Detector+descriptor performance across datasets

methods	total score [%]	zoom score [%]	blur score [%]	rot score [%]	angle score [%]	light score [%]	res score [%]
Harris -> BRIEF	4.05431356598	6.86512654059	2.23291451403	2.63688122715	4.19882173397	11.7037347792	3.10308145705
Harris -> SIFT	29.7622742945	27.0646627902	97.5790644997	27.576443051	25.9581806701	99.5088118226	99.9637065765
Harris -> SURF	59.4394824738	23.0710961865	98.2655946183	85.0485686715	42.9058700719	99.5323143829	99.9591154192
Harris -> ORB	5.37096370409	5.67409357532	1.16377938495	6.32173124809	2.77032761143	12.8810223282	1.82603414528
GFTT -> BRIEF	6.43199953302	7.51090289508	1.69520169516	6.77915167837	8.46372020555	12.6819673987	2.19578887859
GFTT -> SIFT	27.7807429007	29.191585966	97.4207347129	23.4443874634	27.9751659357	99.4893949021	99.8226399735
GFTT -> SURF	57.4769665076	26.0888270194	98.8947148506	84.5515815258	36.2100941568	99.5255322823	79.9576962276
GFTT -> ORB	5.04121417234	4.53588071029	1.39862660369	6.54423487804	3.15827072157	9.48941137737	1.53930993836
SIFT -> BRIEF	5.1237397768	5.03772341339	1.44723546379	5.99482810029	4.0631153827	4.80368325188	3.04927688559
SIFT -> SIFT	74.5493611324	60.9726318133	99.4844367668	88.7550366801	57.1632003903	99.5192890609	99.8971243468
SIFT -> SURF	44.1677466576	27.3274166047	0.98461675785	70.251691882	23.613199904	79.1816004219	37.3708115227
SIFT -> ORB	5.24797491277	6.18506322416	1.40772947926	6.28391998146	2.4863791337	3.46154890505	3.43904411557
SURF -> BRIEF	5.41357916856	5.82512512315	2.71135549841	6.39654748631	4.89966238421	3.64088567577	3.89026526375
SURF -> SIFT	72.5042856516	61.2621602628	99.6425435177	87.393172758	49.1956215145	99.514877215	99.9851115797
SURF -> SURF	69.153985497	51.0442838441	99.6156161055	87.9793012307	45.6707462697	99.5148777078	99.8007373097
SURF -> ORB	4.96438204006	4.52294793089	1.52627723646	6.35430120883	3.20740701996	2.40477528646	5.95556011467
FAST -> BRIEF	4.67653480113	3.9495593352	2.28143614009	5.90911866958	2.55751015118	3.60265892824	2.24565454251
FAST -> SIFT	32.2380110006	26.3390619193	49.8465573948	32.9607855014	38.6396321968	99.5281164013	99.963316256
FAST -> SURF	47.8340473527	11.2315395693	1.33370261350	77.9793584326	31.2221777712	99.4246152129	60.6840789623
FAST -> ORB	5.92583047093	3.84407342479	0.7390806642	6.36390347165	5.79893021633	22.1700648451	5.96283025419
MSER -> BRIEF	10.1854632258	14.4471728129	1.39986345654	11.2904738434	3.99189406059	0.911387790741	40.0059281749
MSER -> SIFT	38.9116591141	50.4474510696	99.8043642332	33.4066692449	41.0451905564	99.6854823463	99.9947570186
MSER -> SURF	69.3250414002	45.255336643	99.6403140672	83.9194453786	53.9150221243	99.5898226286	99.9902744215
MSER -> ORB	9.8644639787	12.012828805	1.12246034686	9.32051484304	8.57850557393	39.5806940747	22.3282267061
ORB -> BRIEF	58.4199938066	21.8012797025	99.7570262232	85.5593730413	38.6896949735	99.5235805304	99.9976163536
ORB -> SIFT	64.273585055	35.0668339399	99.5356815913	87.0550263202	42.8233020646	99.4610765889	99.9575219262
ORB -> SURF	71.8295412997	50.631860281	98.412324275	88.9218700695	53.1809359989	99.5253731244	99.9975699158
ORB -> ORB	5.11194275947	3.92114401559	1.32147786519	6.3184045972	2.56047094779	9.67337037934	2.15342161764