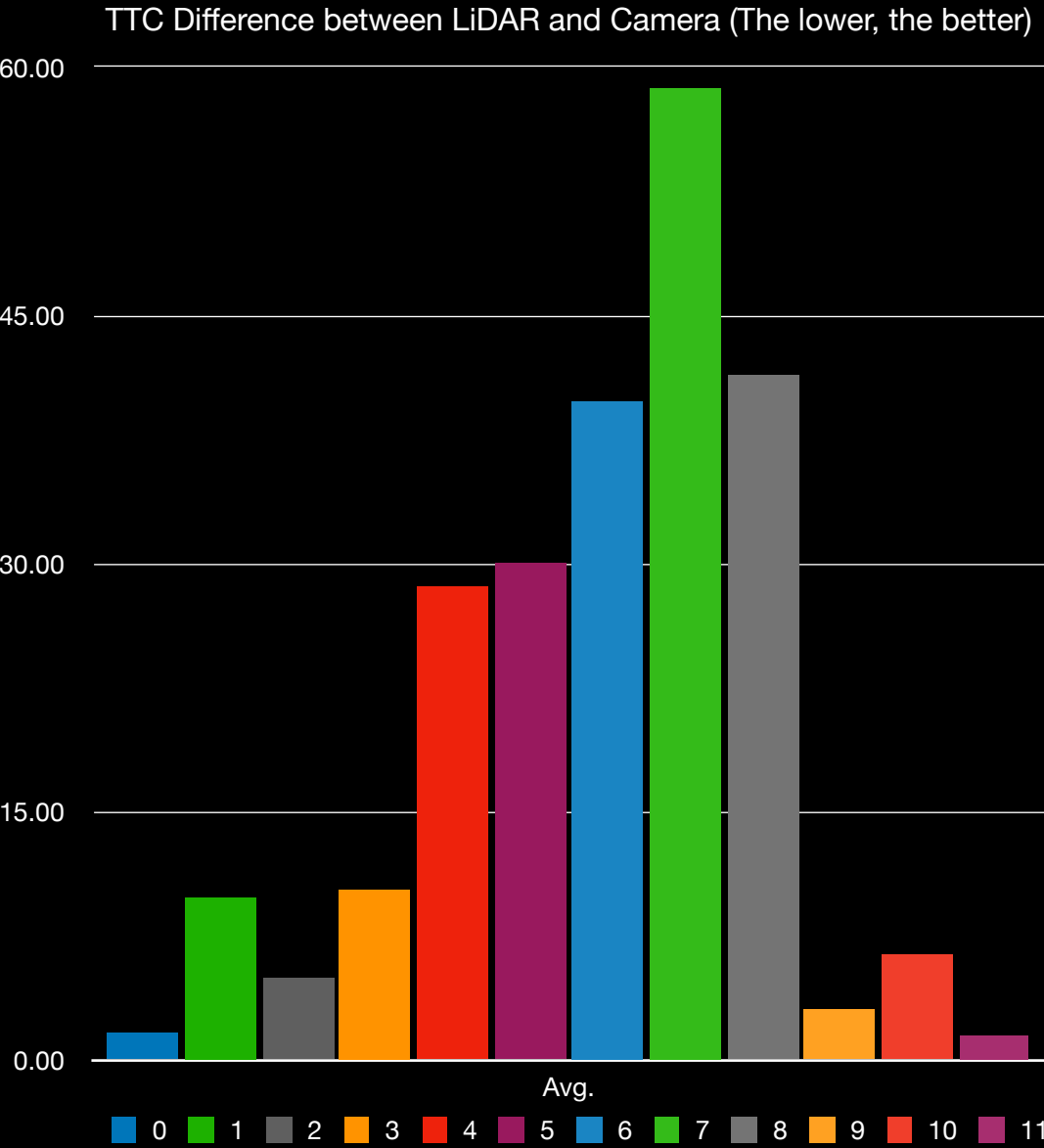


Combination's Id				TTC Camera													TTC Lidar	
id	Detector	Descriptor	Matcher	frame	0	1	2	3	4	5	6	7	8	9	10	11		Lidar
0	AKAZE	AKAZE	FLANN	1	12.51	15.71	13.41	12.98	100	13.61	43.09	15.15	10.61	17.04	0.07	12.36	1	12.97
1	BRISK	BRIEF	FLANN	2	14.21	14.25	29.26	30.10	46.03	100	100	100	-63.43	14.14	13.21	13.82	2	12.26
2	BRISK	BRISK	BF	3	13.29	13.34	14.40	14.89	14.46	19.06	16.58	26.90	12.61	15.09	30.21	13.93	3	13.92
3	BRISK	BRISK	FLANN	4	15.62	18.71	20.79	19.10	15.40	100	25.78	25.04	10.94	13.05	12.54	18.62	4	14.89
4	FAST	BRISK	BF	5	16.14	42.90	35.97	52.53	100	100	100	100	100	14.81	38.84	16.19	5	14.51
5	FAST	FREAK	BF	6	14.84	16.80	17.77	100	100	56.18	100	100	35.93	19.84	38.84	12.76	6	12.30
6	ORB	ORB	BF	7	16.34	19.02	24.69	19.44	100	100	100	100	100	20.92	14.26	14.28	7	11.63
7	ORB	ORB	FLANN	8	14.13	19.28	16.60	19.32	25.81	14.26	11.97	100	100	15.36	20.57	14.50	8	16.34
8	ORB	FREAK	FLANN	9	14.99	19.21	13.60	15.02	55.32	17.51	100	100	100	12.02	13.38	14.44	9	15.89
9	SHITOMASI	BRIEF	BF	10	12.28	15.71	14.76	14.94	33.98	21.72	100	113.41	100	19.26	19.92	11.31	10	9.86
10	SHITOMASI	BRISK	BF	11	12.58	12.21	14.27	13.64	22.82	31.16	9.20	9.74	9.23	11.96	12.19	11.33	11	14.99
11	SIFT	SIFT	FLANN	12	11.49	17.78	12.96	12.40	39.65	100	100	100	100	11.65	10.84	11.35	12	10.10
				13	11.38	12.46	12.98	12.99	12.14	12.23	10.42	19.56	6.90	12.49	12.87	8.90	13	9.22
				14	10.55	12.53	12.35	12.10	11.97	12.60	18.63	100	100	11.06	10.81	9.72	14	10.97
				15	10.21	13.98	12.54	13.30	13.61	12.46	11.74	100	12.52	9.81	7.73	9.36	15	8.09
				16	9.97	100	10.44	11.71	12.51	11.80	13.83	25.82	7.47	11.41	10.54	9.13	16	8.81
				17	9.05	9.34	9.06	9.74	12.70	11.56	14.80	100	14.01	11.94	11.23	8.41	17	10.29
				18	9.78	10.73	10.97	12.02	12.86	0.23	36.11	27.48	-0.10	7.51	8.01	8.31	18	8.31

TTC Difference between Lidar and Camera												
frame	0	1	2	3	4	5	6	7	8	9	10	11
1	0.46	2.74	0.44	0.01	87.03	0.63	30.12	2.18	2.37	4.07	12.90	0.62
2	1.95	1.98	17.00	17.84	33.77	87.74	87.74	87.74	75.69	1.87	0.95	1.56
3	0.63	0.58	0.48	0.97	0.54	5.14	2.67	12.99	1.31	1.17	16.30	0.02
4	0.73	3.82	5.91	4.22	0.51	85.11	10.90	10.16	3.94	1.83	2.34	3.74
5	1.63	28.40	21.46	38.02	85.49	85.49	85.49	85.49	85.49	0.31	24.34	1.69
6	2.54	4.50	5.47	87.70	87.70	43.88	87.70	87.70	23.63	7.54	26.54	0.46
7	4.71	7.39	13.05	7.81	88.37	88.37	88.37	88.37	88.37	9.29	2.62	2.65
8	2.21	2.94	0.26	2.98	9.47	2.08	4.37	83.66	83.66	0.98	4.23	1.84
9	0.90	3.32	2.29	0.87	39.43	1.62	84.11	84.11	84.11	3.87	2.51	1.45
10	2.42	5.85	4.90	5.08	24.12	11.86	90.14	103.55	90.14	9.40	10.06	1.45
11	2.41	2.78	0.71	1.35	7.83	16.17	5.79	5.24	5.76	3.03	2.80	3.66
12	1.39	7.68	2.86	2.30	29.55	89.90	89.90	89.90	89.90	1.55	0.74	1.25
13	2.16	3.24	3.76	3.76	2.92	3.01	1.20	10.34	2.32	3.27	3.65	0.32
14	0.41	1.57	1.38	1.13	1.00	1.63	7.66	89.03	89.03	0.09	0.16	1.25
15	2.12	5.89	4.45	5.21	5.51	4.37	3.64	91.91	4.43	1.72	0.36	1.26
16	1.16	91.19	1.63	2.90	3.70	2.99	5.02	17.01	1.35	2.60	1.72	0.32
17	1.24	0.95	1.23	0.55	2.41	1.27	4.51	89.71	3.71	1.65	0.94	1.88
18	1.47	2.42	2.66	3.71	4.55	8.08	27.80	19.17	8.41	0.80	0.30	0.00
	0	1	2	3	4	5	6	7	8	9	10	11
Avg.	1.70	9.85	5.00	10.36	28.55	29.96	39.84	58.79	41.31	3.06	6.30	1.41



Top 3 Combinations				
Rank	id	Detector	Descriptor	Matcher
1	11	SIFT	SIFT	FLANN
2	0	AKAZE	AKAZE	FLANN
3	9	SHITOMASI	BRIEF	BF