	12.2105	11.8696	13.2068	10.8422	9.26202	12.803	8.0945	10.5627	12.3236	10.0942	7.43255				3.53317	3	Detector: SHITOMASI Descriptor: BRIEF	
Detector: SHITOMASI Descriptor: SIFT	13.8353	12.0679	13.2483	11.414	14.297	14.667	12.6032	13.7689	11.0326	16.4412	11.204	10.1626	12.0131	9.55141	8.02355	9.2617	9.90596	7.81346				7.23932			
Detector: AKAZE Descriptor: BRIEF	12.0193	12.2634	11.6694	13.4087	13.2398	13.3095	15.3887	14.6158	13.146	11.6151	11.4909	10.0229	10.3568	10.3321	9.18816	9.59784	9.18972	8.86221				8.83417			
Detector: SIFT Descriptor: BRIEF	10.6877	12.939	12.7852	19.4937	15.4274	12.5472	12.4612	15.6138	12.1723	11.5557	10.6098	11.7647	8.73606	9.93749	8.84027	7.9074	7.94402	7.22224				9.90532			
Detector: BRISK Descriptor: BRIEF	13.7566	14.9455	13.086	17.0482	12.3956	13.6174	12.6342	17.8955	13.9453	11.0519	9.42349	13.0503	13.8833	15.7425	9.06211	11.9538	8.38842	12.4451				15.77472			
Detector: SIFT Descriptor: BRISK	12.0369	12.6076	12.5679	15.8396	14.7373	12.8024	16.1713	13.9639	7.82235	11.7651	11.4288	10.4672	8.74305	8.5909	7.92146	8.00754	8.30127	8.7516				16.02433			
Detector: SIFT Descriptor: SIFT	10.703	11.9623	12.6949	15.5886	12.5795	11.6438	14.0328	13.3166	12.7337	10.3983	10.7594	9.93119	8.6758	9.09397	8.77945	8.55634	7.88566	8.00666				21.20853			
Detector: BRISK Descriptor: ORB	12.2096	18.8793	14.8719	16.359	23.0541	16.7927	13.2361	20.5044	14.3528	10.5883	10.5415	11.7085	10.8728	13.435	10.1428	11.2649	6.16145	13.2886				29.71325			
Detector: SHITOMASI Descriptor: BRISK	13.4079	10.3469	13.2483	13.7007	13.5519	13.3489	14.6498	9.77475	10.8777	10.823	9.47676	8.31802	13.0861	10.2477	8.62455	6.52581	-4.61013	9.01174				34.1401			
Detector: BRISK Descriptor: BRISK	14.4885	25.1468	14.3047	13.9727	21.7921	14.49	16.9385	17.5135	11.9644	12.3549	13.0458	12.9244	10.7286	11.246	11.6991	9.04704	8.29753	12.8106				34.21467			
Detector: BRISK Descriptor: FREAK	13.8565	31.3428	10.1122	20.9862	22.615	13.3512	16.382	13.6643	15.7953	10.824	14.1778	8.89291	11.9339	9.29757	14.441	11.0073	10.486	10.2265				40.84198			
Detector: BRISK Descriptor: SIFT	16.382	17.8133	17.7603	16.1216	55.7266	15.0393	15.3564	16.2302	15.1401	13.5092	12.7585	14.8662	12.5228	11.8844	12.102	12.2293	10.5641	12.3639				79.8197			
Detector: AKAZE Descriptor: BRISK	12.7292	13.2222	13.9533	14.3818	13.4144	13.5206	100	13.1701	14.4788	12.0809	12.3771	10.9172	9.76912	8.97577	10.8681	9.56999	8.38733	8.73669				82.0021			
Detector: AKAZE Descriptor: ORB	11.5267	13.6503	12.8972	12.5766	14.0583	13.4818	15.5808	13.5768	11.225	11.7659	12.019	100	10.7253	11.2605	12.344	9.70155	8.27546	8.35166				84.46637			
Detector: AKAZE Descriptor: FREAK	100	12.2073	13.8962	13.7291	14.4948	15.6721	15.6622	12.1073	13.9708	11.213	11.748	10.9416	10.667	9.94007	9.43162	9.83025	9.93286	8.76909				85.66279			
Detector: SIFT Descriptor: FREAK	12.245	21.9064	12.3488	13.9146	12.4208	11.5942	17.3576	14.7147	13.9255	11.9416	12.1619	11.1498	8.69866	11.1054	9.10742	8.55509	8.33028	100				92.92725			
Detector: SHITOMASI Descriptor: FREAK	13.4079	9.85944	13.9572	16.6023	12.836	13.5457	12.8329	100	10.3217	13.4789	9.91264	9.54445	11.6857	100	11.0836	5.99393	10.4345	6.80288				163.74924			
Detector: SHITOMASI Descriptor: ORB	12.9553	9.90153	8.99007	12.0347	100	100	100	11.3442	-29.1499	13.0553	10.4941	11.862	11.6247	8.65717	7.08724	11.6576	12.863	8.26497				203.09148			
Detector: ORB Descriptor: BRIEF	8.84597	13.3406	15.0888	7.87366	11.7959	7.62892	19.9982	100	140.565	13.7143	17.0883	23.0186	-0.1	9.77764	8.42224	9.07955	9.6574	17.6604				214.90498			
Detector: FAST Descriptor: BRIEF	10.8098	9.04436	10.6968	100	16.9152	100	100	12.9153	13.2766	13.6608	12.8249	11.9904	11.8956	9.82784	10.768	9.37082	10.7105	10.29				256.44642			
Detector: ORB Descriptor: FREAK	5.66329	11.1048	10.8745	7.56649	100	10.3512	100	6.8744	100	28.5526	5.2019	10.1177	6.48396	100	12.2704	5.80457	5.34487	4.43092				312.0911			
Detector: FAST Descriptor: FREAK	6.92914	12.8325	11.9404	12.7877	176.24	-3.54929	15.6212	11.5921	14.6822	100	100	14.2306	15.9595	11.7186	11.3421	10.8923	10.7105	10.2053				325.58435			
Detector: FAST Descriptor: SIFT	15.1661	17.4899	12.6025	100	100	66.0229	32.2067	12.0734	12.8498	25.5876	14.5071	14.0159	11.5003	100	13.7749	11.4782	11.7562	11.7502				364.2312			
Detector: FAST Descriptor: ORB	8.95901	8.75824	9.20466	2.15114	13.0809	100	100	14.3546	100	29.9833	14.2159	100	12.863	12.8701	13.1616	14.5787	100	11.8529				447.48355			
Detector: ORB Descriptor: SIFT	7.56172	128.201	11.1798	19.2665	37.8622	100	100	100	100	23.9758	7.52121	100	8.06225	20.3359	22.0099	8.45239	9.08251	16.2875				601.24818			
Detector: HARRIS Descriptor: BRIEF	100	10.195	23.9843	10.9039	7.95415	100	8.94004	100	5.05143	10.2931	100	19.0869	100	100	100	7.29175	100	-24.5061				660.64397			
Detector: ORB Descriptor: BRISK	8.7739	10.7167	12.3578	14.5849	77.3229	100	100	100	100	100	100	100	13.742	13.7933	17.1345	17.6451	8.66734	24.7517				700.93964			
Detector: FAST Descriptor: BRISK	100	100	14.313	14.0013	100	100	100	13.3065	258.164	100	11.9033	12.828	18.3879	12.0915	12.5766	9.84975	7.73072	9.18424				775.78631			
Detector: HARRIS Descriptor: SIFT	6.90144	11.0081	100	11.7693	23.9843	12.6518	17.7488	96.85	100	100	5.26858	5.57456	100	100	100	6.13507	100	100				779.34145			
Detector: ORB Descriptor: ORB	13.4267	11.1024	7.74904	13.4567	100	100	100	100	100	14.4208	100	100	13.5542	24.6173	100	100	100	25.8155				905.59214			
																						Sum of diff (abs)			