

MP7 - Performance Evaluation 1

Count the number of keypoints on the preceding vehicle for all 10 images and take note of the distribution of their neighborhood size. Do this for all the detectors you have implemented.

Number of keypoints detected for each of the feature detectors.

	Detectors (Neighborhood size) (computation time)						
Images	Shi-Tomasi (6) 9-11ms	Harris (6) 7-16ms	FAST (7) 0.57-2.42ms	BRISK (8-72) 28ms	ORB (31-111) 5-17ms	AKAZE (5-22) 39-47ms	SIFT (2-24) 65-80ms
1	80	17	149	264	92	166	138
2	83	14	152	282	102	157	132
3	82	18	150	282	106	161	124
4	81	21	155	277	113	155	137
5	75	26	149	297	109	163	134
6	74	43	149	279	125	164	140
7	76	18	156	289	130	173	137
8	78	31	150	272	129	175	148
9	74	26	138	266	127	177	159
10	79	34	143	254	128	179	137