

FAILED QUERIES

Baseline partitioned

benchmark	query	mean_duration	std_dev
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Dictionary block partitioned

benchmark	query	mean_duration	std_dev
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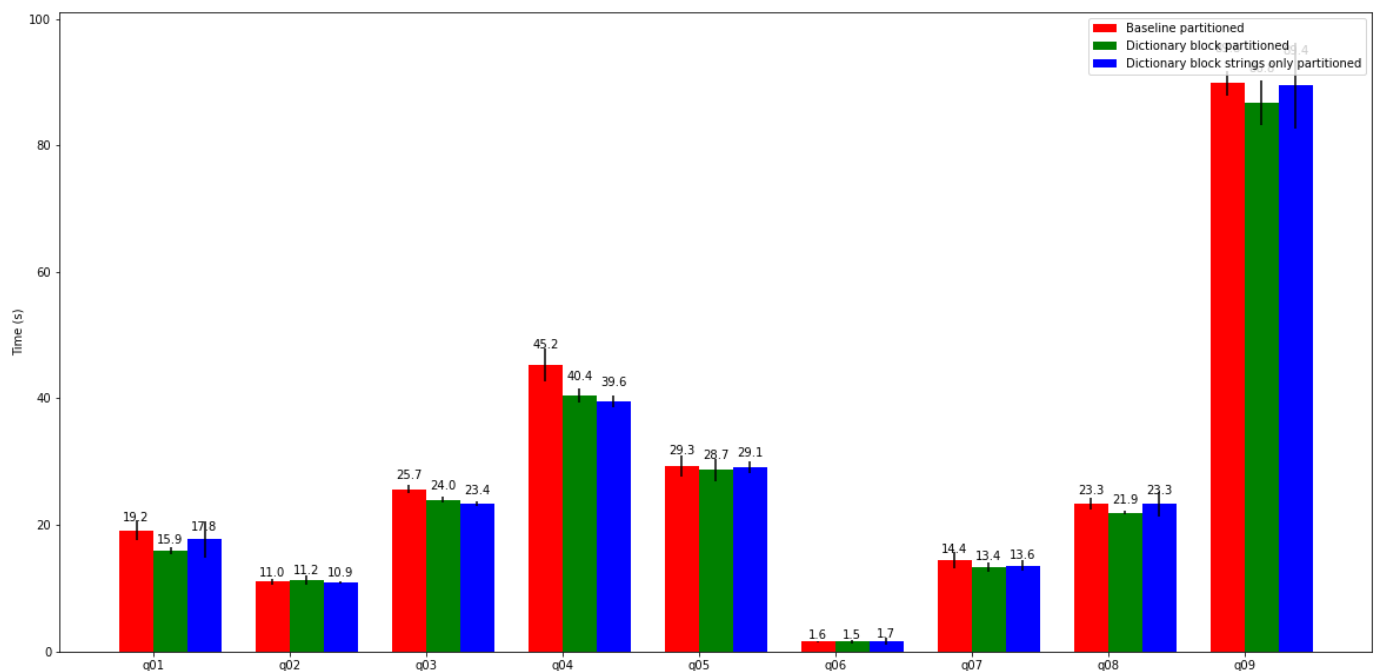
Dictionary block strings only partitioned

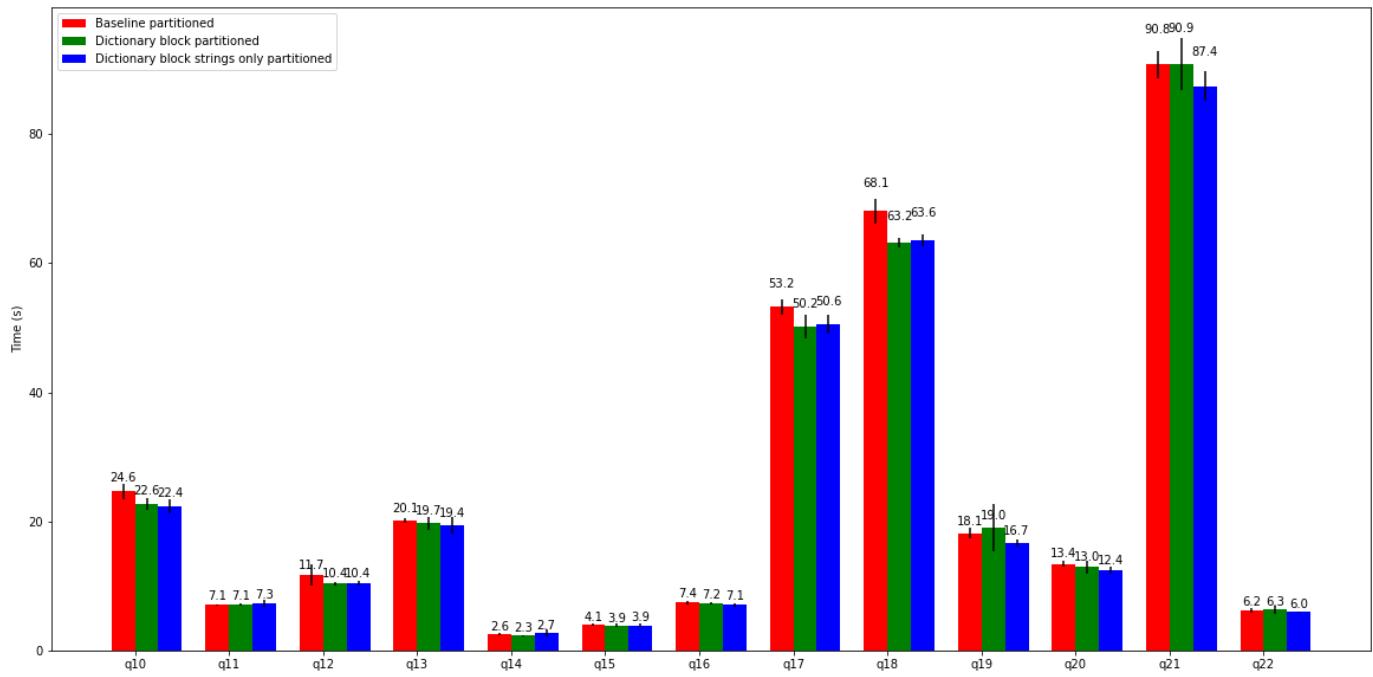
benchmark	query	mean_duration	std_dev
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SUMMARY

	label	TPCH wall time	TPC-DS wall time	TPCH CPU time	TPC-DS CPU time	TPCH physicalInputDataSize	TPCH physicalInput
0	Baseline partitioned	586.945833	884.963167	51331.200000	86827.967000	1.287 TiB	
1	Dictionary block partitioned	559.783500	884.288500	49109.500000	87584.808167	1.287 TiB	
2	Dictionary block strings only partitioned	558.531000	863.761000	48413.800000	85410.436833	1.287 TiB	

TPC-H Comparison (DURATION)

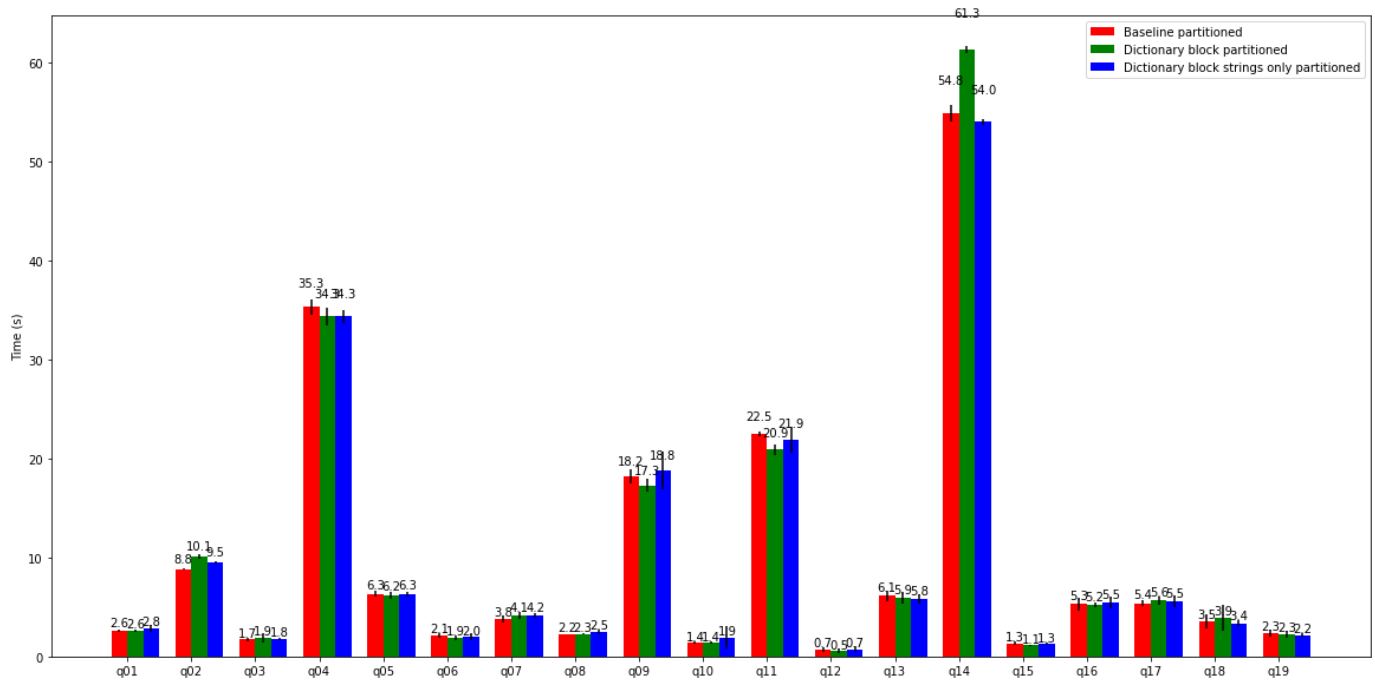


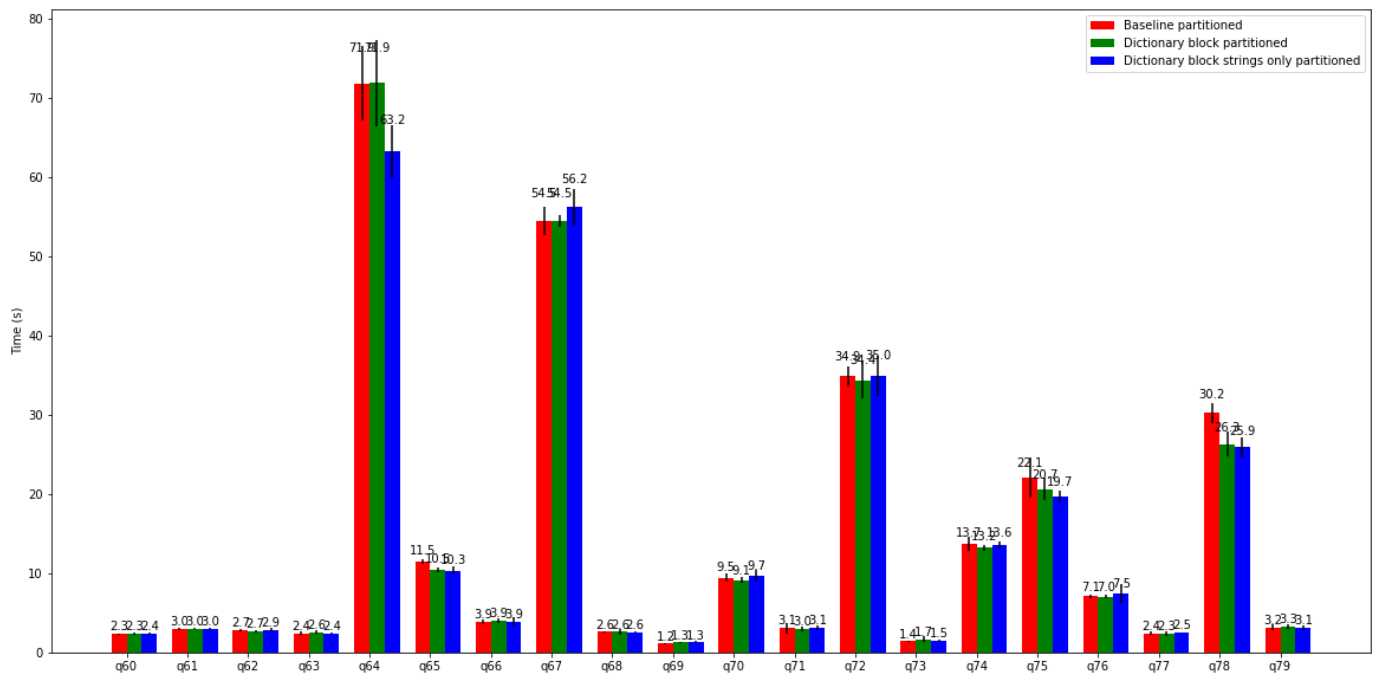
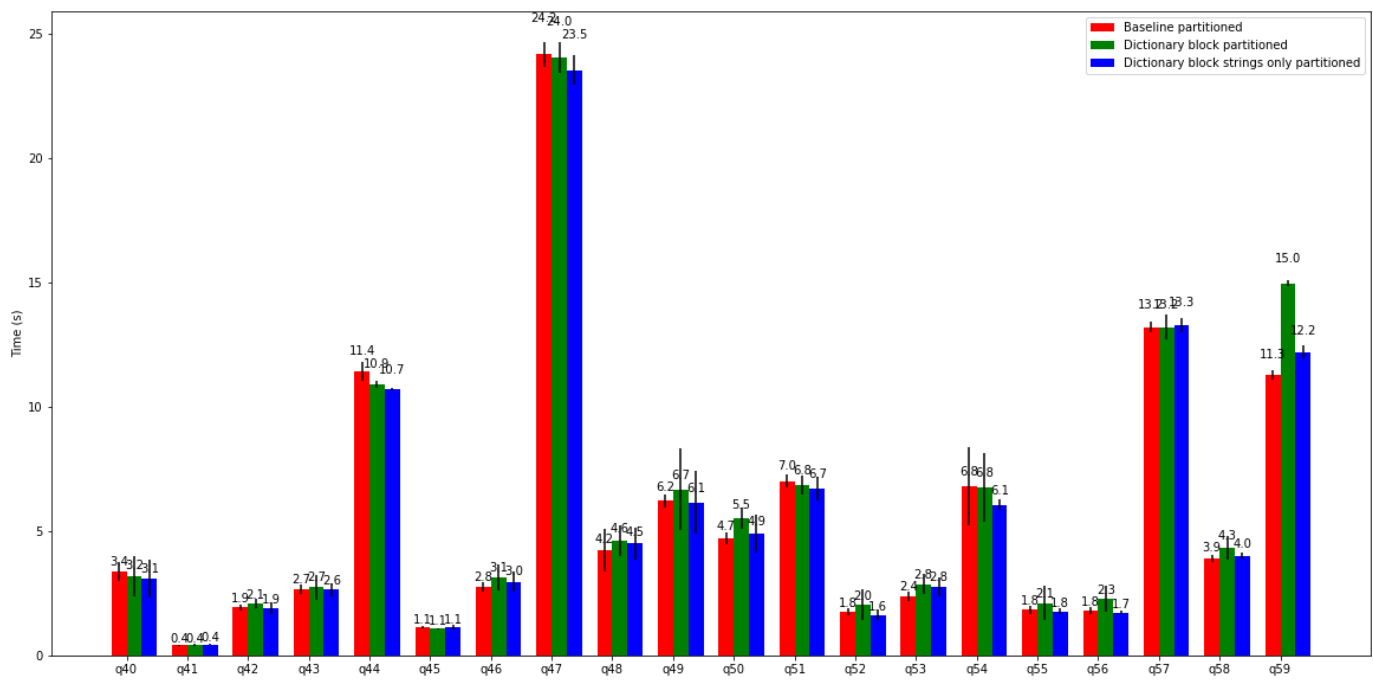
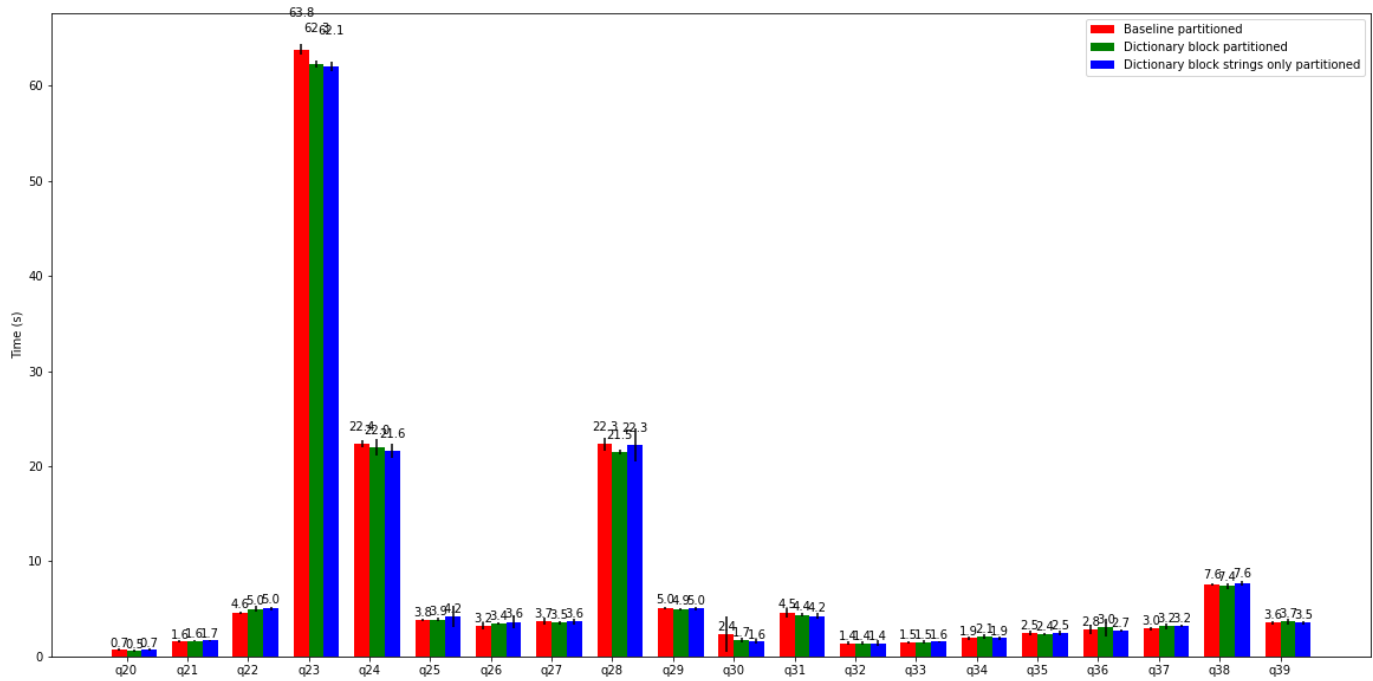


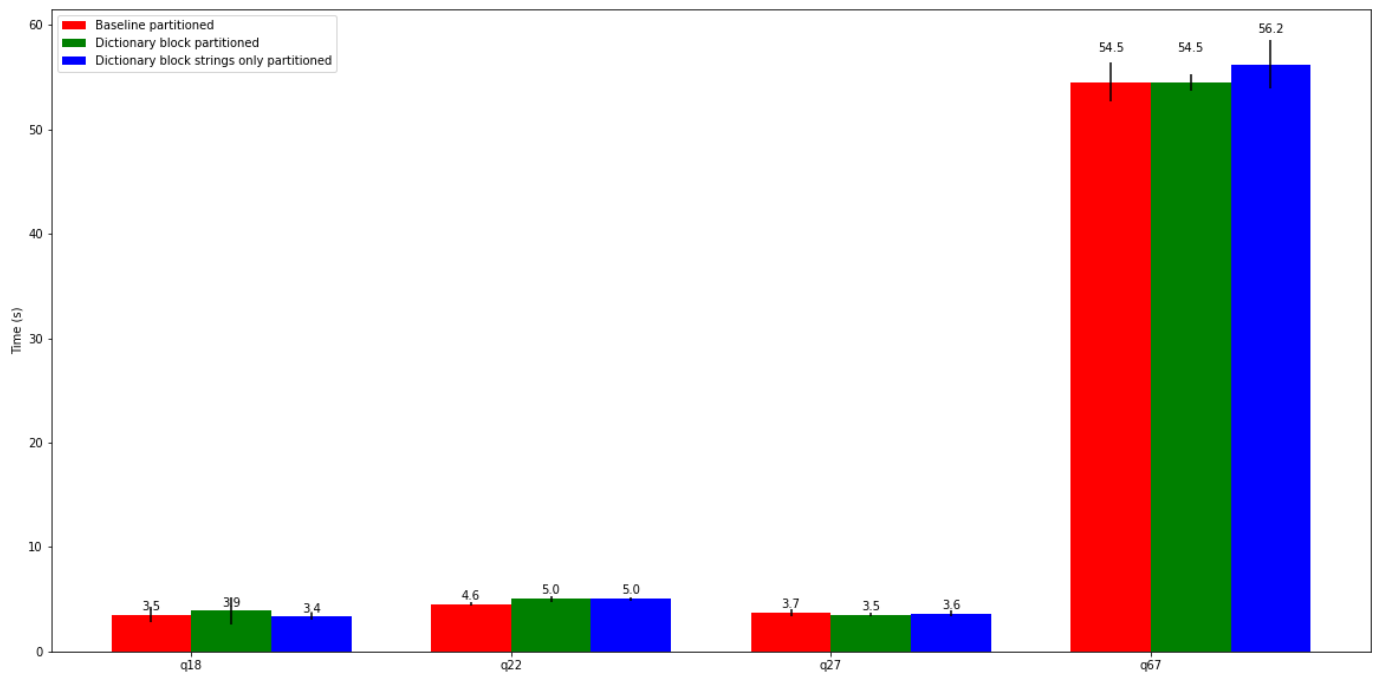
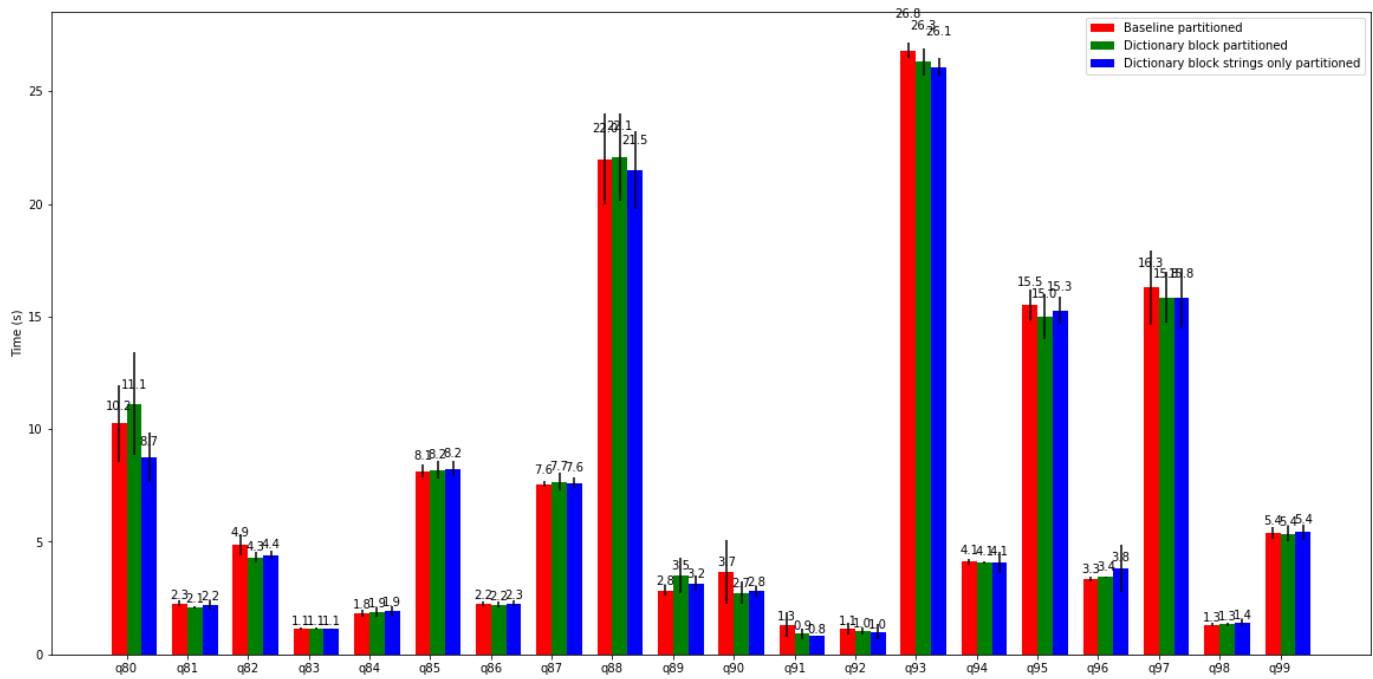
	query	Baseline partitioned mean	Baseline partitioned std.dev	Dictionary block partitioned mean	Dictionary block partitioned std.dev	Dictionary block strings only partitioned mean	Dictionary block strings only partitioned std.dev
0	presto/tpch: q01	19.172167	1.618687	15.913000	0.593025	17.774500	2.888164
1	presto/tpch: q02	11.021500	0.489429	11.241000	0.750363	10.917833	0.118397
2	presto/tpch: q03	25.650833	0.625226	24.013500	0.439693	23.390667	0.323019
3	presto/tpch: q04	45.247167	2.602452	40.430167	1.102196	39.565833	0.982883
4	presto/tpch: q05	29.349500	1.663470	28.669500	1.762736	29.069667	0.914383
5	presto/tpch: q06	1.595833	0.089215	1.545167	0.195724	1.689333	0.591580
6	presto/tpch: q07	14.413333	1.283063	13.395333	0.745719	13.592667	0.828794
7	presto/tpch: q08	23.346000	0.938574	21.939167	0.314702	23.302500	2.001455
8	presto/tpch: q09	89.788000	1.953139	86.768500	3.558956	89.438167	6.741291
9	presto/tpch: q10	24.633333	1.147119	22.637167	0.885756	22.379167	1.113945
10	presto/tpch: q11	7.059000	0.077372	7.114000	0.162427	7.275000	0.491477
11	presto/tpch: q12	11.682167	1.675500	10.355833	0.293662	10.430000	0.390456
12	presto/tpch: q13	20.119000	0.372376	19.748500	1.012453	19.365833	1.283562
13	presto/tpch: q14	2.562833	0.194305	2.340167	0.095838	2.710667	0.462511
14	presto/tpch: q15	4.055167	0.158144	3.850833	0.246434	3.903167	0.216024
15	presto/tpch: q16	7.447667	0.248043	7.241833	0.162908	7.071500	0.245948

	query	Baseline partitioned mean	Baseline partitioned std.dev	Dictionary block partitioned mean	Dictionary block partitioned std.dev	Dictionary block strings only partitioned mean	Dictionary block strings only partitioned std.dev
16	presto/tpch: q17	53.209333	1.237139	50.215833	1.828545	50.583167	1.454316
17	presto/tpch: q18	68.059500	1.980266	63.226500	0.770369	63.616000	0.919559
18	presto/tpch: q19	18.134833	0.848854	19.006667	3.642746	16.675833	0.532421
19	presto/tpch: q20	13.421833	0.417520	12.958000	1.002090	12.392667	0.546172
20	presto/tpch: q21	90.772000	2.119109	90.868833	4.003899	87.413333	2.322842
21	presto/tpch: q22	6.204833	0.373709	6.304000	0.690641	5.973500	0.099561

TPC-DS Comparison (DURATION)







query	Baseline partitioned mean	Baseline partitioned std.dev	Dictionary block partitioned mean	Dictionary block partitioned std.dev	Dictionary block strings only partitioned mean	Dictionary block strings only partitioned std.dev
0 presto/tpcds: q01	2.638167	0.134877	2.586667	0.164942	2.829333	0.389002
1 presto/tpcds: q02	8.832833	0.081012	10.118167	0.272579	9.522000	0.088501
2 presto/tpcds: q03	1.705333	0.210516	1.861500	0.505298	1.783833	0.147557
3 presto/tpcds: q04	35.286000	0.738591	34.326167	0.899980	34.324833	0.648651
4 presto/tpcds: q05	6.325667	0.281409	6.162167	0.338189	6.283333	0.179764
5 presto/tpcds: q06	2.096333	0.233398	1.863333	0.254403	1.954167	0.360468
6 presto/tpcds: q07	3.764167	0.382816	4.126167	0.325882	4.181500	0.235301

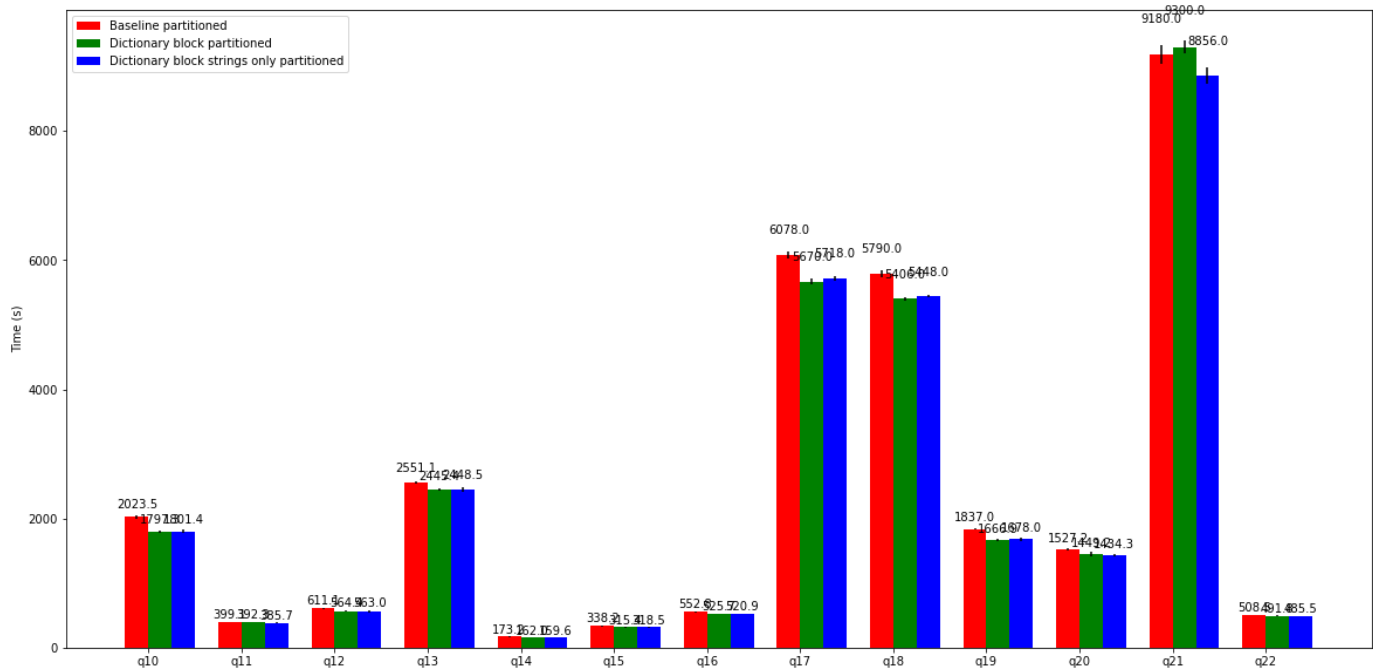
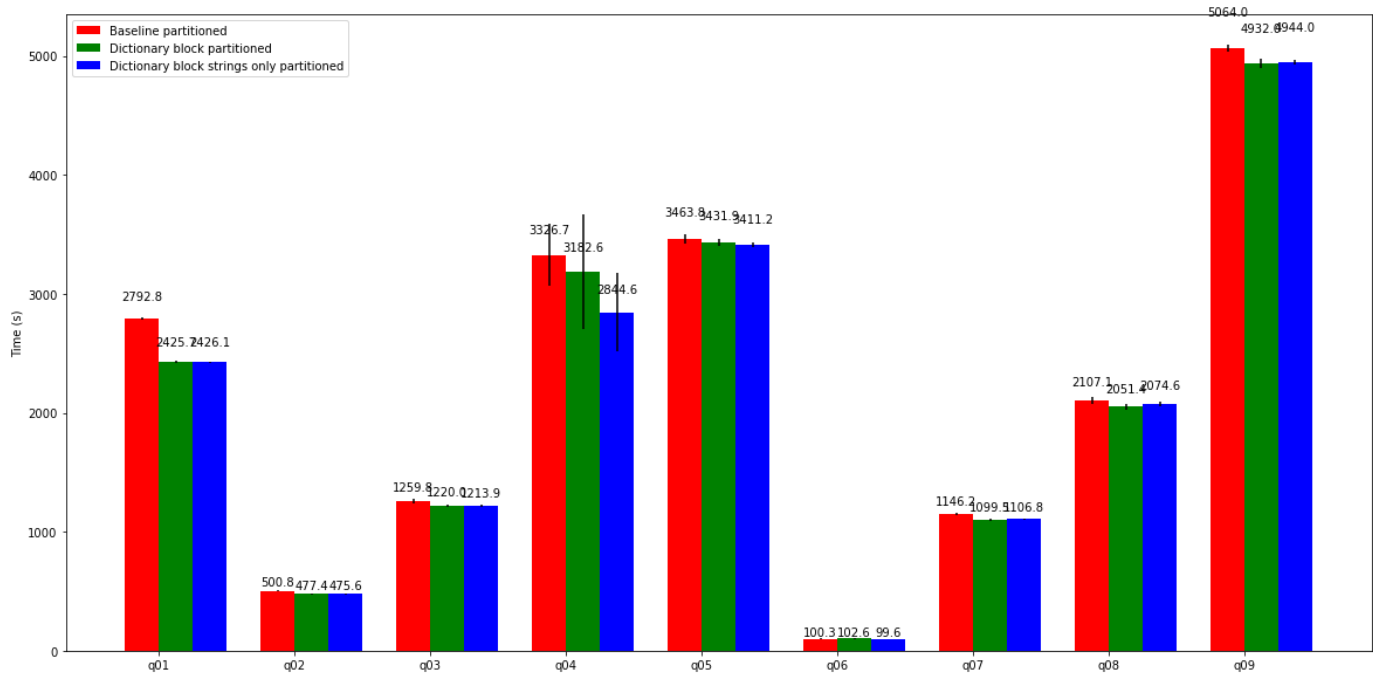
	query	Baseline partitioned mean	Baseline partitioned std.dev	Dictionary block partitioned mean	Dictionary block partitioned std.dev	Dictionary block strings only partitioned mean	Dictionary block strings only partitioned std.dev
7	presto/tpcds: q08	2.219333	0.039368	2.289167	0.084198	2.483000	0.206500
8	presto/tpcds: q09	18.199833	0.694505	17.262167	0.651131	18.802333	1.865417
9	presto/tpcds: q10	1.389000	0.152145	1.384500	0.091875	1.913500	1.110543
10	presto/tpcds: q11	22.505167	0.249778	20.892667	0.511040	21.881000	1.291304
11	presto/tpcds: q12	0.721333	0.265532	0.543333	0.241176	0.740833	0.333176
12	presto/tpcds: q13	6.129833	0.505343	5.904500	0.558896	5.808500	0.522991
13	presto/tpcds: q14	54.796333	0.841947	61.276833	0.343692	53.956667	0.289309
14	presto/tpcds: q15	1.314667	0.189545	1.107000	0.064109	1.267667	0.122886
15	presto/tpcds: q16	5.324500	0.655081	5.196333	0.246334	5.461500	0.552251
16	presto/tpcds: q17	5.366500	0.316748	5.642500	0.383917	5.549000	0.616362
17	presto/tpcds: q18	3.525000	0.694319	3.884500	1.327369	3.357833	0.314052
18	presto/tpcds: q19	2.349167	0.405634	2.262333	0.335916	2.151667	0.198051
19	presto/tpcds: q20	0.704667	0.164960	0.545500	0.114371	0.705667	0.129516
20	presto/tpcds: q21	1.570833	0.154406	1.637000	0.075339	1.676333	0.095339
21	presto/tpcds: q22	4.552500	0.156914	5.009667	0.260168	5.024500	0.186557
22	presto/tpcds: q23	63.800667	0.583151	62.295000	0.406779	62.076000	0.495327
23	presto/tpcds: q24	22.375833	0.345722	21.961833	0.868778	21.622167	0.693258
24	presto/tpcds: q25	3.834167	0.134002	3.891500	0.198745	4.188333	1.112521
25	presto/tpcds: q26	3.216667	0.345458	3.445500	0.113835	3.634000	0.708360
26	presto/tpcds: q27	3.699833	0.326390	3.530833	0.194270	3.650000	0.257252
27	presto/tpcds: q28	22.337833	0.706086	21.504167	0.285776	22.259667	1.752953
28	presto/tpcds: q29	5.027500	0.139810	4.943500	0.141146	5.016833	0.204924
29	presto/tpcds: q30	2.351500	1.856652	1.706000	0.263408	1.575000	0.229131
30	presto/tpcds: q31	4.550000	0.482988	4.385667	0.204220	4.245333	0.352398

	query	Baseline partitioned mean	Baseline partitioned std.dev	Dictionary block partitioned mean	Dictionary block partitioned std.dev	Dictionary block strings only partitioned mean	Dictionary block strings only partitioned std.dev
31	presto/tpcds: q32	1.380000	0.180309	1.393333	0.182290	1.357833	0.300361
32	presto/tpcds: q33	1.477667	0.084531	1.521000	0.161771	1.555333	0.085962
33	presto/tpcds: q34	1.904167	0.194043	2.103833	0.213628	1.909833	0.213685
34	presto/tpcds: q35	2.491500	0.280664	2.364167	0.146276	2.451333	0.245622
35	presto/tpcds: q36	2.837500	0.526199	3.029333	0.926754	2.713333	0.156749
36	presto/tpcds: q37	2.952667	0.181551	3.164167	0.316380	3.182500	0.152164
37	presto/tpcds: q38	7.557167	0.097551	7.379000	0.281409	7.634167	0.240178
38	presto/tpcds: q39	3.552333	0.197081	3.690000	0.295734	3.520667	0.161691
39	presto/tpcds: q40	3.355000	0.376886	3.193833	0.806423	3.078500	0.775138
40	presto/tpcds: q41	0.404167	0.014106	0.420667	0.034645	0.442667	0.035937
41	presto/tpcds: q42	1.930167	0.115342	2.076333	0.186381	1.887333	0.245660
42	presto/tpcds: q43	2.658500	0.202874	2.740333	0.502669	2.633333	0.258801
43	presto/tpcds: q44	11.429667	0.378118	10.904333	0.152611	10.712000	0.060782
44	presto/tpcds: q45	1.143000	0.041027	1.073833	0.031019	1.137667	0.086560
45	presto/tpcds: q46	2.767833	0.186154	3.132667	0.519478	2.962333	0.413088
46	presto/tpcds: q47	24.161000	0.486074	24.033000	0.617585	23.515833	0.597504
47	presto/tpcds: q48	4.223167	0.852155	4.597500	0.612620	4.493833	0.661244
48	presto/tpcds: q49	6.212500	0.259691	6.673833	1.640348	6.149333	1.259421
49	presto/tpcds: q50	4.706667	0.220356	5.518833	0.414415	4.874500	0.764174
50	presto/tpcds: q51	7.000167	0.258107	6.835500	0.388605	6.705167	0.463546
51	presto/tpcds: q52	1.763167	0.134636	2.031500	0.617857	1.621000	0.204362
52	presto/tpcds: q53	2.373667	0.177394	2.849667	0.404242	2.764000	0.374937
53	presto/tpcds: q54	6.787000	1.568323	6.750833	1.376997	6.059500	0.228520
54	presto/tpcds: q55	1.841167	0.163809	2.103000	0.695824	1.772333	0.111837

	query	Baseline partitioned mean	Baseline partitioned std.dev	Dictionary block partitioned mean	Dictionary block partitioned std.dev	Dictionary block strings only partitioned mean	Dictionary block strings only partitioned std.dev
55	presto/tpcds: q56	1.811000	0.146231	2.274500	0.527670	1.725667	0.056287
56	presto/tpcds: q57	13.180167	0.213902	13.182833	0.499620	13.263833	0.293985
57	presto/tpcds: q58	3.892667	0.153345	4.328500	0.470560	4.005833	0.129534
58	presto/tpcds: q59	11.285833	0.194187	14.962833	0.114185	12.200000	0.243014
59	presto/tpcds: q60	2.333000	0.082714	2.323500	0.177475	2.384000	0.116684
60	presto/tpcds: q61	2.982833	0.130843	2.983333	0.064351	3.016000	0.098202
61	presto/tpcds: q62	2.746167	0.137264	2.663500	0.143442	2.863167	0.208192
62	presto/tpcds: q63	2.395167	0.211499	2.576500	0.191098	2.433167	0.125958
63	presto/tpcds: q64	71.891500	4.709624	71.919000	5.420178	63.250000	3.348342
64	presto/tpcds: q65	11.475500	0.288820	10.483833	0.295797	10.336333	0.539783
65	presto/tpcds: q66	3.873500	0.332575	3.949500	0.299513	3.875667	0.560662
66	presto/tpcds: q67	54.500000	1.856877	54.482833	0.775527	56.230333	2.314923
67	presto/tpcds: q68	2.601500	0.119579	2.593833	0.330410	2.566667	0.123715
68	presto/tpcds: q69	1.161667	0.072124	1.284333	0.075894	1.273333	0.145094
69	presto/tpcds: q70	9.453333	0.468025	9.101500	0.370013	9.665000	0.724905
70	presto/tpcds: q71	3.064333	0.698544	2.955667	0.262551	3.088500	0.344466
71	presto/tpcds: q72	34.855167	1.249920	34.381333	2.349740	34.986333	2.543885
72	presto/tpcds: q73	1.429667	0.066944	1.665333	0.322138	1.501000	0.124704
73	presto/tpcds: q74	13.687667	0.944701	13.227000	0.353601	13.571500	0.381501
74	presto/tpcds: q75	22.066833	2.492196	20.659000	1.444407	19.683833	0.784307
75	presto/tpcds: q76	7.074667	0.232746	7.030500	0.225664	7.503667	1.200655
76	presto/tpcds: q77	2.382333	0.205488	2.327500	0.260684	2.502833	0.057614
77	presto/tpcds: q78	30.231500	1.320940	26.298500	1.535952	25.936167	1.261924
78	presto/tpcds: q79	3.168333	0.332656	3.275333	0.337029	3.111667	0.245421

	query	Baseline partitioned mean	Baseline partitioned std.dev	Dictionary block partitioned mean	Dictionary block partitioned std.dev	Dictionary block strings only partitioned mean	Dictionary block strings only partitioned std.dev
79	presto/tpcds: q80	10.246000	1.726371	11.117333	2.283484	8.741167	1.114297
80	presto/tpcds: q81	2.259333	0.139708	2.082000	0.032668	2.207833	0.219914
81	presto/tpcds: q82	4.872833	0.471732	4.314833	0.236147	4.406667	0.182633
82	presto/tpcds: q83	1.140500	0.042731	1.149333	0.048405	1.134833	0.030036
83	presto/tpcds: q84	1.822167	0.148719	1.872333	0.190752	1.929500	0.200552
84	presto/tpcds: q85	8.145833	0.277281	8.196000	0.389930	8.248500	0.361983
85	presto/tpcds: q86	2.227667	0.107727	2.209000	0.146636	2.259333	0.125409
86	presto/tpcds: q87	7.561667	0.121719	7.667833	0.385989	7.622167	0.230253
87	presto/tpcds: q88	21.984167	2.007404	22.058833	1.932135	21.488500	1.728380
88	presto/tpcds: q89	2.843833	0.220603	3.515667	0.794085	3.151167	0.344941
89	presto/tpcds: q90	3.662000	1.423088	2.734500	0.507541	2.804000	0.223722
90	presto/tpcds: q91	1.327000	0.553079	0.927000	0.239226	0.816667	0.028465
91	presto/tpcds: q92	1.146333	0.254581	1.031333	0.139985	0.998333	0.347786
92	presto/tpcds: q93	26.815167	0.344595	26.312667	0.604852	26.085167	0.390342
93	presto/tpcds: q94	4.120833	0.119466	4.086833	0.057499	4.090667	0.456535
94	presto/tpcds: q95	15.497667	0.705622	14.977000	0.997176	15.271500	0.603565
95	presto/tpcds: q96	3.345333	0.108003	3.438000	0.030542	3.822667	1.055767
96	presto/tpcds: q97	16.280000	1.653240	15.845667	1.121301	15.823667	1.342975
97	presto/tpcds: q98	1.307167	0.076314	1.331667	0.096568	1.397500	0.143812
98	presto/tpcds: q99	5.392333	0.272159	5.363500	0.358701	5.426000	0.343035

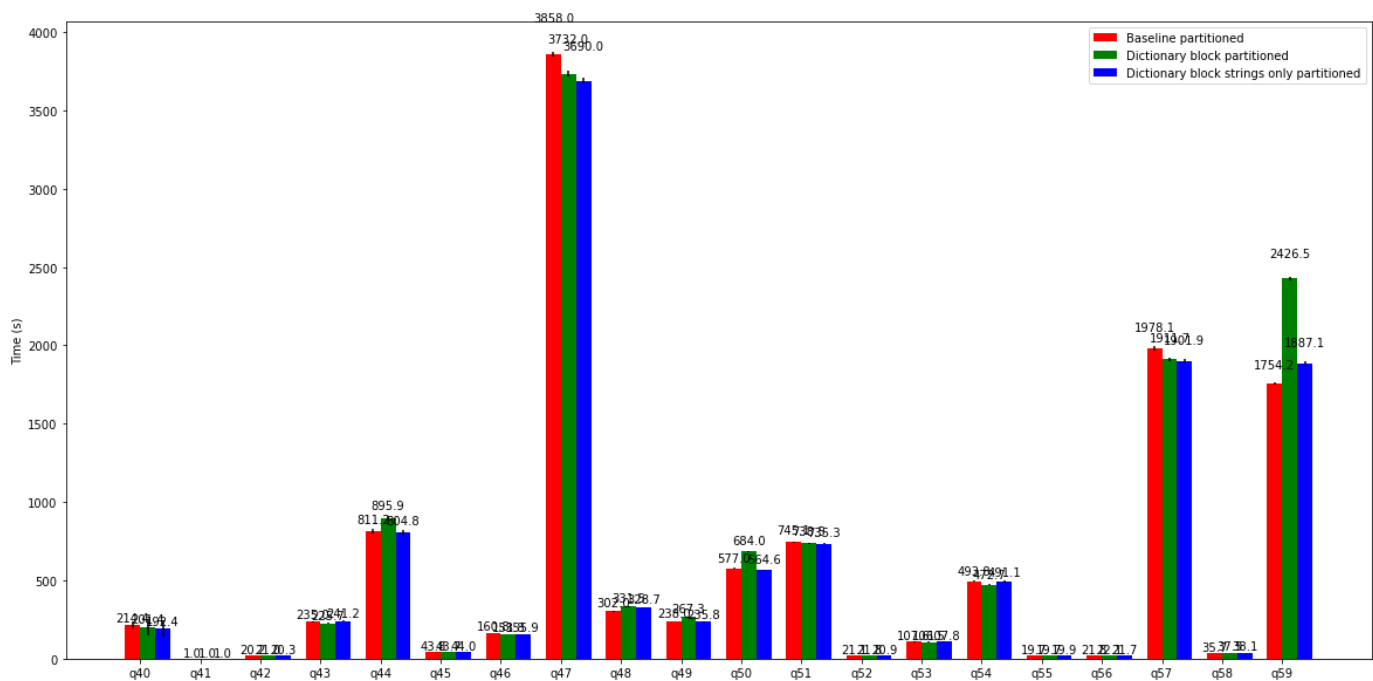
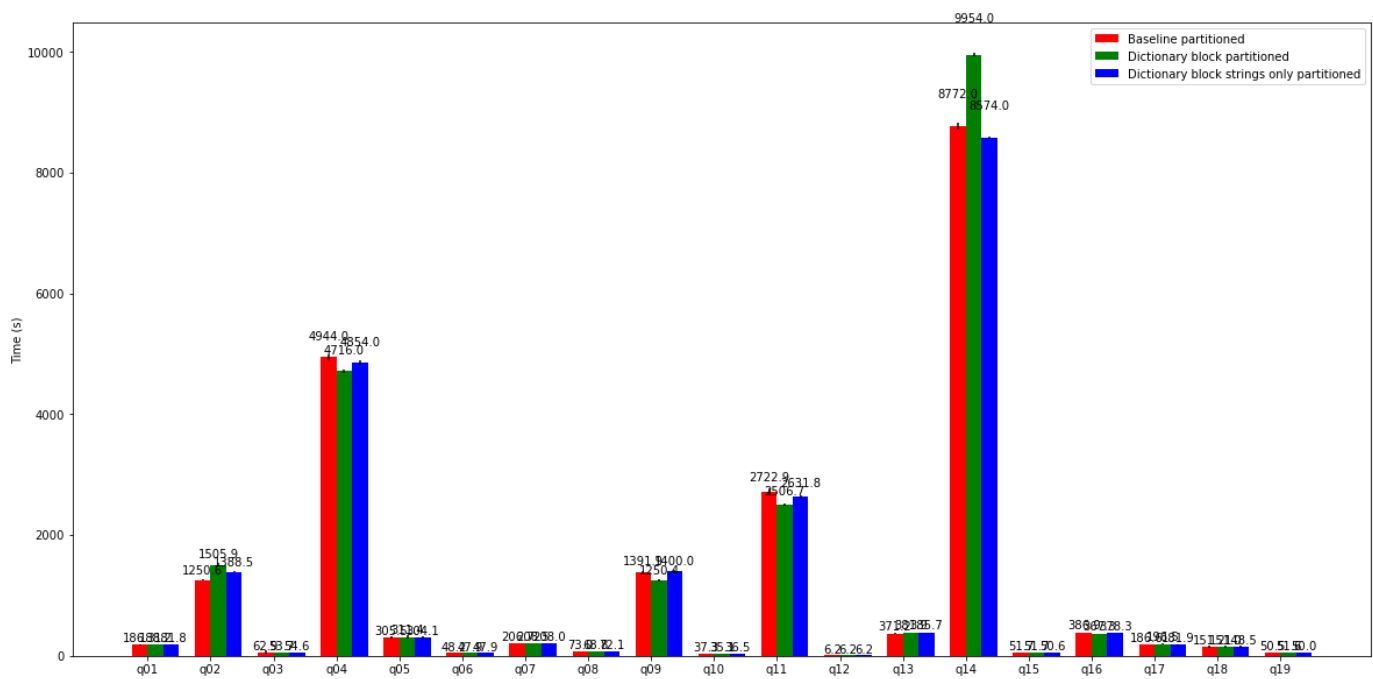
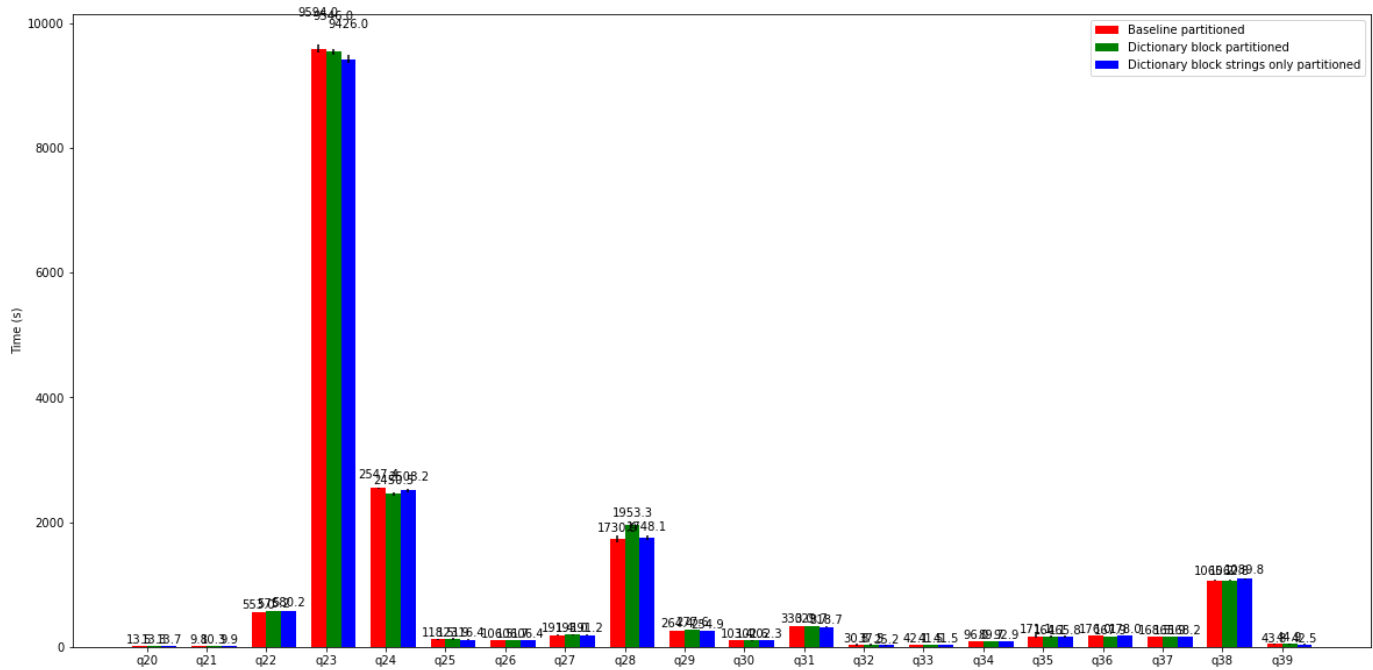
TPC-H Comparison (CPU)

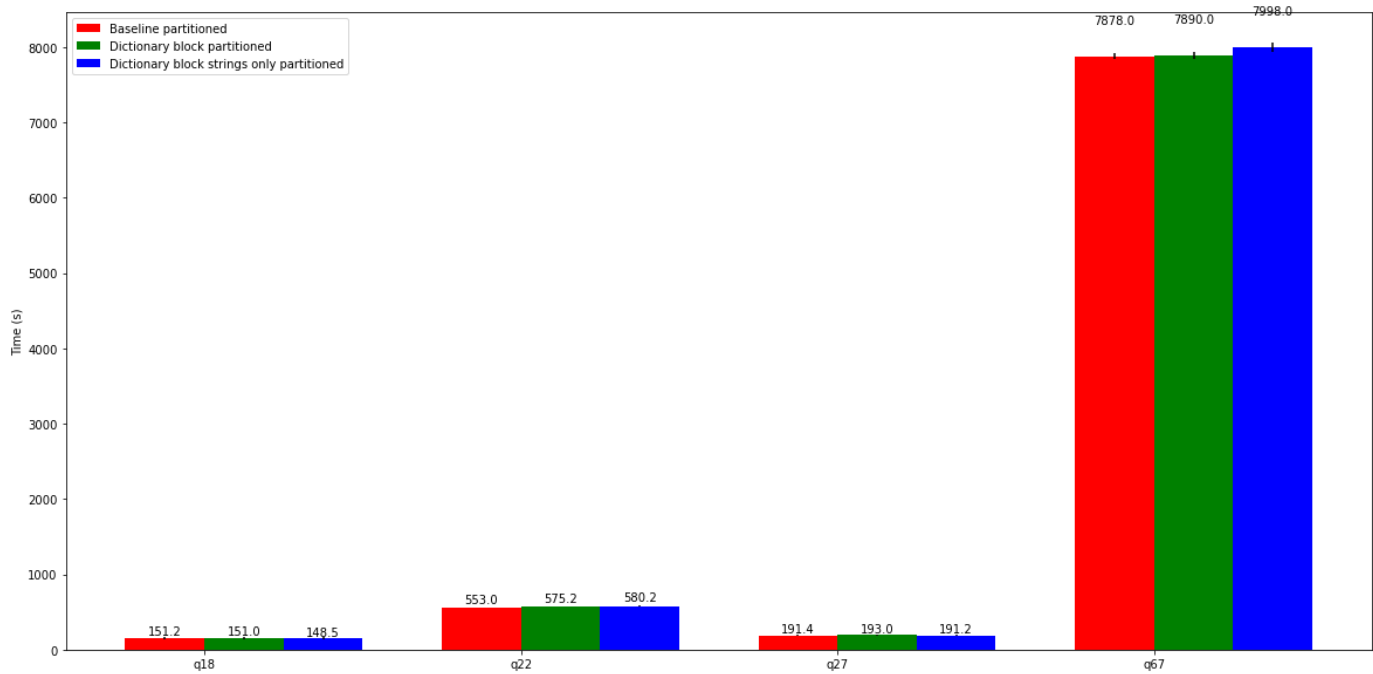
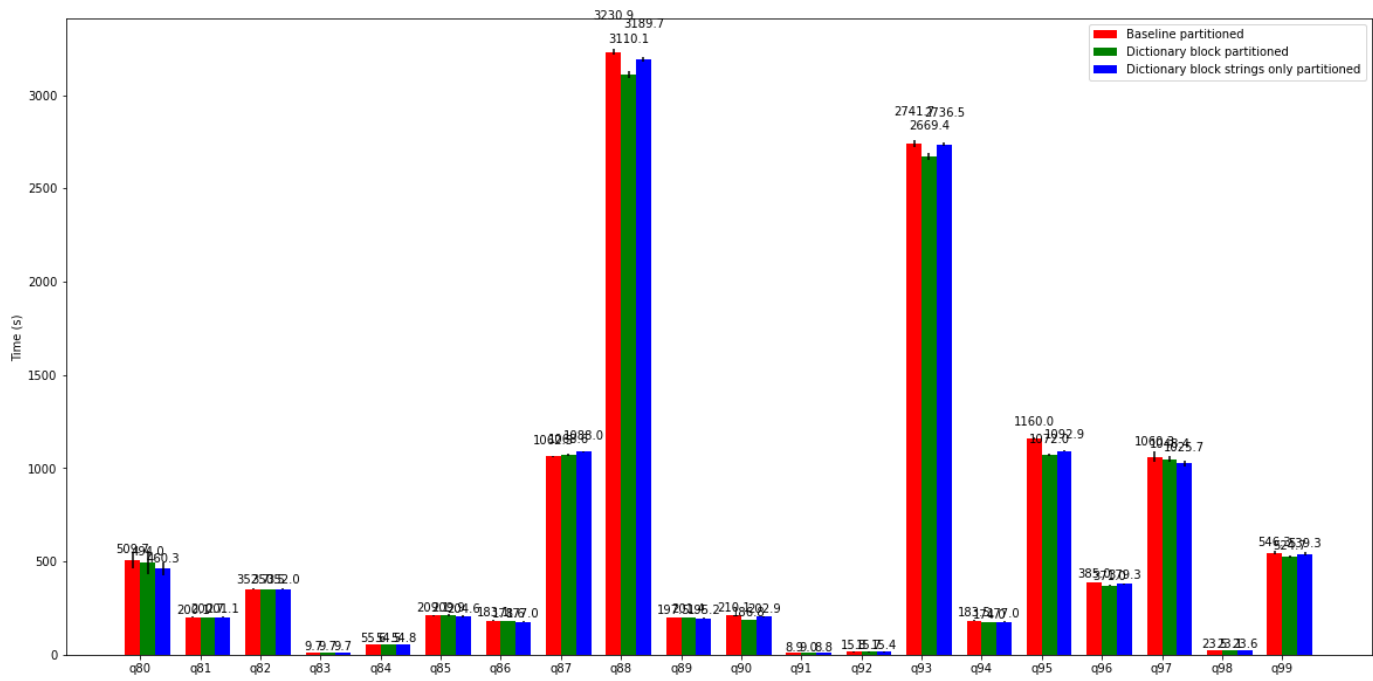
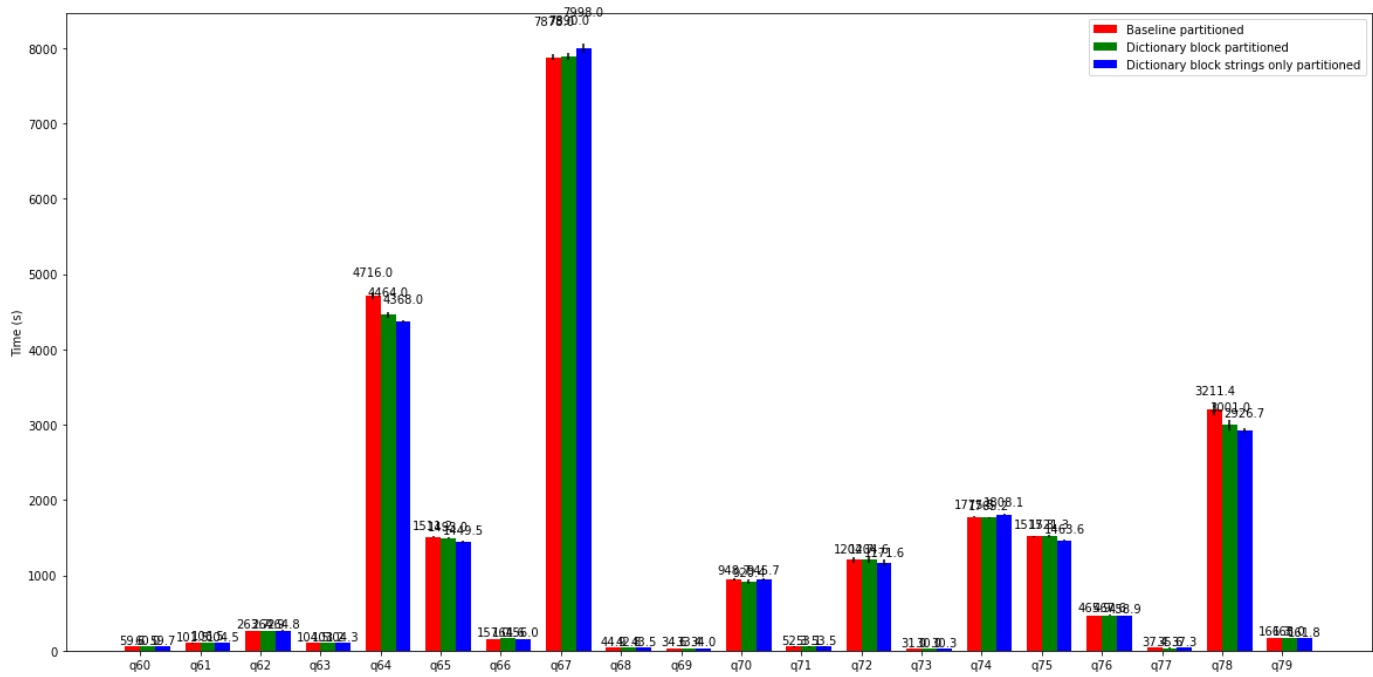


	query	Baseline partitioned mean	Baseline partitioned std.dev	Dictionary block partitioned mean	Dictionary block partitioned std.dev	Dictionary block strings only partitioned mean	Dictionary block strings only partitioned std.dev
0	presto/tpch: q01	2792.8	6.402500	2425.7	10.968136	2426.1	6.369615
1	presto/tpch: q02	500.8	5.226088	477.4	4.116309	475.6	2.419917
2	presto/tpch: q03	1259.8	20.476328	1220.0	7.801538	1213.9	9.847436
3	presto/tpch: q04	3326.7	258.779868	3182.6	482.295611	2844.6	326.422940
4	presto/tpch: q05	3463.8	41.233579	3431.9	29.704343	3411.2	20.911241
5	presto/tpch: q06	100.3	2.022869	102.6	2.736421	99.6	1.200000
6	presto/tpch: q07	1146.2	9.775889	1099.5	12.370772	1106.8	4.809990

	query	Baseline partitioned mean	Baseline partitioned std.dev	Dictionary block partitioned mean	Dictionary block partitioned std.dev	Dictionary block strings only partitioned mean	Dictionary block strings only partitioned std.dev
7	presto/tpch: q08	2107.1	30.493737	2051.4	23.981993	2074.6	22.704008
8	presto/tpch: q09	5064.0	29.393877	4932.0	39.436024	4944.0	18.590320
9	presto/tpch: q10	2023.5	25.361625	1797.3	17.753310	1801.4	20.557043
10	presto/tpch: q11	399.1	4.146806	392.3	5.385536	385.7	2.193627
11	presto/tpch: q12	611.1	8.642916	564.4	6.334667	563.0	13.371612
12	presto/tpch: q13	2551.1	15.789997	2445.4	17.150627	2448.5	31.221723
13	presto/tpch: q14	173.2	5.015177	162.0	3.718064	159.6	2.963781
14	presto/tpch: q15	338.2	10.431491	315.4	7.576807	318.5	8.177775
15	presto/tpch: q16	552.8	5.128743	525.7	4.806246	520.9	3.896152
16	presto/tpch: q17	6078.0	62.006451	5670.0	44.090815	5718.0	35.394915
17	presto/tpch: q18	5790.0	47.849765	5406.0	27.099815	5448.0	18.590320
18	presto/tpch: q19	1837.0	15.422062	1666.9	22.457694	1678.0	31.935936
19	presto/tpch: q20	1527.2	14.817287	1449.2	27.429036	1434.3	18.900476
20	presto/tpch: q21	9180.0	144.000000	9300.0	100.971283	8856.0	130.794495
21	presto/tpch: q22	508.5	3.770942	491.8	4.626878	485.5	2.773446

TPC-DS Comparison (CPU)





	query	Baseline partitioned mean	Baseline partitioned std.dev	Dictionary block partitioned mean	Dictionary block partitioned std.dev	Dictionary block strings only partitioned mean	Dictionary block strings only partitioned std.dev
0	presto/tpcds: q01	186.300000	9.515251	188.200000	4.928286	181.800000	12.597143
1	presto/tpcds: q02	1250.600000	8.953212	1505.900000	28.940698	1388.500000	8.797045
2	presto/tpcds: q03	62.863333	20.134273	53.708333	0.664091	54.608333	0.500257
3	presto/tpcds: q04	4944.000000	43.598165	4716.000000	32.199379	4854.000000	35.394915
4	presto/tpcds: q05	305.500000	10.941846	311.400000	24.363251	304.100000	13.327115
5	presto/tpcds: q06	48.215000	0.194397	47.938333	1.766187	47.850000	0.130077
6	presto/tpcds: q07	206.700000	5.776850	208.500000	4.751000	208.000000	8.179976
7	presto/tpcds: q08	73.000000	1.117139	68.800000	0.903327	72.100000	1.164474
8	presto/tpcds: q09	1391.900000	15.541815	1250.400000	11.141275	1400.000000	27.915587
9	presto/tpcds: q10	37.308333	0.457096	35.068333	0.303540	36.501667	0.440473
10	presto/tpcds: q11	2722.900000	46.992553	2506.700000	23.470407	2631.800000	33.017813
11	presto/tpcds: q12	6.205000	0.062209	6.236667	0.038816	6.171667	0.062423
12	presto/tpcds: q13	371.200000	4.500667	381.900000	1.122497	385.700000	2.500400
13	presto/tpcds: q14	8772.000000	58.787754	9954.000000	30.119761	8574.000000	14.696938
14	presto/tpcds: q15	51.670000	0.375713	51.743333	0.119944	50.606667	0.129409
15	presto/tpcds: q16	386.900000	2.973886	367.300000	2.412468	378.300000	5.389991
16	presto/tpcds: q17	186.600000	2.488373	196.500000	3.865230	181.900000	2.694439
17	presto/tpcds: q18	151.200000	18.870930	151.000000	18.086459	148.500000	16.939776
18	presto/tpcds: q19	50.513333	1.095987	51.555000	3.115880	49.973333	0.314049
19	presto/tpcds: q20	13.543333	0.162931	13.343333	0.119944	13.676667	0.201858
20	presto/tpcds: q21	9.838333	0.078846	10.341667	0.122868	9.888333	0.053821
21	presto/tpcds: q22	553.000000	1.766352	575.200000	4.579956	580.200000	3.415260
22	presto/tpcds: q23	9594.000000	67.349833	9546.000000	42.085627	9426.000000	62.006451
23	presto/tpcds: q24	2547.400000	9.951080	2450.500000	21.994454	2508.200000	28.462185

	query	Baseline partitioned mean	Baseline partitioned std.dev	Dictionary block partitioned mean	Dictionary block partitioned std.dev	Dictionary block strings only partitioned mean	Dictionary block strings only partitioned std.dev
24	presto/tpcds: q25	118.500000	7.848312	123.900000	13.612200	116.400000	10.104257
25	presto/tpcds: q26	106.500000	0.827043	106.700000	0.451664	106.400000	0.309839
26	presto/tpcds: q27	191.400000	1.314534	193.000000	2.066882	191.200000	1.050714
27	presto/tpcds: q28	1730.900000	48.799467	1953.300000	22.073967	1748.100000	38.547373
28	presto/tpcds: q29	264.400000	2.031748	277.600000	1.766352	254.900000	2.226208
29	presto/tpcds: q30	103.400000	0.819756	102.600000	6.035893	102.300000	0.734847
30	presto/tpcds: q31	330.000000	4.259577	329.700000	4.751000	318.700000	4.383150
31	presto/tpcds: q32	30.845000	13.409671	37.470000	18.221320	25.241667	1.807555
32	presto/tpcds: q33	42.068333	0.191981	41.451667	0.475749	41.476667	0.220424
33	presto/tpcds: q34	96.000000	0.379473	89.700000	0.501996	92.900000	0.244949
34	presto/tpcds: q35	171.100000	22.454487	164.100000	16.764606	165.800000	18.793190
35	presto/tpcds: q36	176.000000	1.725109	167.900000	1.583667	178.000000	1.682855
36	presto/tpcds: q37	168.500000	0.451664	165.900000	0.501996	168.200000	0.619677
37	presto/tpcds: q38	1065.200000	7.801538	1062.800000	9.522185	1089.800000	8.439905
38	presto/tpcds: q39	43.801667	2.935067	44.930000	2.954211	42.480000	3.060699
39	presto/tpcds: q40	214.400000	20.486874	201.400000	51.915316	192.400000	49.617739
40	presto/tpcds: q41	1.017000	0.042643	0.978167	0.012937	0.986833	0.007653
41	presto/tpcds: q42	20.168333	0.254591	20.998333	0.525791	20.276667	0.294935
42	presto/tpcds: q43	235.000000	1.594992	225.700000	1.489966	241.200000	1.738965
43	presto/tpcds: q44	811.200000	15.031168	895.900000	11.966453	804.800000	19.566502
44	presto/tpcds: q45	43.776667	0.513641	43.680000	0.416797	44.026667	0.507609
45	presto/tpcds: q46	160.800000	0.758947	153.800000	0.903327	155.900000	1.033441
46	presto/tpcds: q47	3858.000000	14.696938	3732.000000	18.590320	3690.000000	19.718012
47	presto/tpcds: q48	302.000000	1.884675	331.500000	1.300769	328.700000	1.282186

	query	Baseline partitioned mean	Baseline partitioned std.dev	Dictionary block partitioned mean	Dictionary block partitioned std.dev	Dictionary block strings only partitioned mean	Dictionary block strings only partitioned std.dev
48	presto/tpcds: q49	238.000000	2.359661	267.300000	3.594997	235.800000	1.697056
49	presto/tpcds: q50	577.000000	2.449490	684.000000	3.106123	564.600000	1.897367
50	presto/tpcds: q51	745.100000	3.987480	738.500000	3.402940	735.300000	5.912360
51	presto/tpcds: q52	21.101667	0.231466	21.810000	0.570509	20.928333	0.098268
52	presto/tpcds: q53	107.600000	1.179830	106.500000	0.629285	107.800000	1.179830
53	presto/tpcds: q54	493.800000	4.033857	472.700000	5.277499	491.100000	6.312844
54	presto/tpcds: q55	19.743333	0.412294	19.680000	0.135941	19.865000	0.129422
55	presto/tpcds: q56	21.831667	0.391020	22.088333	0.359133	21.665000	0.225898
56	presto/tpcds: q57	1978.100000	14.713667	1911.700000	9.825477	1901.900000	8.115910
57	presto/tpcds: q58	35.681667	0.549524	37.533333	0.362142	38.081667	0.735049
58	presto/tpcds: q59	1754.200000	8.807270	2426.500000	9.640539	1887.100000	10.782764
59	presto/tpcds: q60	59.601667	0.238446	60.035000	0.475805	59.688333	0.541014
60	presto/tpcds: q61	101.500000	10.855966	106.500000	6.244037	104.500000	5.883876
61	presto/tpcds: q62	263.700000	4.437567	264.900000	4.064972	264.800000	5.862423
62	presto/tpcds: q63	104.500000	0.797496	103.200000	0.657267	104.300000	0.797496
63	presto/tpcds: q64	4716.000000	50.911688	4464.000000	39.436024	4368.000000	18.590320
64	presto/tpcds: q65	1511.200000	4.657897	1493.000000	7.364781	1449.500000	18.184719
65	presto/tpcds: q66	157.000000	0.819756	164.600000	0.979796	156.000000	1.314534
66	presto/tpcds: q67	7878.000000	42.085627	7890.000000	42.085627	7998.000000	62.006451
67	presto/tpcds: q68	44.918333	0.199641	42.805000	0.189921	43.513333	0.352004
68	presto/tpcds: q69	34.621667	1.143213	33.396667	0.350866	34.041667	0.440064
69	presto/tpcds: q70	948.700000	17.490455	920.400000	29.708181	945.700000	18.803723
70	presto/tpcds: q71	52.280000	1.202314	53.096667	1.905242	53.531667	2.811636
71	presto/tpcds: q72	1204.700000	41.897733	1204.600000	45.333431	1171.600000	46.117589

	query	Baseline partitioned mean	Baseline partitioned std.dev	Dictionary block partitioned mean	Dictionary block partitioned std.dev	Dictionary block strings only partitioned mean	Dictionary block strings only partitioned std.dev
72	presto/tpcds: q73	31.026667	0.259820	29.966667	0.227479	30.285000	0.291530
73	presto/tpcds: q74	1775.500000	10.100099	1765.200000	4.976746	1808.100000	8.207070
74	presto/tpcds: q75	1517.300000	11.778455	1521.300000	14.967565	1463.600000	9.461501
75	presto/tpcds: q76	465.900000	3.534402	467.600000	6.150122	458.900000	5.968920
76	presto/tpcds: q77	37.360000	0.437264	35.613333	0.464141	37.323333	0.305985
77	presto/tpcds: q78	3211.400000	79.632154	3001.000000	70.034848	2926.700000	31.579424
78	presto/tpcds: q79	166.300000	1.224745	168.000000	1.003992	161.800000	0.819756
79	presto/tpcds: q80	509.700000	44.007045	494.000000	60.164973	460.300000	33.091328
80	presto/tpcds: q81	200.100000	2.782086	200.700000	1.728583	201.100000	2.471437
81	presto/tpcds: q82	352.700000	3.687275	350.500000	1.389964	352.000000	1.594992
82	presto/tpcds: q83	9.691667	0.215816	9.745000	0.075033	9.708333	0.125605
83	presto/tpcds: q84	55.575000	0.399887	54.460000	0.261381	54.803333	0.178512
84	presto/tpcds: q85	209.100000	3.594997	209.900000	6.205481	204.600000	5.589991
85	presto/tpcds: q86	183.100000	1.440833	178.600000	0.979796	177.000000	0.758947
86	presto/tpcds: q87	1062.500000	5.263839	1068.600000	6.648910	1088.000000	4.869497
87	presto/tpcds: q88	3230.900000	16.328013	3110.100000	16.509270	3189.700000	13.174976
88	presto/tpcds: q89	197.500000	1.033441	201.400000	0.819756	195.200000	1.239355
89	presto/tpcds: q90	210.100000	3.360357	186.800000	0.819756	202.900000	0.701427
90	presto/tpcds: q91	8.868333	0.427196	8.963333	0.301043	8.816667	0.325249
91	presto/tpcds: q92	15.846667	2.365905	15.676667	2.555157	15.405000	2.023391
92	presto/tpcds: q93	2741.700000	17.850378	2669.400000	20.424691	2736.500000	9.220629
93	presto/tpcds: q94	183.500000	0.797496	174.000000	1.697056	177.000000	0.758947
94	presto/tpcds: q95	1160.000000	8.100370	1072.000000	6.231533	1092.900000	5.789300
95	presto/tpcds: q96	385.000000	0.489898	371.000000	1.922498	379.300000	1.440833

	query	Baseline partitioned mean	Baseline partitioned std.dev	Dictionary block partitioned mean	Dictionary block partitioned std.dev	Dictionary block strings only partitioned mean	Dictionary block strings only partitioned std.dev
96	presto/tpcds: q97	1060.300000	27.079660	1048.400000	17.805617	1025.700000	14.232779
97	presto/tpcds: q98	23.485000	0.164530	23.095000	0.193054	23.615000	0.119791
98	presto/tpcds: q99	546.300000	10.643871	524.700000	7.728130	539.300000	9.744537

TPC-H Comparison (Peak memory)

TPC-DS Comparison (Peak memory)

TPC-H Comparison (physicalInputDataSize)

TPC-DS Comparison (physicalInputDataSize)