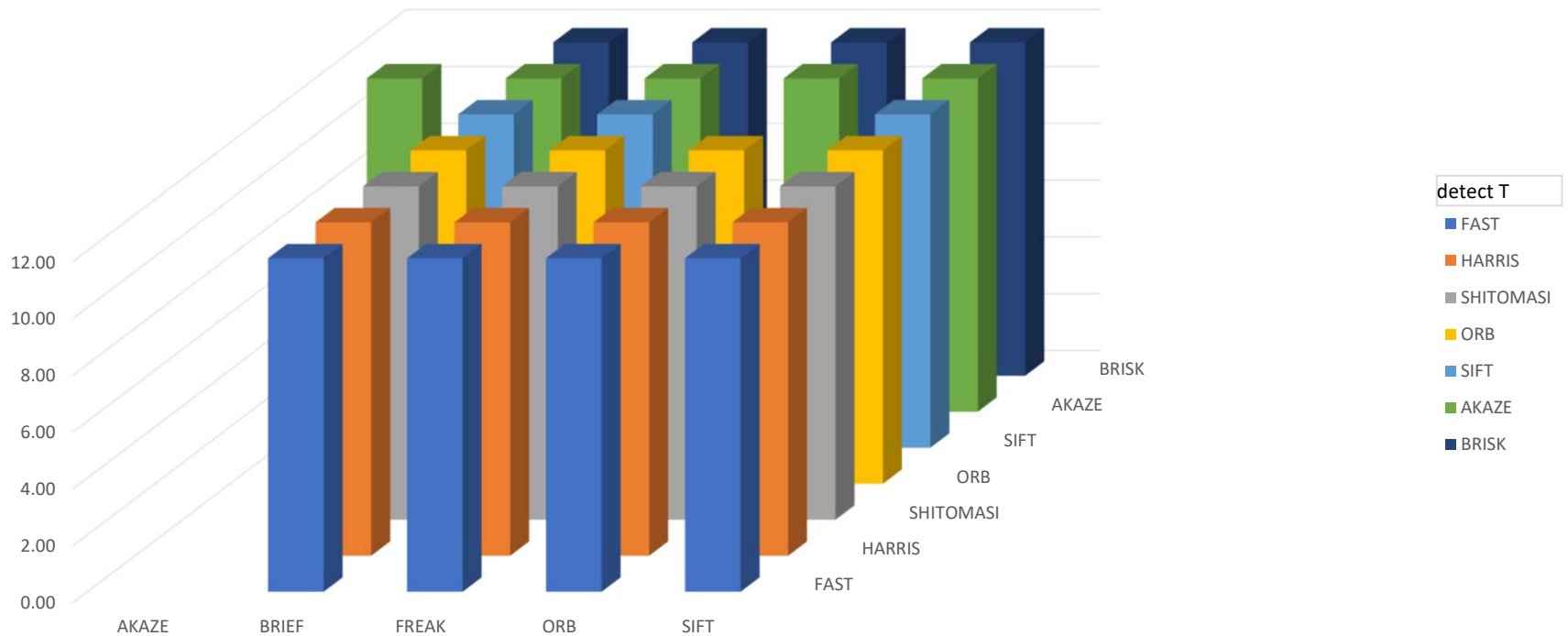


TTC LIDAR

Detectors

Average of ttc_lidar	Column Labels							
Descriptors	FAST	HARRIS	SHITOMASI	ORB	SIFT	AKAZE	BRISK	Grand Total
AKAZE						11.73		11.73
BRIEF	11.73	11.73	11.73	11.73	11.73	11.73	11.73	11.73
FREAK	11.73	11.73	11.73	11.73	11.73	11.73	11.73	11.73
ORB	11.73	11.73	11.73	11.73		11.73	11.73	11.73
SIFT	11.73	11.73	11.73	11.73	11.73	11.73	11.73	11.73
Grand Total	11.73	11.73	11.73	11.73	11.73	11.73	11.73	11.73

Average of ttc_lidar



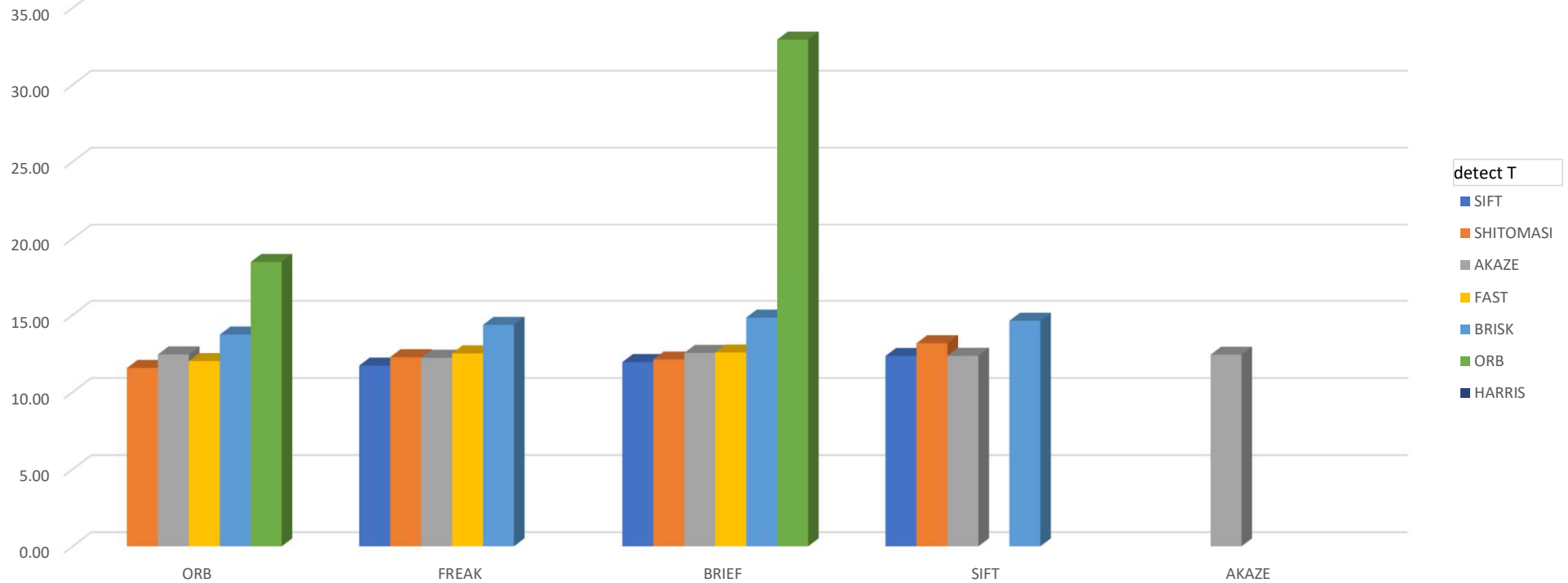
descr T

TTC CAMERA

Detectors

Average of ttc_camera		Column Labels						
Descriptors	SIFT	SHITOMASI	AKAZE	FAST	BRISK	ORB	HARRIS	Grand Total
ORB		11.56	12.43	12.00	13.72	18.49	#NAME?	#NAME?
FREAK	11.71	12.26	12.23	12.51	14.35	#NAME?	#NAME?	#NAME?
BRIEF	11.94	12.11	12.53	12.56	14.82	32.93	#NAME?	#NAME?
SIFT	12.34	13.16	12.35	#NAME?	14.62	#NAME?	#NAME?	#NAME?
AKAZE			12.42					12.42
Grand Total	12.00	12.27	12.39	#NAME?	14.38	#NAME?	#NAME?	#NAME?

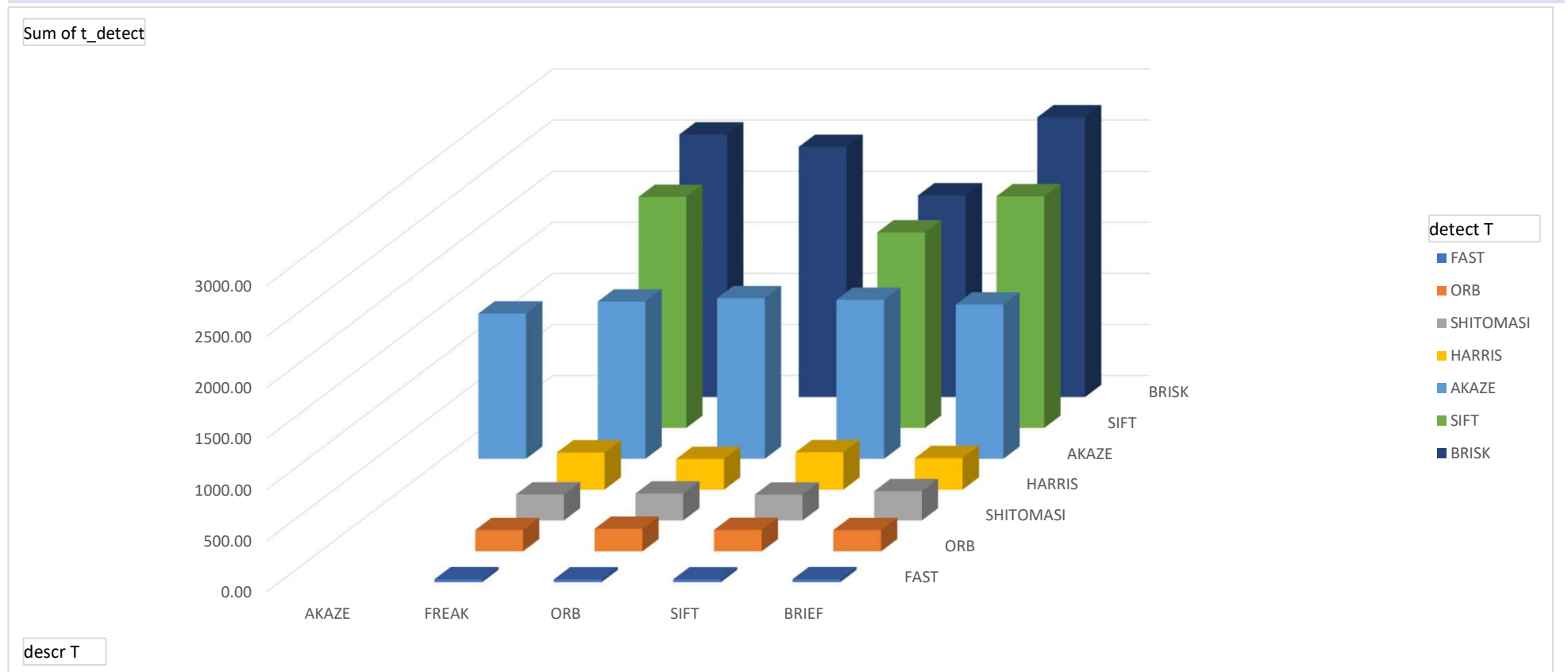
Average of ttc_camera



descr T

DETECT TIME

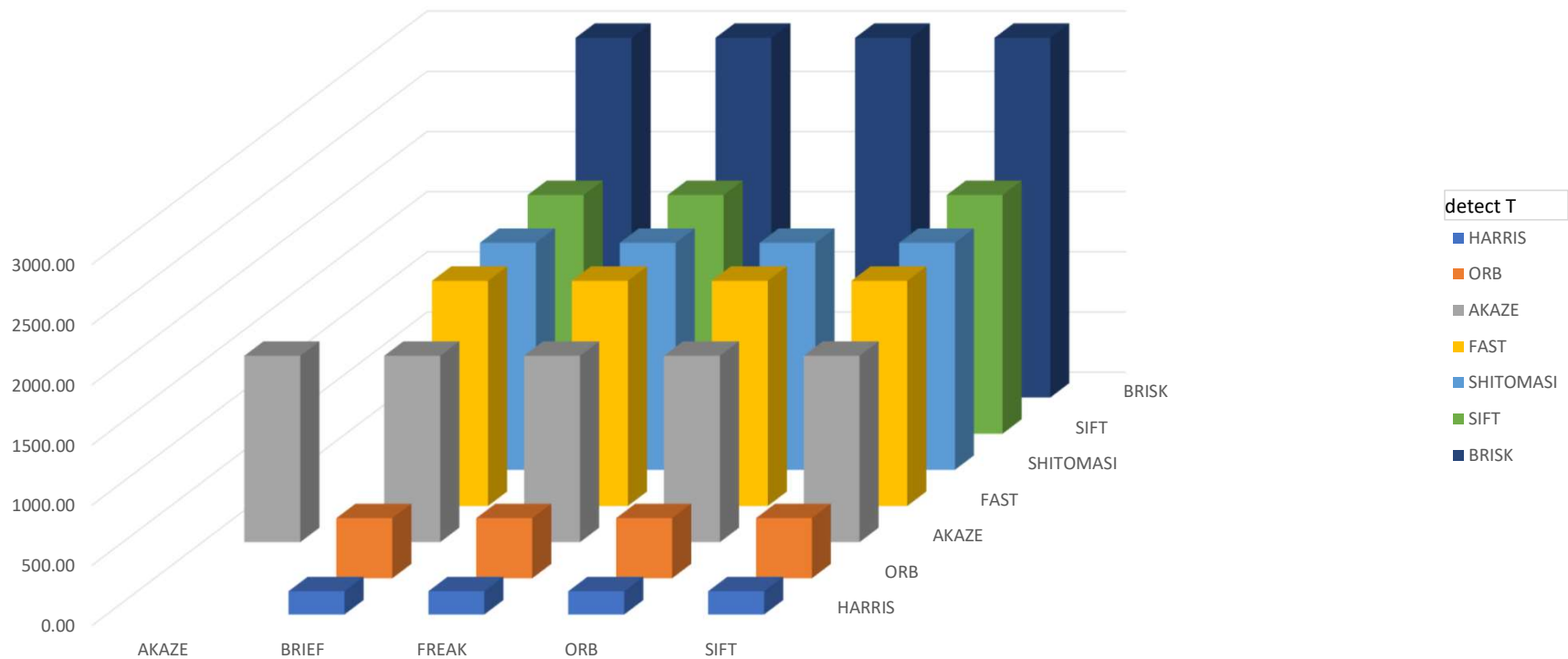
Detectors								
Sum of t_detect	Column Labels							
Descriptors	FAST	ORB	SHITOMASI	HARRIS	AKAZE	SIFT	BRISK	Grand Total
AKAZE					1422.79			1422.79
FREAK	29.12	208.80	254.73	364.24	1540.49	2261.95	2570.18	7229.52
ORB	27.23	220.89	263.99	300.47	1572.61		2448.50	4833.69
SIFT	27.56	209.48	253.62	366.63	1557.21	1914.30	1974.23	6303.02
BRIEF	28.63	208.21	287.43	308.85	1511.11	2268.30	2738.32	7350.84
Grand Total	112.54	847.38	1059.77	1340.20	7604.21	6444.55	9731.23	27139.88



KEYPOINT COUNT

Detectors								
Average of keypoints	Column Labels							
Descriptors	HARRIS	ORB	AKAZE	FAST	SHITOMASI	SIFT	BRISK	Grand Total
AKAZE			1548.00					1548.00
BRIEF	192.94	500.00	1548.00	1870.56	1885.78	1982.94	2988.06	1566.90
FREAK	192.94	500.00	1548.00	1870.56	1885.78	1982.94	2988.06	1566.90
ORB	192.94	500.00	1548.00	1870.56	1885.78		2988.06	1497.56
SIFT	192.94	500.00	1548.00	1870.56	1885.78	1982.94	2988.06	1566.90
Grand Total	192.94	500.00	1548.00	1870.56	1885.78	1982.94	2988.06	1551.36

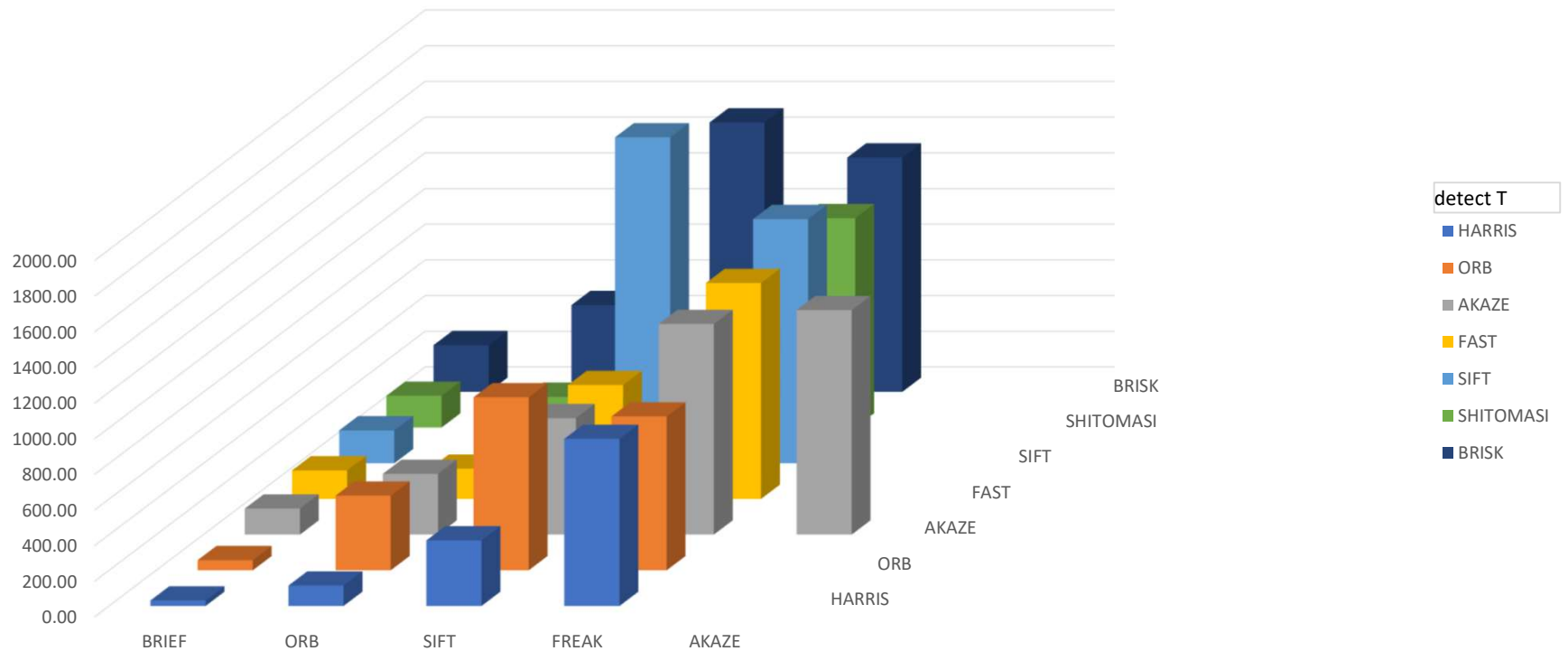
Average of keypoints



EXTRACT TIME

Detectors								
Sum of t_extract	Column Labels							
Descriptors	HARRIS	ORB	AKAZE	FAST	SIFT	SHITOMASI	BRISK	Grand Total
BRIEF	30.83	57.00	146.22	159.97	184.55	178.13	262.53	1019.23
ORB	114.42	419.22	340.93	170.00		172.64	487.46	1704.67
SIFT	368.03	971.50	654.11	639.43	1827.87	481.47	1510.04	6452.45
FREAK	938.30	863.74	1182.78	1211.51	1369.44	1174.28	1313.68	8053.72
AKAZE			1260.19					1260.19
Grand Total	1451.58	2311.45	3584.23	2180.91	3381.86	2006.51	3573.71	18490.26

Sum of t_extract

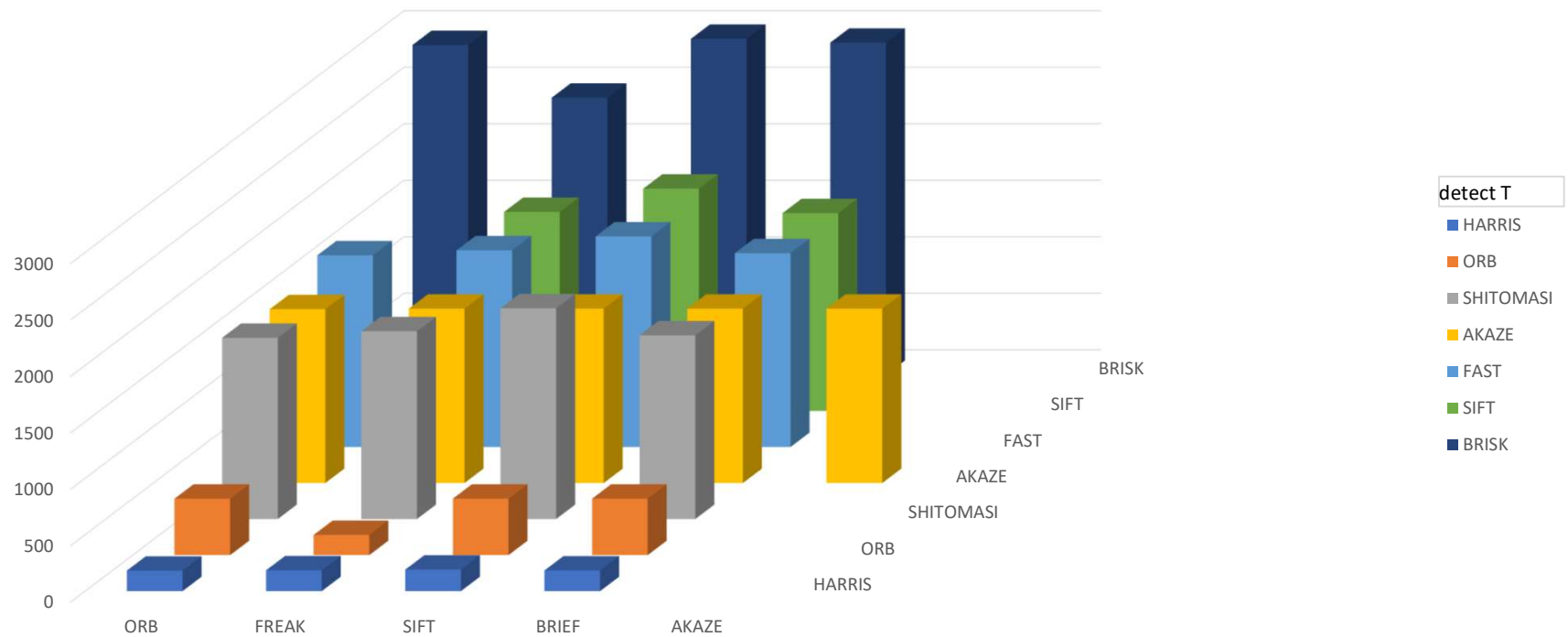


descr T

MATCH COUNT

Detectors								
Average of matches	Column Labels							
Descriptors	HARRIS	ORB	SHITOMASI	AKAZE	FAST	SIFT	BRISK	Grand Total
ORB	182	500	1606	1540	1698		2920	1407
FREAK	185	179	1664	1545	1742	1762	2453	1361
SIFT	191	500	1867	1545	1865	1968	2974	1559
BRIEF	183	500	1628	1545	1717	1751	2940	1466
AKAZE				1545				1545
Grand Total	185	420	1691	1544	1755	1827	2822	1453

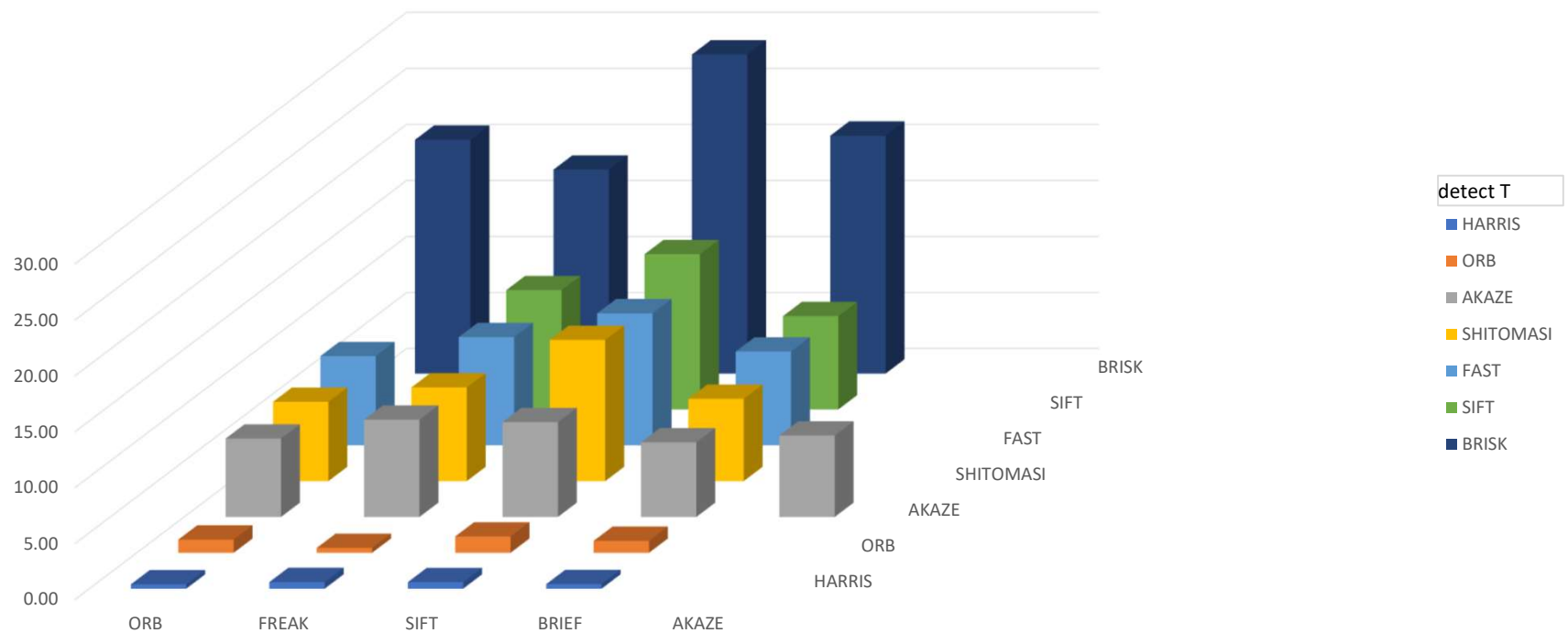
Average of matches



MATCH TIME

Detectors								
Average of t_match	Column Labels							
Descriptors	HARRIS	ORB	AKAZE	SHITOMASI	FAST	SIFT	BRISK	Grand Total
ORB	0.39	1.18	7.01	7.09	7.97		20.87	7.42
FREAK	0.59	0.44	8.69	8.38	9.67	10.66	18.21	8.09
SIFT	0.58	1.46	8.48	12.63	11.80	13.87	28.48	11.04
BRIEF	0.41	1.07	6.67	7.36	8.38	8.35	21.23	7.64
AKAZE			7.28					7.28
Grand Total	0.49	1.04	7.63	8.86	9.46	10.96	22.20	8.54

Average of t_match



descr T

TOTAL TIME

Detectors

Average of t total

Column Labels

Descriptors	FAST	HARRIS	SHITOMASI	ORB	AKAZE	SIFT	BRISK	Grand Total
BRIEF	18.86	19.28	33.22	15.80	98.74	144.61	187.95	74.07
ORB	18.93	23.44	31.35	36.74	113.32		183.98	67.96
SIFT	48.85	41.40	53.46	67.07	131.33	221.77	222.05	112.28
FREAK	78.60	72.95	87.77	60.02	159.99	212.40	233.98	129.39
AKAZE					156.33			156.33
Grand Total	41.31	39.27	51.45	44.91	131.94	192.93	206.99	99.08

Average of t total

