

Table 2: Impact of grouping on localization of selected properties

Name	# LOC Targets	Verification Time (secs)					Number of Groups			Grouping Time (secs)				
		One-by-one	Level-1	Level-2	Level-3	Random	Level-1	Level-2	Level-3	SCC	Level-1	Level-2	Level-3	Overall
6s384	51	187.21	143.76	143.76	42.63	154.3206	28	28	2	0	2.5E-05	0.000166	4.7E-05	0.000238
6s276	52	4.76	4.23	4.23	3.87	13.5837	40	40	29	0	3.6E-05	0	4.2E-05	0.000078
6s277	52	5.18	4.76	4.76	4.03	10.1556	39	39	29	0	4E-05	0	6.2E-05	0.000102
6s305	65	2804.41	2219.34	2219.34	1452.89	4591.1324	46	46	26	0	2.7E-05	0.000183	4.8E-05	0.000258
bobpci215	66	12.43	11.35	11.35	8.65	22.7495	58	58	25	0	4.8E-05	0.000214	7.2E-05	0.000334
6s421	87	23.37	19.42	19.42	19.42	60.0078	60	60	60	0	8.3E-05	0	6E-05	0.000143
6s118	98	9.47	9.47	9.47	8.34	13.0104	98	98	83	0	0.000158	0.00035	0.00012	0.000628
eijkbs3330	101	513.31	367.12	367.12	183.65	446.2695	51	51	21	0	3.6E-05	0.000147	5.7E-05	0.00024
6s361	101	2218.32	1734.92	337.45	337.45	921.2385	52	4	4	0.03	8.1E-05	0.000712	1.9E-05	0.030812
6s353	115	7127.65	2841.76	2841.76	2334.76	5930.2904	39	39	24	0.07	0.000117	0.001415	0.000106	0.071638
6s139	120	2458.78	912.45	912.45	897.25	1570.1875	54	54	53	0.05	0.000144	0.000972	0.000167	0.051283
6s114	138	4886.48	2871.22	973.45	973.45	3533.6235	69	3	3	0.03	0.000107	0.000645	3.7E-05	0.030789
6s391	144	245.53	98.75	98.75	73.14	250.1388	40	40	30	0.01	0.000117	0.000205	1E-04	0.010422
6s332	163	11048.42	6194.84	5995.66	5938.16	21555.5208	83	80	77	3.44	0.000743	0.004711	0.000653	3.446107
6s409	184	26352.05	4554.49	4554.49	4554.49	9063.4351	4	4	4	0.02	4.6E-05	0.000545	1.8E-05	0.020609
6s110	186	914.31	523.78	523.78	165.32	517.4516	75	75	15	0	0.000103	0.000187	0.000114	0.000404
6s344	247	71436.32	18361.47	18361.47	8764.35	13847.673	34	34	12	0	7E-05	0.000211	8.2E-05	0.000363
6s117	248	7623.56	4332.72	1462.66	1462.66	1799.0718	72	6	6	0.05	0.000179	0.00046	3E-05	0.050669
6s407	321	34532.66	1367.33	1194.55	1194.55	3069.9935	14	9	9	0.03	0.000153	0.000888	2.8E-05	0.031069
6s413	424	3097.04	2167.34	2167.34	1247.23	2993.352	252	252	126	0.02	0.000317	0.000254	0.000531	0.021102
6s405	593	10893.62	4415.08	3922.93	3922.93	13024.1276	16	13	13	0.03	0.000148	0.001973	3.4E-05	0.032155
6s410	735	32810.32	2454.13	2454.13	2454.13	8540.3724	15	15	15	0.06	0.000491	0.0009	6.8E-05	0.061459
6s403	937	8633.19	1203.61	1156.39	1156.39	1341.4124	133	132	132	0.16	0.001003	0.000765	0.000318	0.162086
6s408	940	11088.4	5184.4	3926.98	3926.98	5497.772	261	21	21	0.13	0.000818	0.000652	4E-05	0.13151