

FAILED QUERIES

delta partitioned baseline

benchmark query mean_duration std_dev

alluxio delta caching

benchmark query mean_duration std_dev

SUMMARY

label	TPCH wall time	TPC-DS wall time	TPCH CPU time	TPC-DS CPU time	TPCH physicalInputDataSize	TPC-DS physicalInputDataSize	TPCH internalNetworkInputDataSize	TPC-DS internalNetworkInputDataSize
0 delta partitioned baseline	375.724667	666.006333	37898.100000	67243.082000	1.177 TiB	1.231 TiB	1.261 TiB	
1 alluxio delta caching	304.005333	593.259667	35560.321667	65103.613000	1.177 TiB	1.228 TiB	1.261 TiB	

Store sales flat Comparison (DURATION)

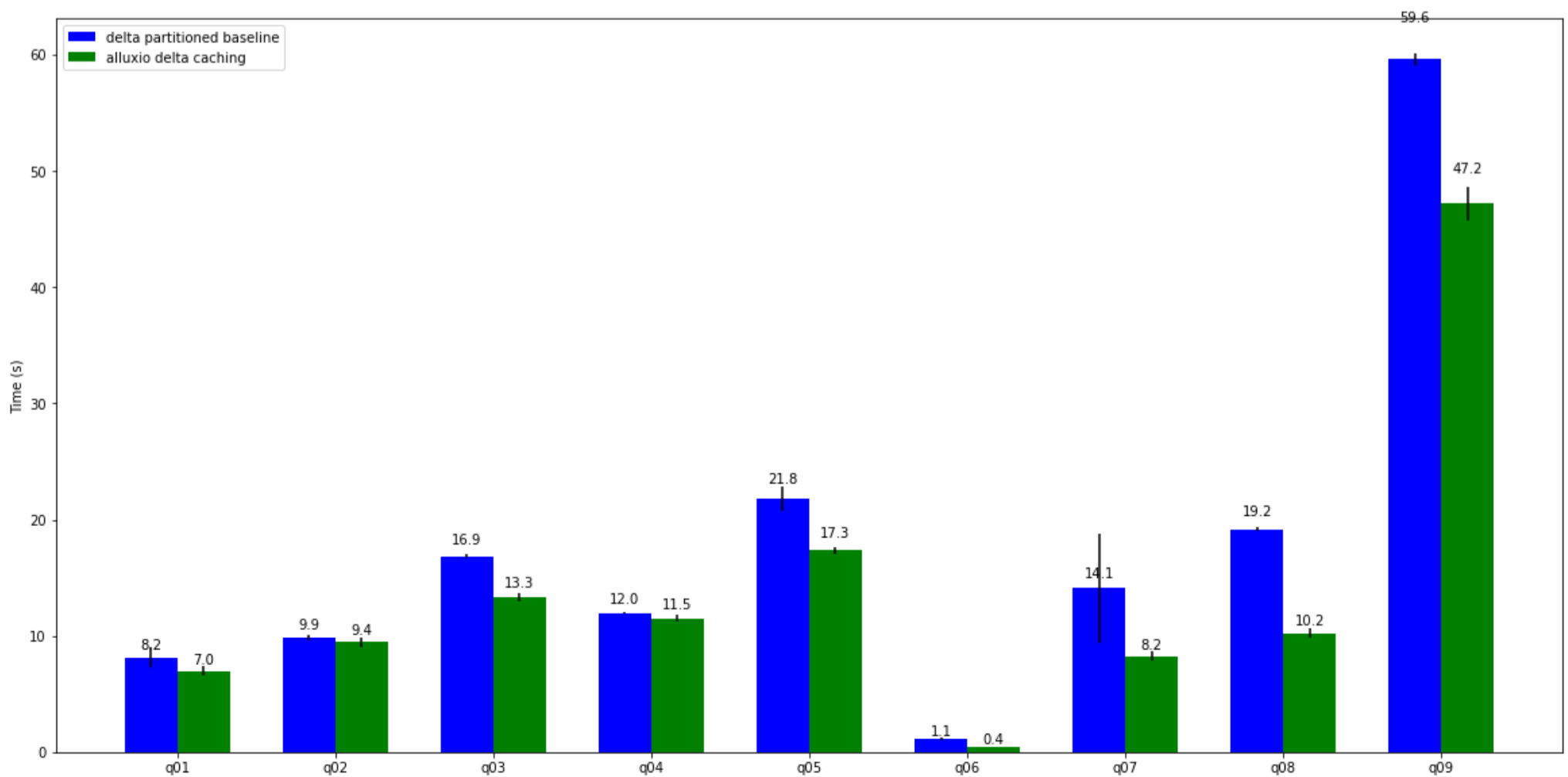
Store sales flat Comparison (CPU)

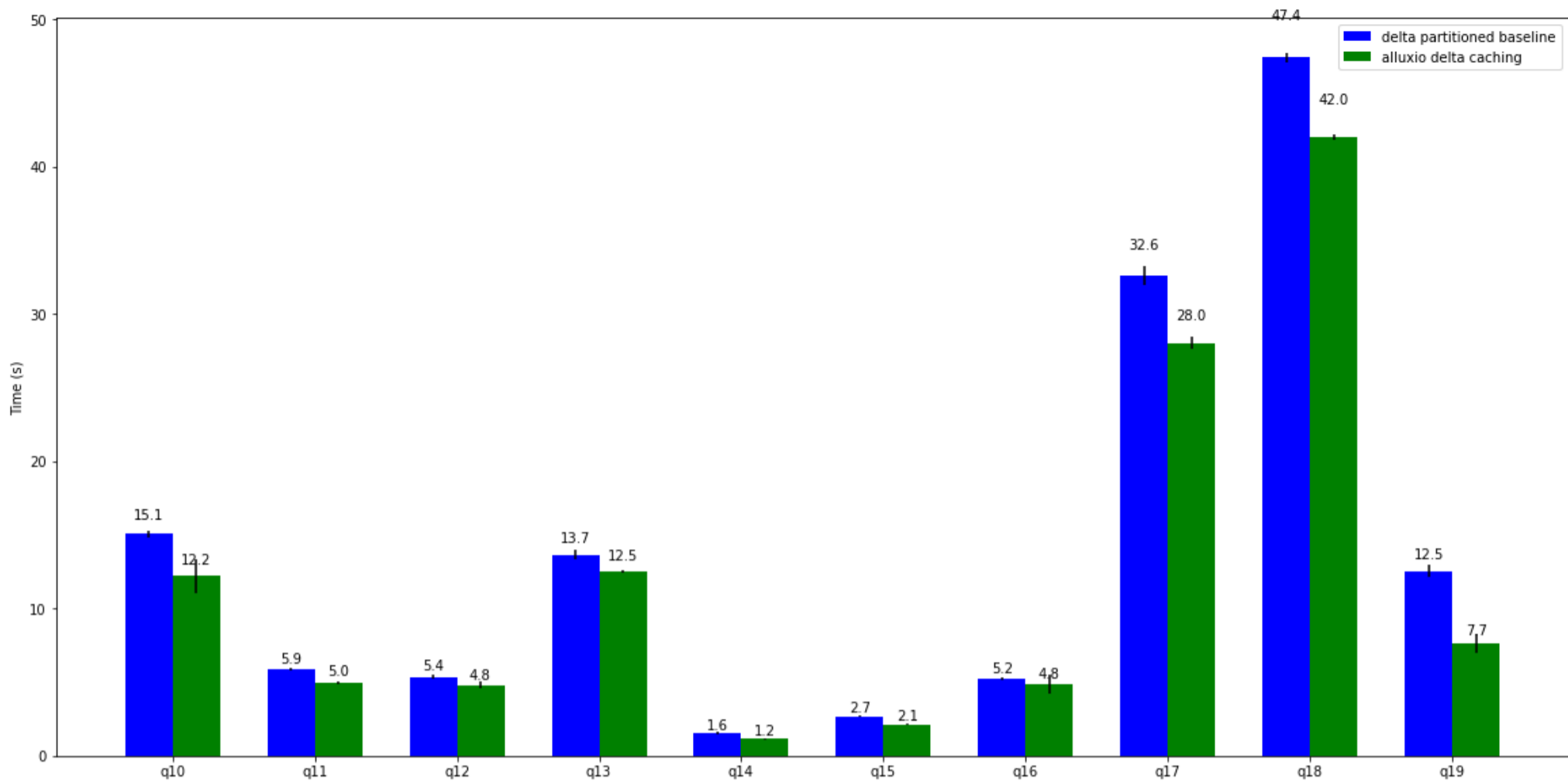
Insert Comparison (DURATION)

Insert Comparison (CPU)

Insert Comparison (PEAK MEMORY)

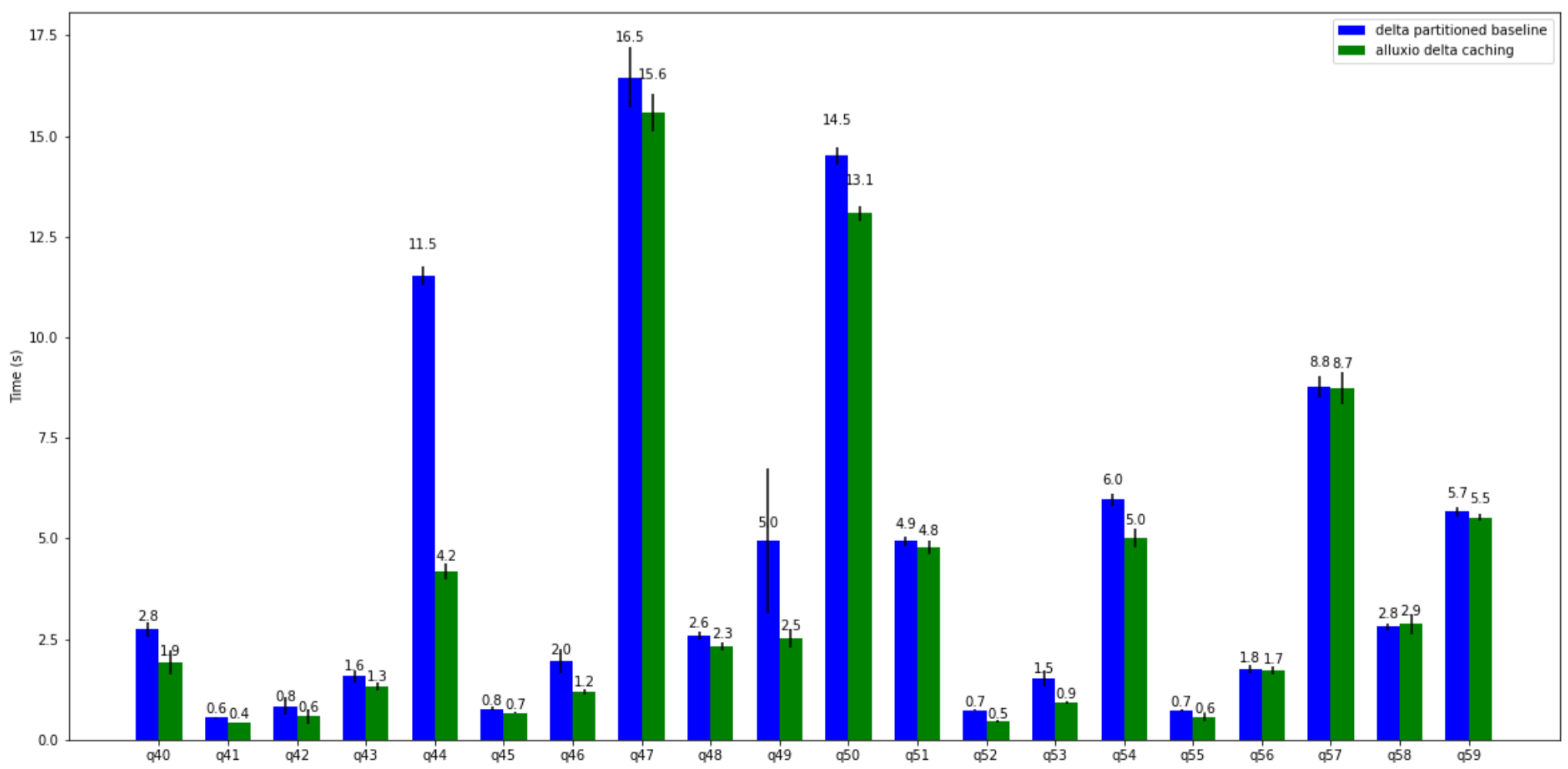
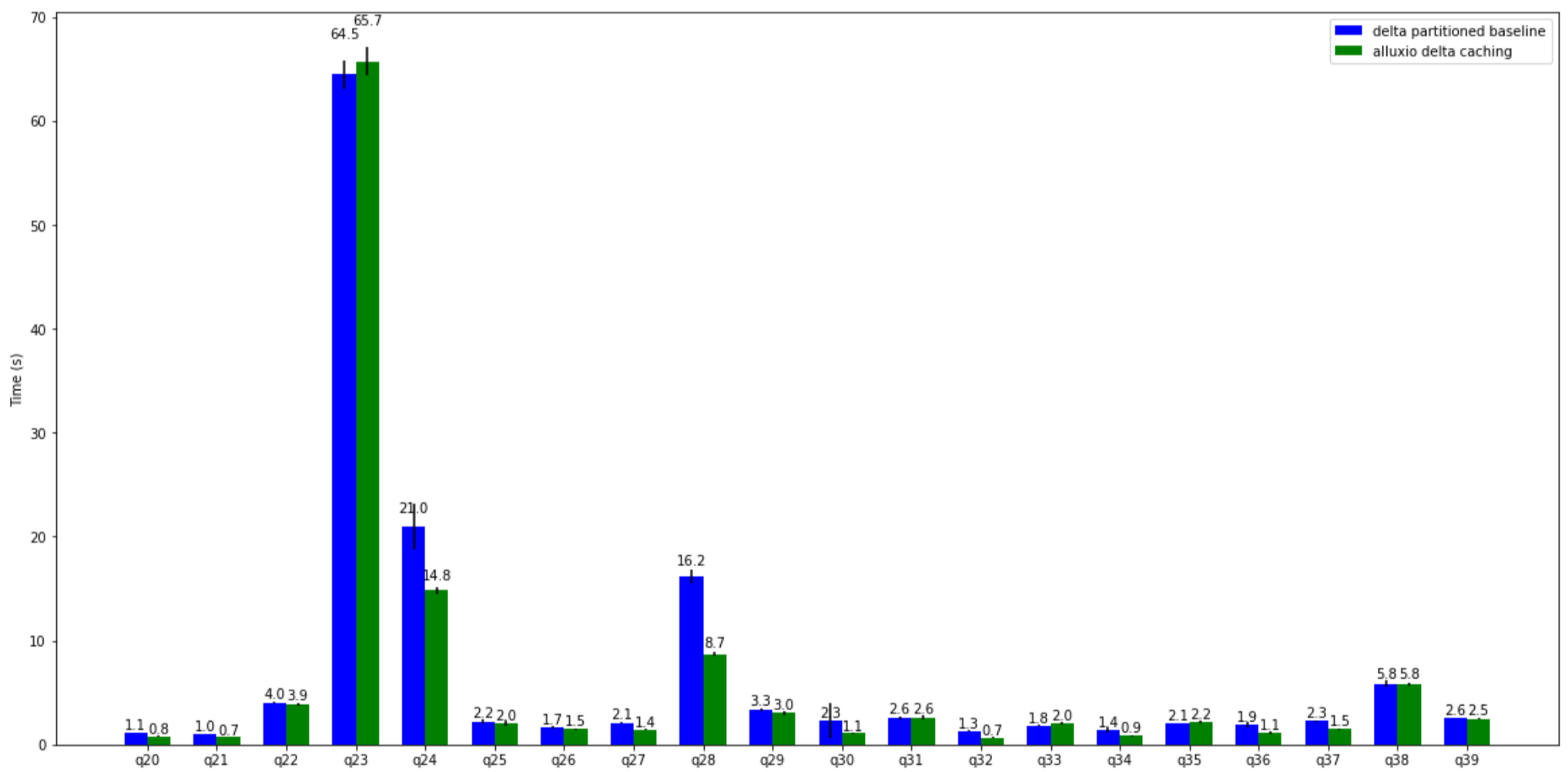
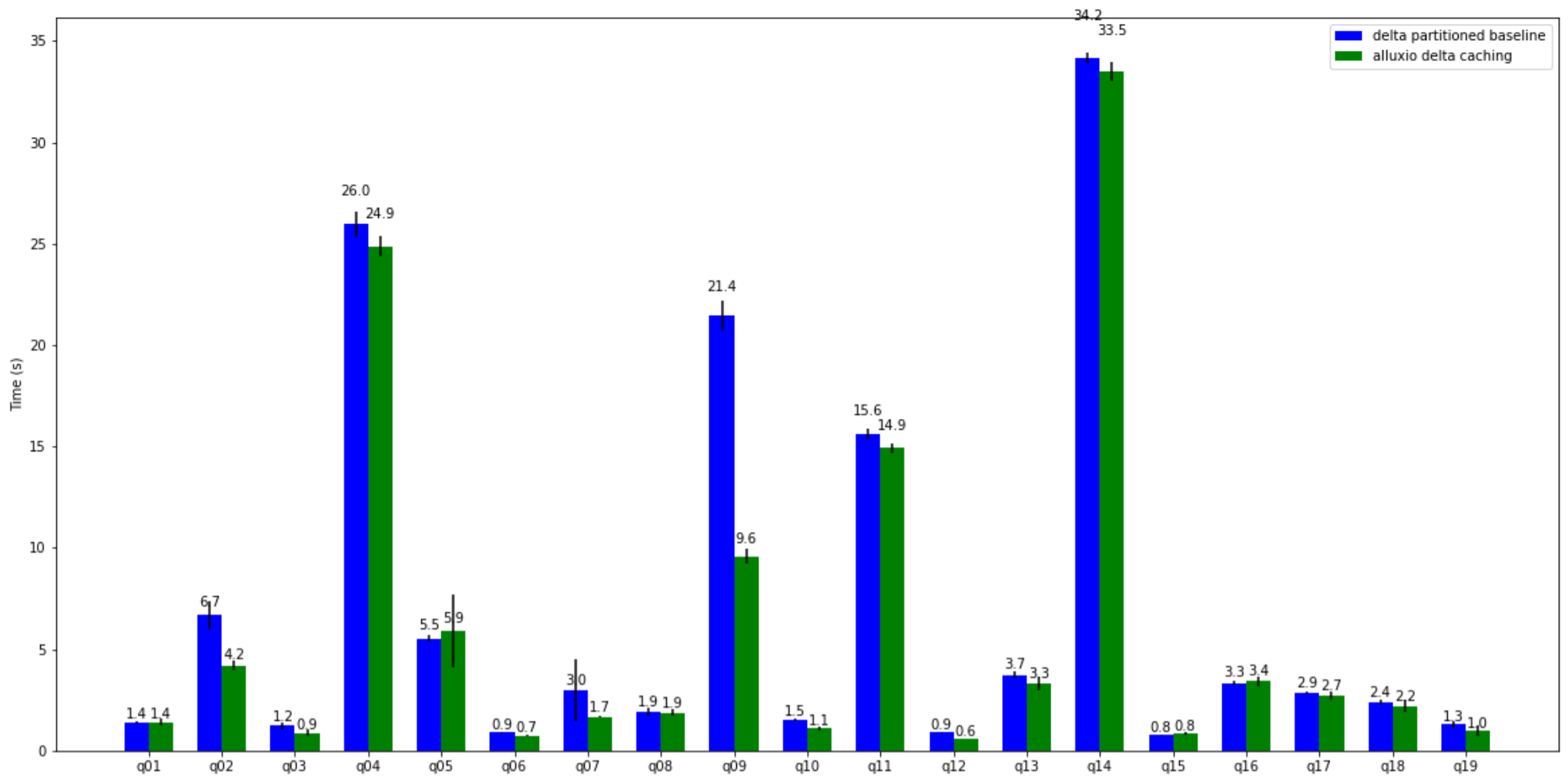
TPC-H Comparison (DURATION)

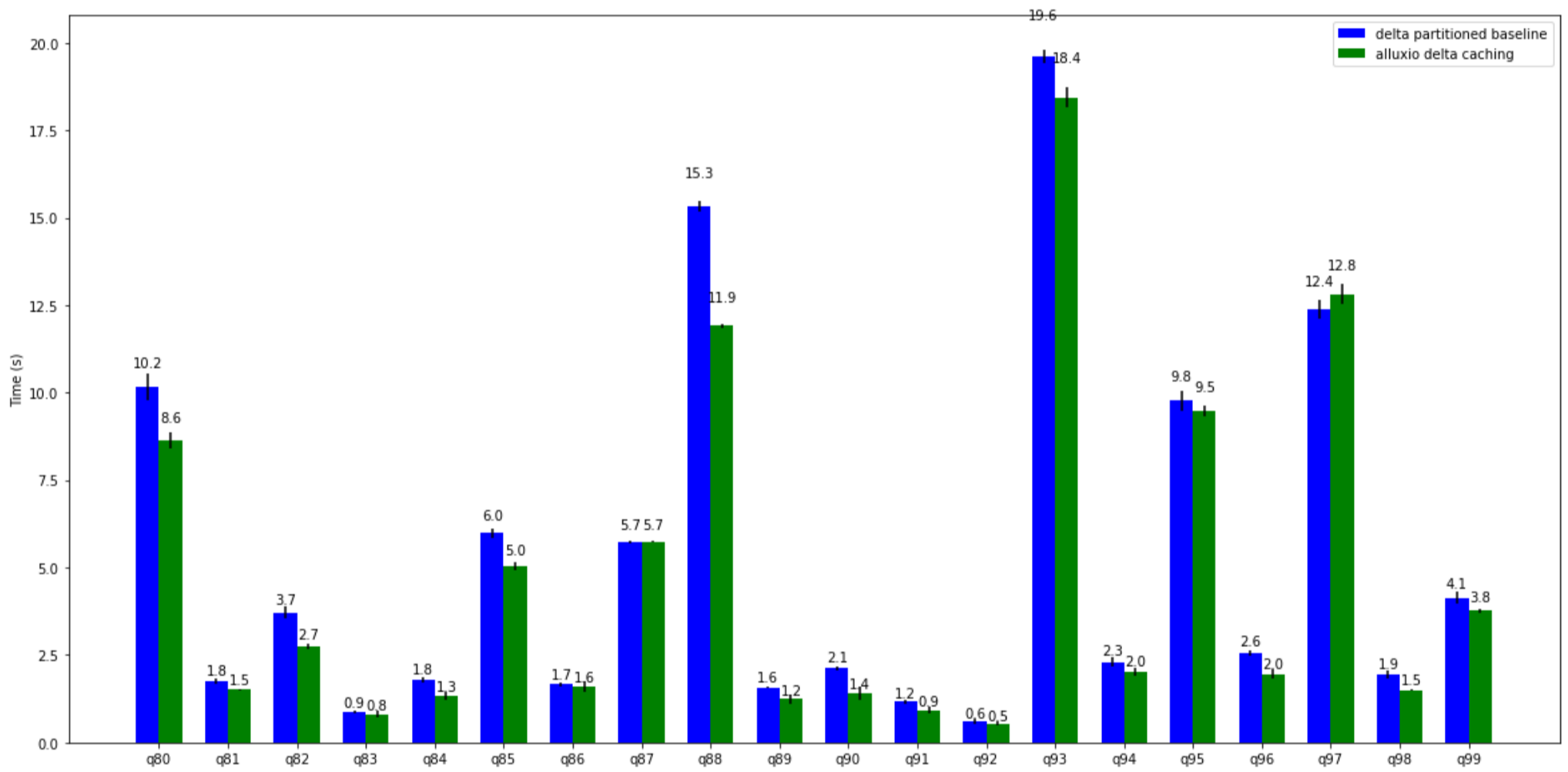
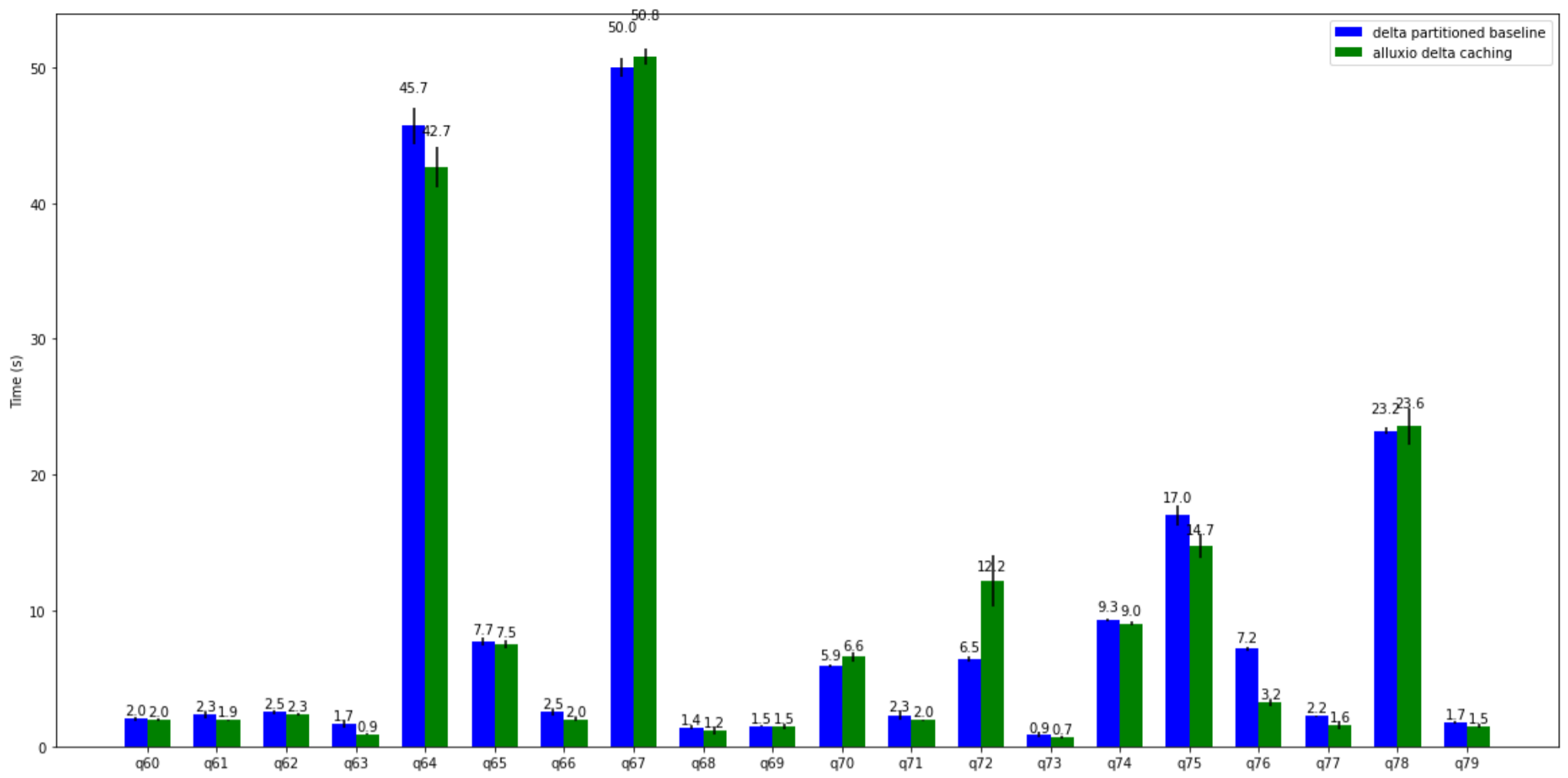




query	delta partitioned baseline mean	delta partitioned baseline std.dev	alluxio delta caching mean	alluxio delta caching std.dev
0 presto/tpch: q01	8.155833	0.862501	6.959833	0.389017
1 presto/tpch: q02	9.878167	0.256095	9.447667	0.397866
2 presto/tpch: q03	16.865000	0.227725	13.308000	0.372772
3 presto/tpch: q04	11.981667	0.048541	11.509167	0.294132
4 presto/tpch: q05	21.788333	1.040637	17.338667	0.283715
5 presto/tpch: q06	1.144500	0.084848	0.449333	0.033339
6 presto/tpch: q07	14.082000	4.750444	8.234167	0.393670
7 presto/tpch: q08	19.165667	0.146410	10.248833	0.423615
8 presto/tpch: q09	59.593500	0.507014	47.208000	1.437427
9 presto/tpch: q10	15.084333	0.234316	12.213667	1.167876
10 presto/tpch: q11	5.860167	0.114236	4.998000	0.097392
11 presto/tpch: q12	5.359500	0.137159	4.778333	0.229816
12 presto/tpch: q13	13.654000	0.349854	12.528333	0.116879
13 presto/tpch: q14	1.554333	0.057992	1.157500	0.029891
14 presto/tpch: q15	2.698000	0.074670	2.135833	0.046546
15 presto/tpch: q16	5.244333	0.074992	4.849833	0.629609
16 presto/tpch: q17	32.578667	0.655480	28.043333	0.450474
17 presto/tpch: q18	47.409000	0.308998	42.024500	0.165138
18 presto/tpch: q19	12.543000	0.430717	7.660667	0.632451
19 presto/tpch: q20	9.595833	0.063521	8.452167	0.132542
20 presto/tpch: q21	55.226500	3.806493	46.650667	0.633620
21 presto/tpch: q22	6.262333	3.672818	3.808833	0.265661

TPC-DS Comparison (DURATION)



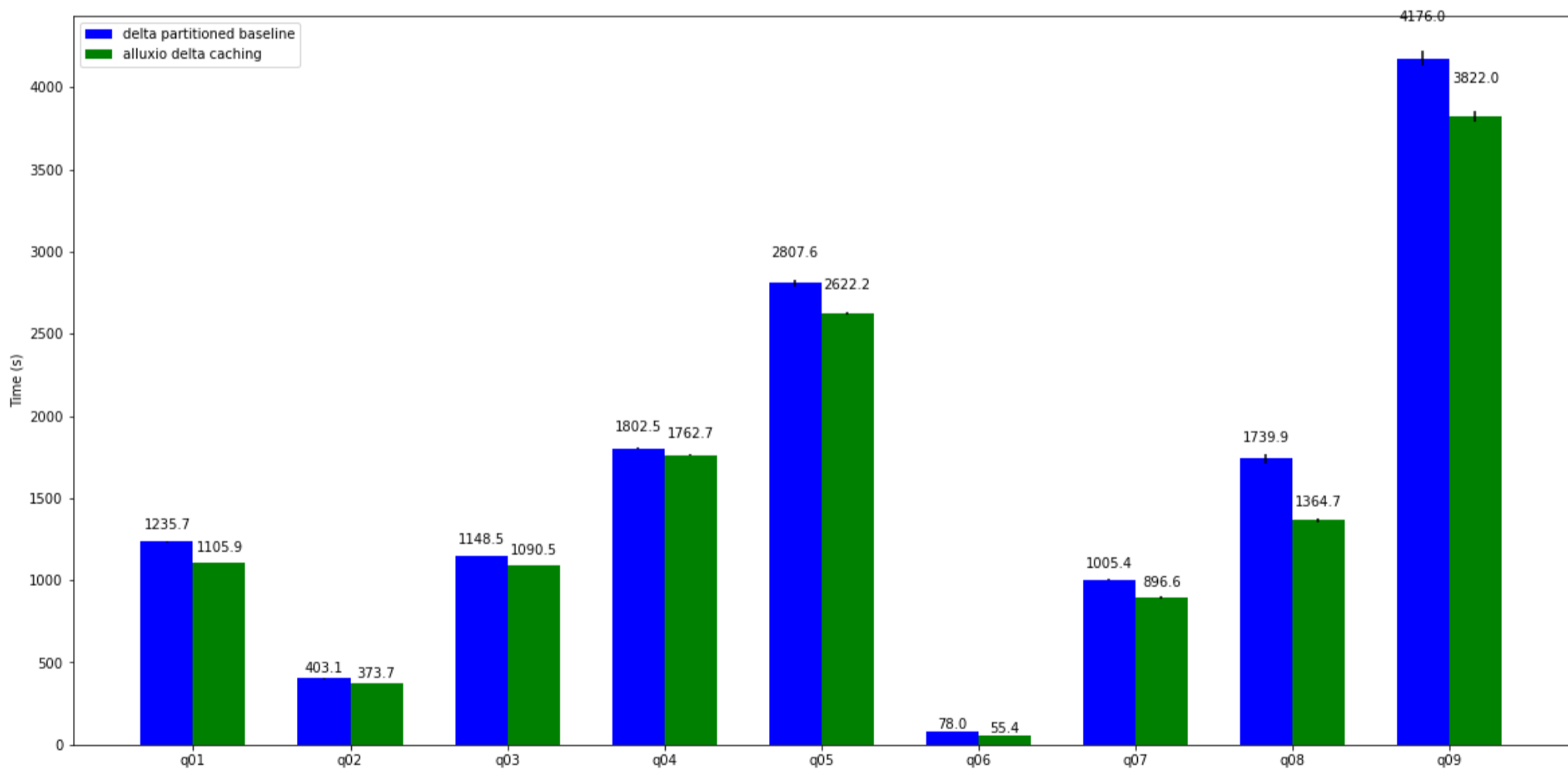


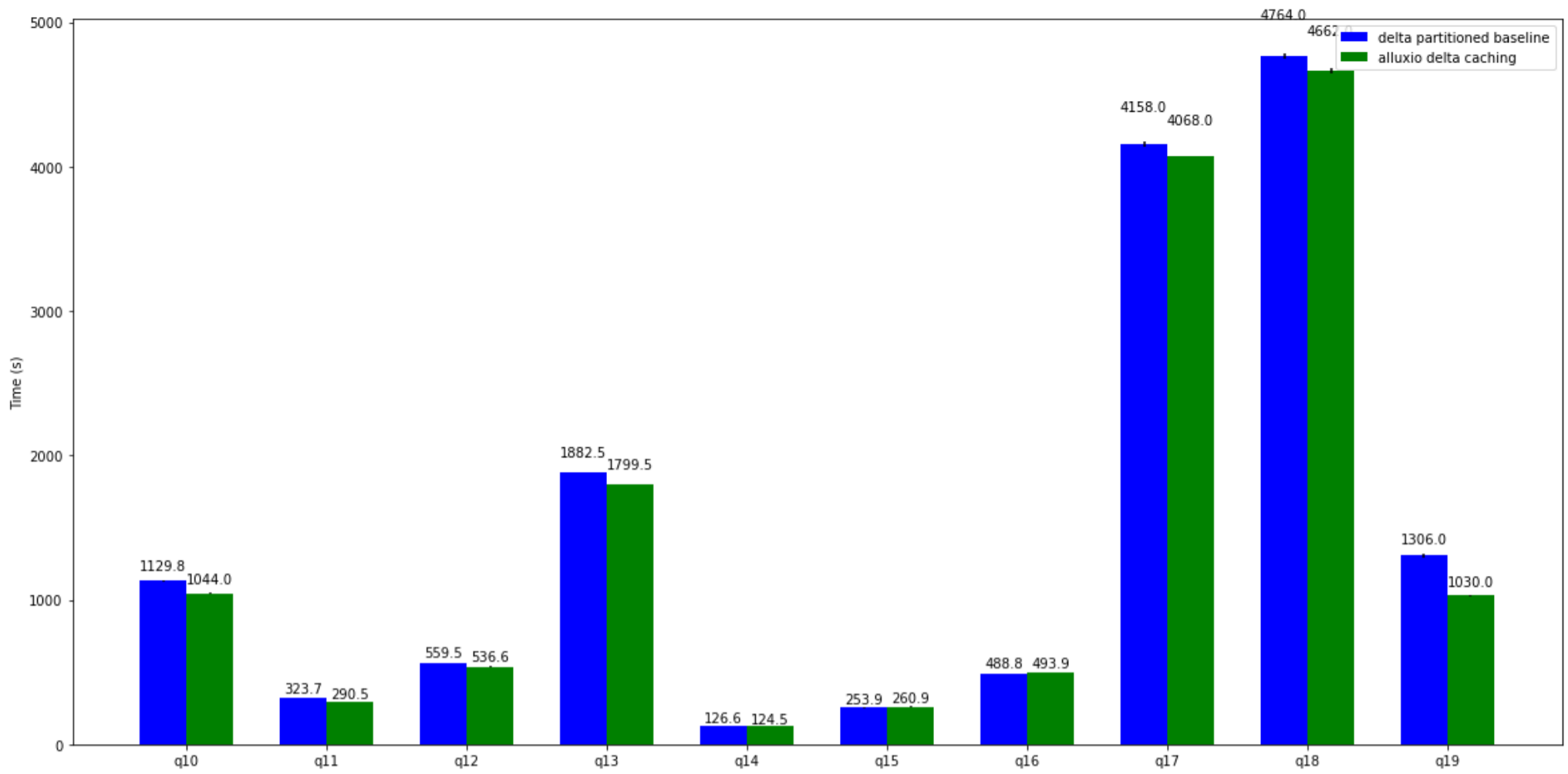
query	delta partitioned baseline mean	delta partitioned baseline std.dev	alluxio delta caching mean	alluxio delta caching std.dev
0 presto/tpcds: q01	1.365667	0.072046	1.398000	0.156186
1 presto/tpcds: q02	6.669833	0.725562	4.202167	0.229006
2 presto/tpcds: q03	1.235167	0.154804	0.883333	0.174510
3 presto/tpcds: q04	25.969000	0.633737	24.882667	0.513202
4 presto/tpcds: q05	5.537667	0.198064	5.897833	1.810408
5 presto/tpcds: q06	0.891667	0.035881	0.735000	0.036293
6 presto/tpcds: q07	2.960167	1.527303	1.672333	0.050844
7 presto/tpcds: q08	1.942000	0.202124	1.872500	0.152318
8 presto/tpcds: q09	21.447500	0.718817	9.588167	0.351150
9 presto/tpcds: q10	1.511000	0.056770	1.093333	0.101891
10 presto/tpcds: q11	15.611833	0.248349	14.927500	0.234867
11 presto/tpcds: q12	0.895667	0.025461	0.564667	0.008733
12 presto/tpcds: q13	3.739333	0.180050	3.314167	0.330330
13 presto/tpcds: q14	34.171000	0.247106	33.488667	0.439310
14 presto/tpcds: q15	0.769333	0.031829	0.844167	0.075481
15 presto/tpcds: q16	3.335167	0.113517	3.418667	0.236810
16 presto/tpcds: q17	2.860000	0.058733	2.713333	0.170413
17 presto/tpcds: q18	2.382667	0.151191	2.200833	0.281271
18 presto/tpcds: q19	1.284500	0.170735	0.968667	0.254001

	query	delta partitioned baseline mean	delta partitioned baseline std.dev	alluxio delta caching mean	alluxio delta caching std.dev
19	presto/tpcds: q20	1.113833	0.035369	0.812667	0.095437
20	presto/tpcds: q21	0.971667	0.017546	0.696500	0.004037
21	presto/tpcds: q22	4.026167	0.095103	3.864500	0.098334
22	presto/tpcds: q23	64.460333	1.409143	65.736667	1.359346
23	presto/tpcds: q24	20.987167	2.213105	14.827833	0.293786
24	presto/tpcds: q25	2.207833	0.171141	2.030333	0.212906
25	presto/tpcds: q26	1.663167	0.093624	1.475833	0.073782
26	presto/tpcds: q27	2.092167	0.075854	1.417667	0.064565
27	presto/tpcds: q28	16.186000	0.599995	8.702167	0.180679
28	presto/tpcds: q29	3.347500	0.116242	3.026833	0.171129
29	presto/tpcds: q30	2.299333	1.633977	1.078833	0.069689
30	presto/tpcds: q31	2.614333	0.141006	2.623500	0.210093
31	presto/tpcds: q32	1.303000	0.048378	0.670500	0.097940
32	presto/tpcds: q33	1.821333	0.051906	2.010667	0.152163
33	presto/tpcds: q34	1.395667	0.289799	0.861833	0.073499
34	presto/tpcds: q35	2.059167	0.027132	2.174833	0.135805
35	presto/tpcds: q36	1.936333	0.269790	1.145000	0.119486
36	presto/tpcds: q37	2.298000	0.072360	1.475167	0.104346
37	presto/tpcds: q38	5.847833	0.310457	5.838667	0.141244
38	presto/tpcds: q39	2.568833	0.036296	2.481833	0.075835
39	presto/tpcds: q40	2.752667	0.183081	1.918000	0.295451
40	presto/tpcds: q41	0.553667	0.013866	0.422833	0.009948
41	presto/tpcds: q42	0.835833	0.210622	0.587333	0.187002
42	presto/tpcds: q43	1.587500	0.150589	1.313667	0.097202
43	presto/tpcds: q44	11.537500	0.239513	4.181833	0.192824
44	presto/tpcds: q45	0.767167	0.057631	0.669833	0.022373
45	presto/tpcds: q46	1.967333	0.298488	1.204000	0.067231
46	presto/tpcds: q47	16.459000	0.754859	15.588833	0.471096
47	presto/tpcds: q48	2.598000	0.095461	2.324500	0.090230
48	presto/tpcds: q49	4.961167	1.795963	2.520333	0.248363
49	presto/tpcds: q50	14.508833	0.216526	13.080667	0.190055
50	presto/tpcds: q51	4.933500	0.110515	4.779000	0.174599
51	presto/tpcds: q52	0.728000	0.016935	0.450667	0.031785
52	presto/tpcds: q53	1.521500	0.202291	0.920167	0.025833
53	presto/tpcds: q54	5.970167	0.149922	5.016500	0.234219
54	presto/tpcds: q55	0.733000	0.033947	0.559500	0.090895
55	presto/tpcds: q56	1.764500	0.103493	1.728500	0.102356
56	presto/tpcds: q57	8.763833	0.269884	8.743333	0.406656
57	presto/tpcds: q58	2.804000	0.075699	2.876167	0.252640
58	presto/tpcds: q59	5.669500	0.120228	5.527500	0.075796
59	presto/tpcds: q60	2.038667	0.159498	1.987667	0.089690
60	presto/tpcds: q61	2.322833	0.220059	1.930000	0.039171
61	presto/tpcds: q62	2.513500	0.177250	2.330167	0.086933
62	presto/tpcds: q63	1.681833	0.320293	0.907833	0.039892
63	presto/tpcds: q64	45.680000	1.329109	42.682833	1.490663
64	presto/tpcds: q65	7.682333	0.293289	7.512833	0.326453
65	presto/tpcds: q66	2.525667	0.230612	1.987500	0.138050
66	presto/tpcds: q67	49.983500	0.712173	50.797500	0.577587
67	presto/tpcds: q68	1.418500	0.146208	1.156000	0.309073
68	presto/tpcds: q69	1.513667	0.092064	1.472000	0.182351
69	presto/tpcds: q70	5.930667	0.133913	6.581000	0.326218
70	presto/tpcds: q71	2.297333	0.318687	1.959833	0.052090
71	presto/tpcds: q72	6.466833	0.199582	12.194667	1.874706
72	presto/tpcds: q73	0.855000	0.195223	0.682333	0.136023
73	presto/tpcds: q74	9.324667	0.094082	9.027667	0.143574
74	presto/tpcds: q75	17.009500	0.767408	14.746167	0.892428
75	presto/tpcds: q76	7.182833	0.135481	3.207333	0.208578

	query	delta partitioned baseline mean	delta partitioned baseline std.dev	alluxio delta caching mean	alluxio delta caching std.dev
76	presto/tpcds: q77	2.231333	0.060817	1.594500	0.305182
77	presto/tpcds: q78	23.248000	0.250947	23.550833	1.329614
78	presto/tpcds: q79	1.746833	0.074679	1.514500	0.122790
79	presto/tpcds: q80	10.152500	0.378409	8.635667	0.244972
80	presto/tpcds: q81	1.756500	0.068943	1.513167	0.023077
81	presto/tpcds: q82	3.707500	0.175288	2.737500	0.075442
82	presto/tpcds: q83	0.877000	0.026758	0.813667	0.108282
83	presto/tpcds: q84	1.804167	0.071555	1.319667	0.118493
84	presto/tpcds: q85	5.981000	0.120807	5.042167	0.112658
85	presto/tpcds: q86	1.667000	0.049542	1.601667	0.167220
86	presto/tpcds: q87	5.729333	0.044505	5.743500	0.021603
87	presto/tpcds: q88	15.329000	0.171202	11.919000	0.059404
88	presto/tpcds: q89	1.577000	0.032422	1.236500	0.120756
89	presto/tpcds: q90	2.117333	0.057260	1.405167	0.194396
90	presto/tpcds: q91	1.160167	0.059798	0.927167	0.079124
91	presto/tpcds: q92	0.606167	0.064061	0.544500	0.063852
92	presto/tpcds: q93	19.609500	0.192117	18.436000	0.291015
93	presto/tpcds: q94	2.305333	0.149039	2.017667	0.101968
94	presto/tpcds: q95	9.768833	0.282196	9.478667	0.152014
95	presto/tpcds: q96	2.552833	0.092625	1.952500	0.137779
96	presto/tpcds: q97	12.382333	0.254223	12.817500	0.288644
97	presto/tpcds: q98	1.942333	0.101081	1.499500	0.031691
98	presto/tpcds: q99	4.131500	0.171167	3.764333	0.048231

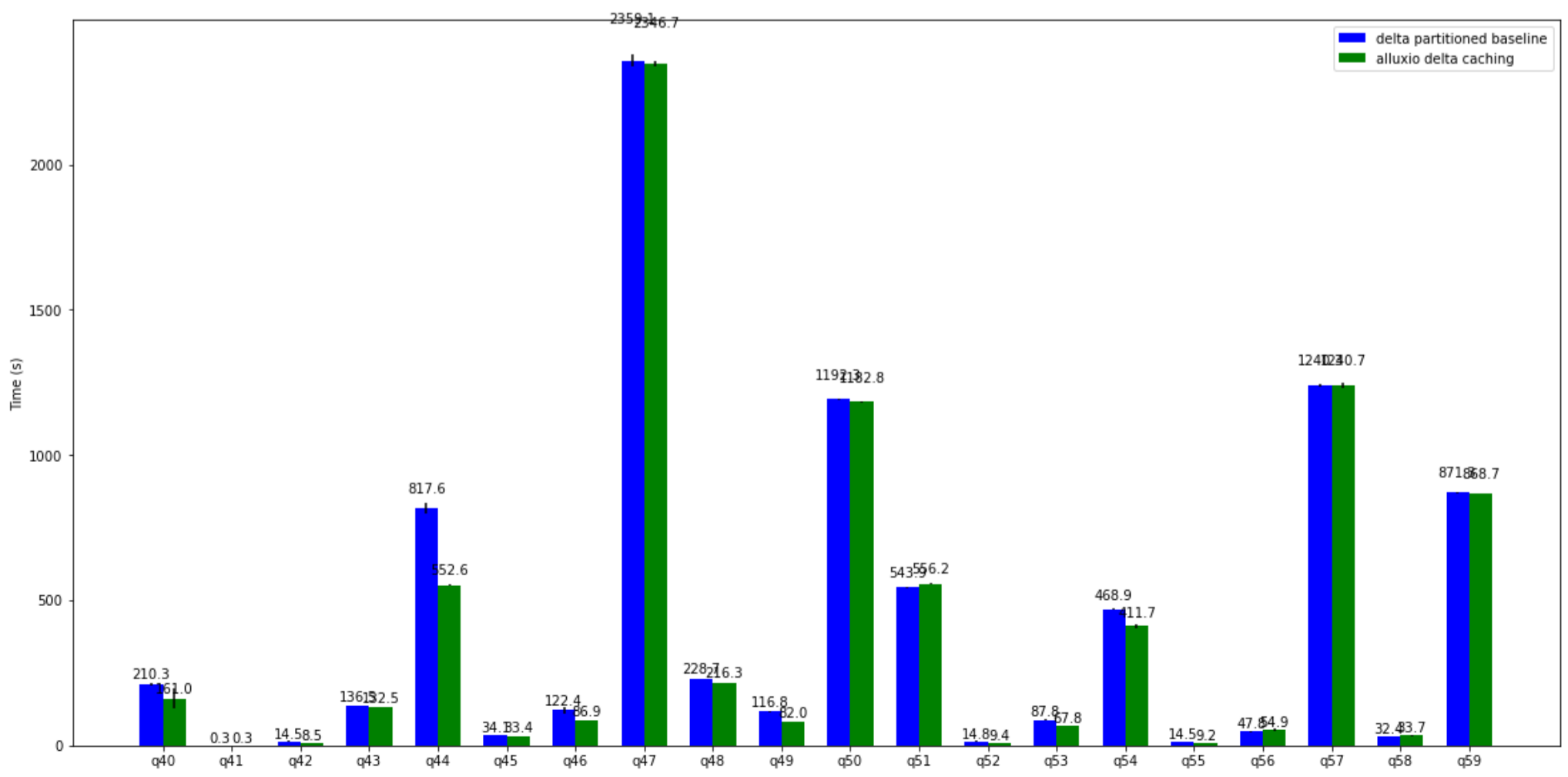
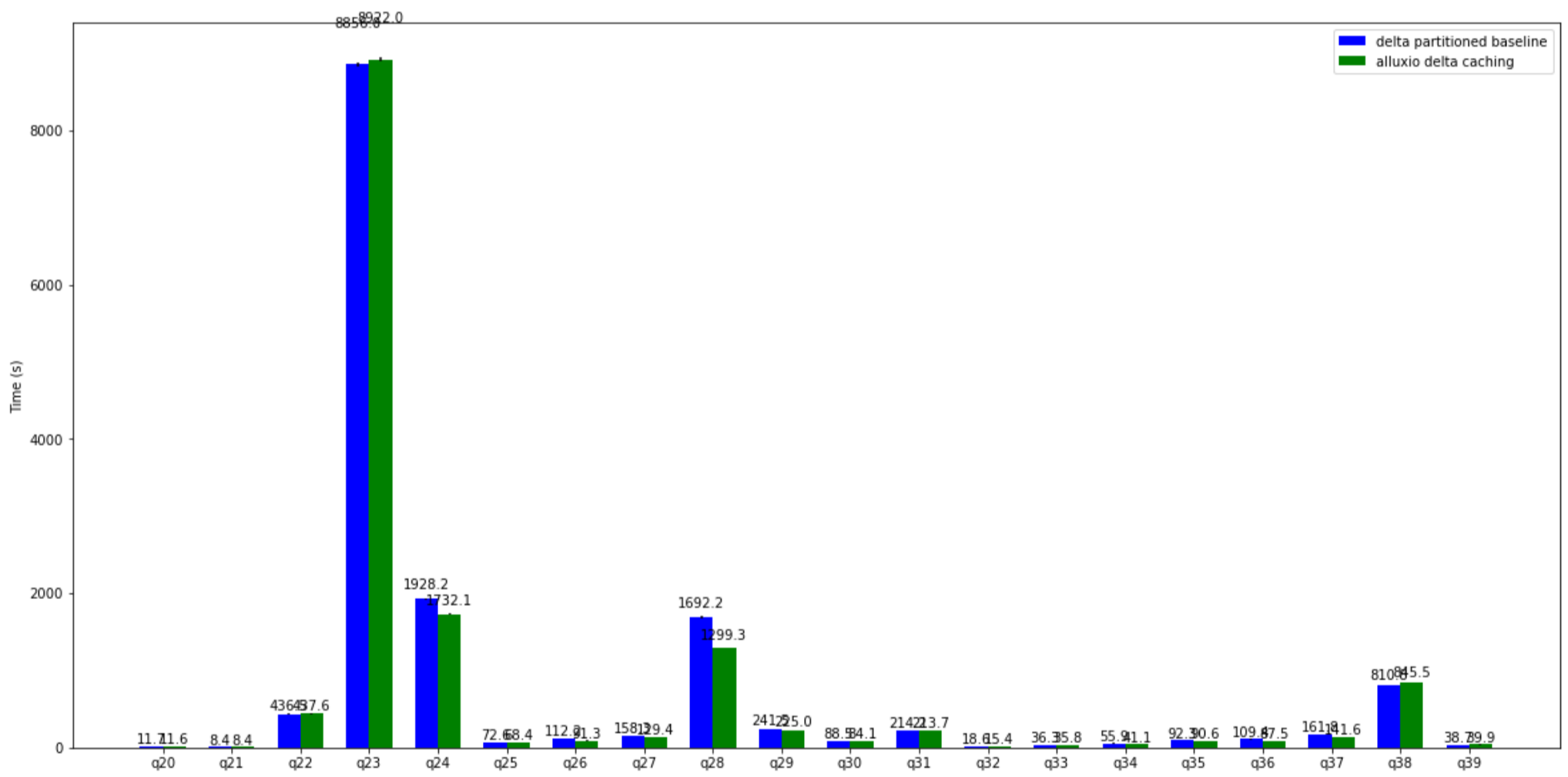
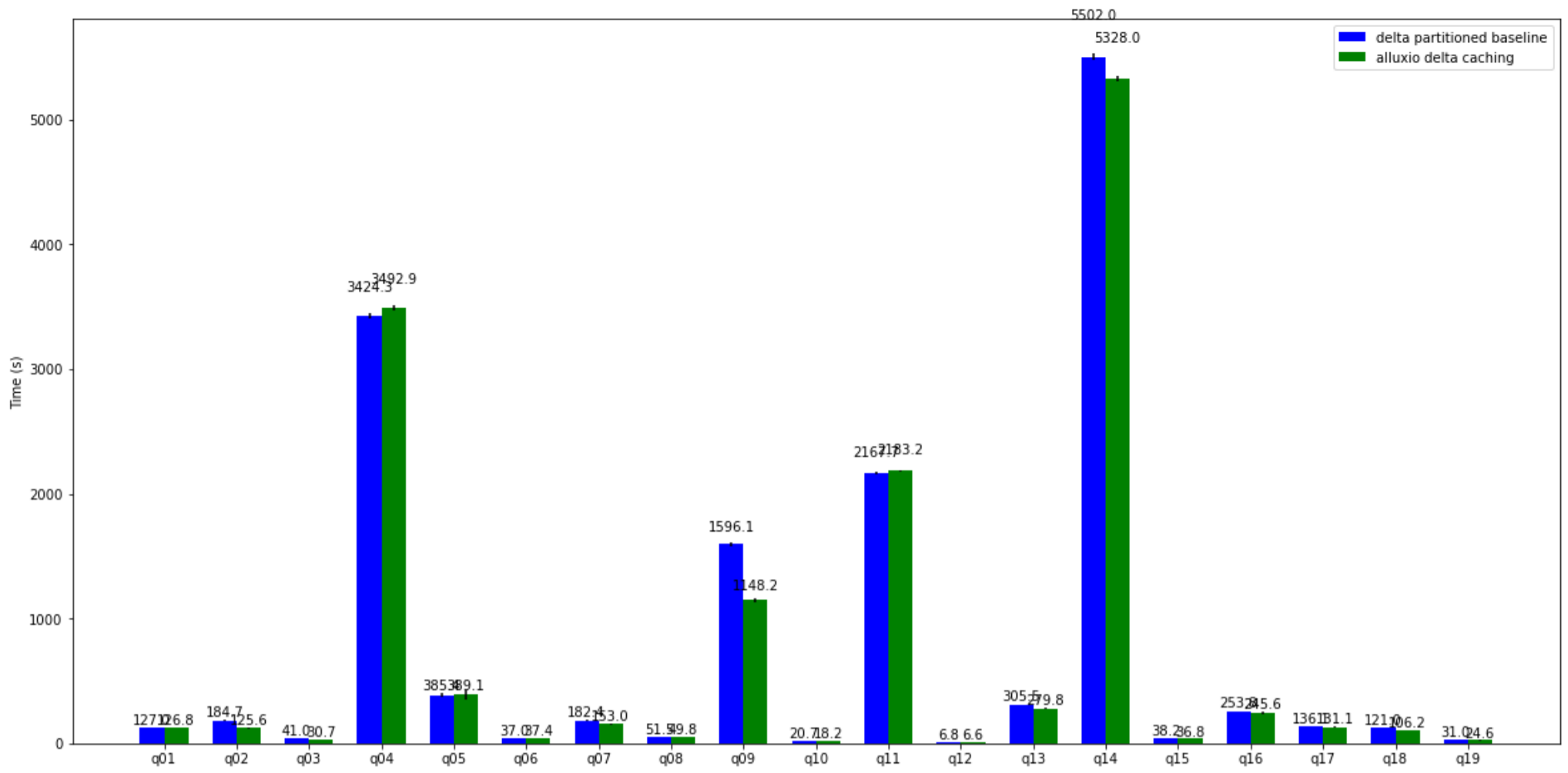
TPC-H Comparison (CPU)

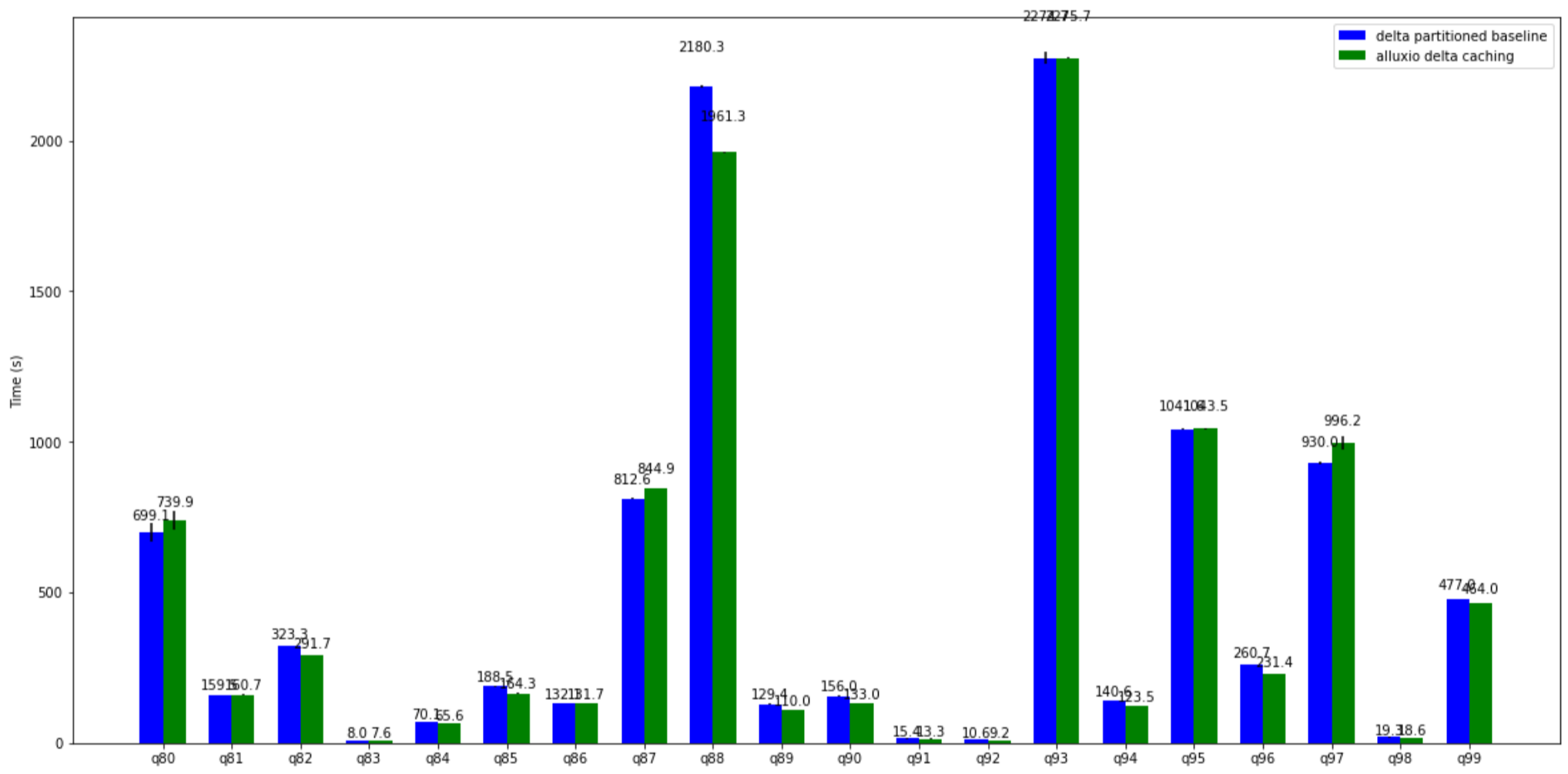
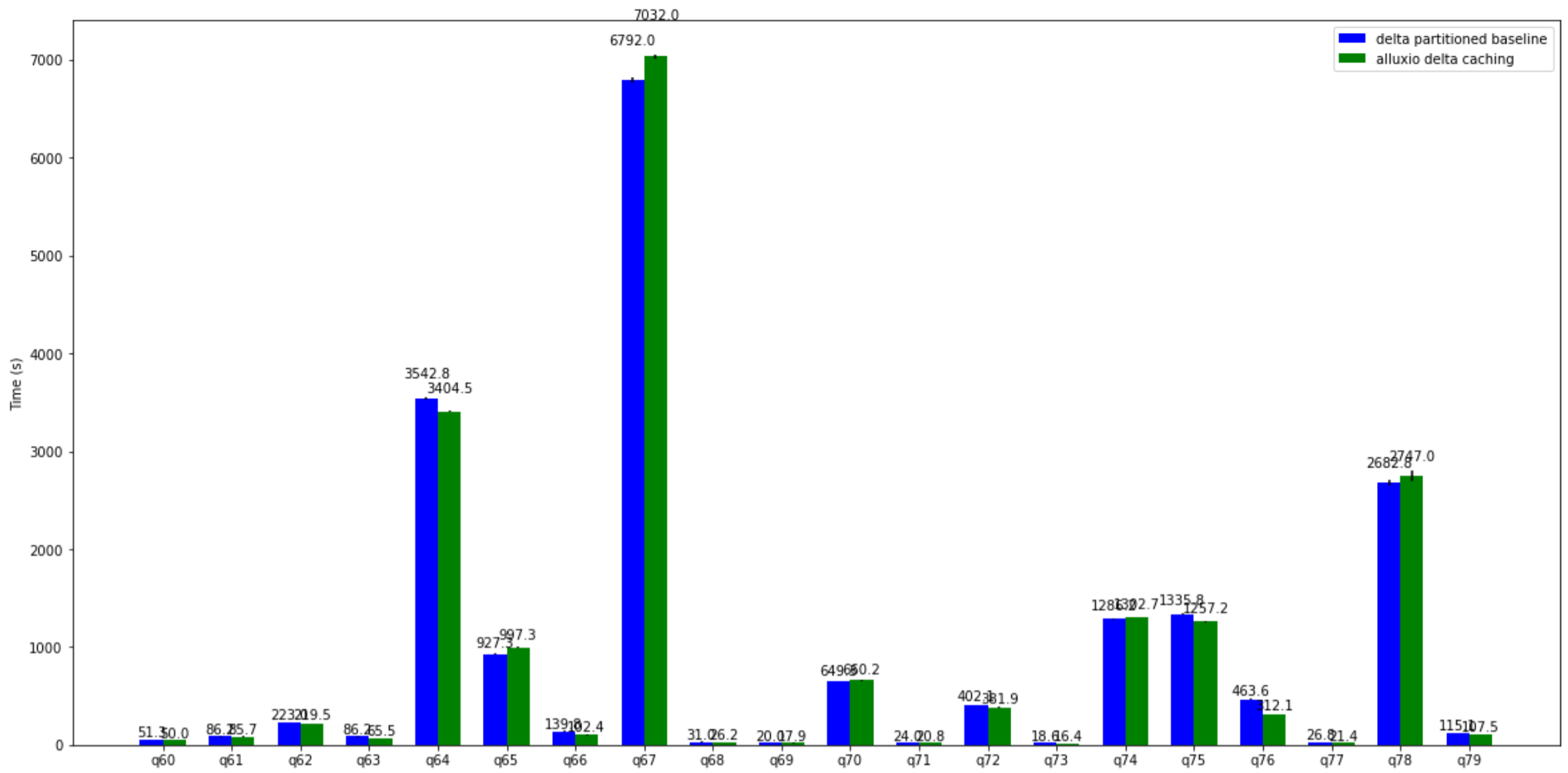




query	delta partitioned baseline mean	delta partitioned baseline std.dev	alluxio delta caching mean	alluxio delta caching std.dev
0 presto/tpch: q01	1235.7	2.362202	1105.900000	2.471437
1 presto/tpch: q02	403.1	2.773446	373.700000	1.440833
2 presto/tpch: q03	1148.5	1.489966	1090.500000	1.553061
3 presto/tpch: q04	1802.5	3.138790	1762.700000	1.756132
4 presto/tpch: q05	2807.6	21.404672	2622.200000	7.624172
5 presto/tpch: q06	78.0	0.379473	55.421667	0.078846
6 presto/tpch: q07	1005.4	2.359661	896.600000	7.075592
7 presto/tpch: q08	1739.9	29.092061	1364.700000	11.210531
8 presto/tpch: q09	4176.0	45.536798	3822.000000	35.394915
9 presto/tpch: q10	1129.8	2.459268	1044.000000	4.309988
10 presto/tpch: q11	323.7	1.925617	290.500000	0.883176
11 presto/tpch: q12	559.5	0.629285	536.600000	2.979933
12 presto/tpch: q13	1882.5	1.925617	1799.500000	3.115766
13 presto/tpch: q14	126.6	0.000000	124.500000	0.328634
14 presto/tpch: q15	253.9	2.126970	260.900000	0.883176
15 presto/tpch: q16	488.8	1.402854	493.900000	0.451664
16 presto/tpch: q17	4158.0	19.718012	4068.000000	0.000000
17 presto/tpch: q18	4764.0	18.590320	4662.000000	19.718012
18 presto/tpch: q19	1306.0	10.023173	1030.000000	2.931211
19 presto/tpch: q20	1066.1	4.333590	1086.000000	2.889983
20 presto/tpch: q21	6966.0	19.718012	6624.000000	0.000000
21 presto/tpch: q22	476.5	1.836301	446.700000	1.686416

TPC-DS Comparison (CPU)





query	delta partitioned baseline mean	delta partitioned baseline std.dev	alluxio delta caching mean	alluxio delta caching std.dev
0 presto/tpcds: q01	127.000000	1.549193	126.800000	1.179830
1 presto/tpcds: q02	184.700000	2.529031	125.600000	5.507813
2 presto/tpcds: q03	41.048333	1.243035	30.718333	3.560895
3 presto/tpcds: q04	3424.300000	23.726694	3492.900000	20.956240
4 presto/tpcds: q05	385.400000	14.914154	389.100000	34.397849
5 presto/tpcds: q06	37.023333	0.407709	37.421667	0.410191
6 presto/tpcds: q07	182.400000	3.539491	153.000000	2.308246
7 presto/tpcds: q08	51.456667	0.193770	49.846667	0.197349
8 presto/tpcds: q09	1596.100000	12.298780	1148.200000	17.829863
9 presto/tpcds: q10	20.656667	0.128167	18.158333	0.222838
10 presto/tpcds: q11	2167.700000	8.454821	2183.200000	5.546891
11 presto/tpcds: q12	6.771667	0.070261	6.590000	0.054772
12 presto/tpcds: q13	305.500000	1.628496	279.800000	1.639512
13 presto/tpcds: q14	5502.000000	27.099815	5328.000000	22.768399
14 presto/tpcds: q15	38.155000	0.128180	36.811667	0.120568
15 presto/tpcds: q16	253.800000	1.654086	245.600000	12.253326
16 presto/tpcds: q17	136.100000	0.451664	131.100000	0.328634
17 presto/tpcds: q18	121.000000	0.309839	106.200000	0.848528
18 presto/tpcds: q19	30.968333	1.444222	24.628333	0.459931

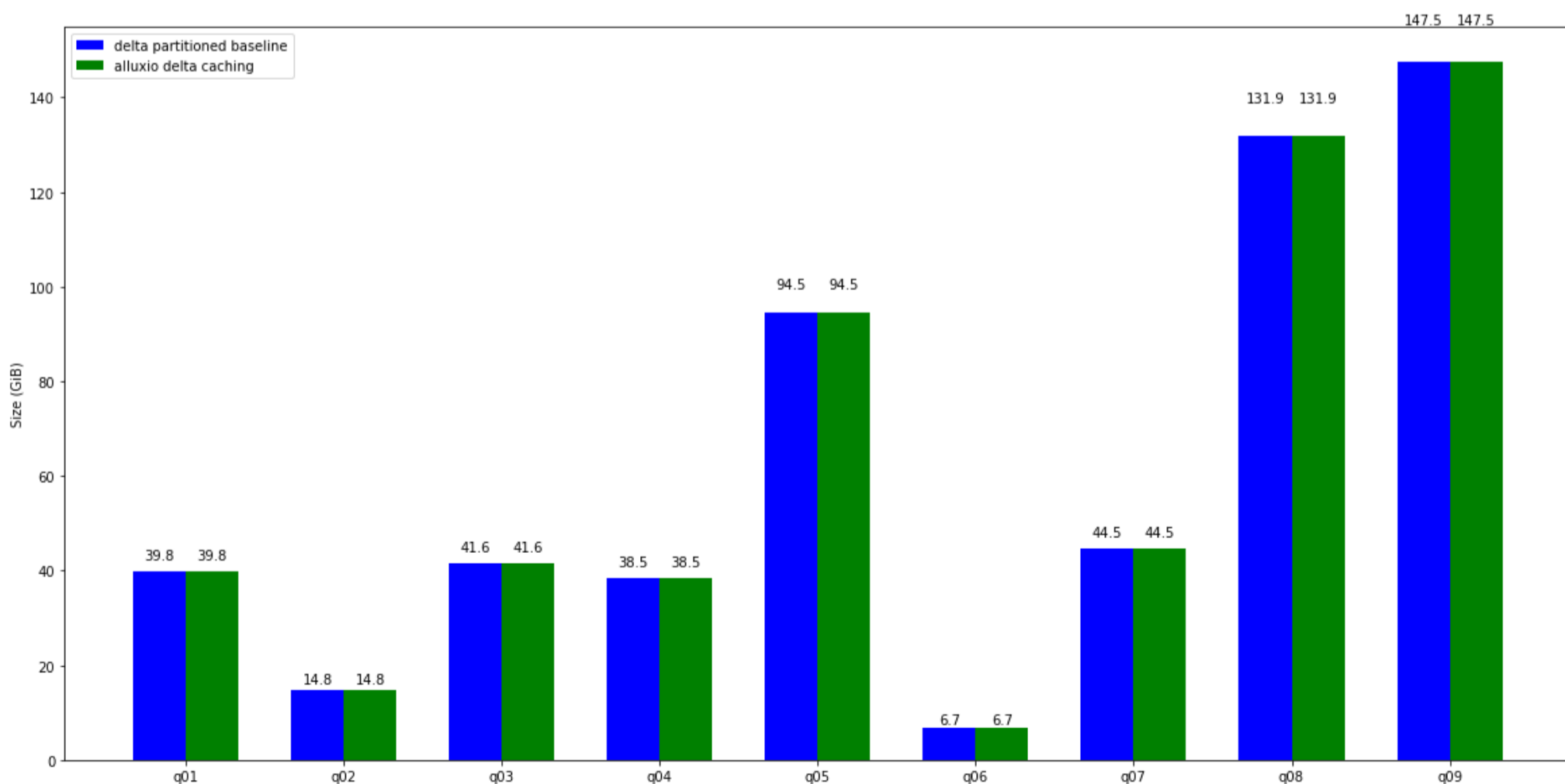
	query	delta partitioned baseline mean	delta partitioned baseline std.dev	alluxio delta caching mean	alluxio delta caching std.dev
19	presto/tpcds: q20	11.738333	0.051543	11.565000	0.079687
20	presto/tpcds: q21	8.423333	0.130945	8.435000	0.113270
21	presto/tpcds: q22	436.500000	1.244186	437.600000	0.726636
22	presto/tpcds: q23	8856.000000	22.768399	8922.000000	27.099815
23	presto/tpcds: q24	1928.200000	4.468557	1732.100000	10.071544
24	presto/tpcds: q25	72.600000	0.379473	68.400000	0.929516
25	presto/tpcds: q26	112.200000	0.657267	91.300000	1.100909
26	presto/tpcds: q27	158.300000	1.440833	129.400000	0.309839
27	presto/tpcds: q28	1692.200000	17.553119	1299.300000	1.056409
28	presto/tpcds: q29	241.500000	0.827043	225.000000	0.379473
29	presto/tpcds: q30	88.500000	0.328634	84.100000	1.337161
30	presto/tpcds: q31	214.200000	1.073313	213.700000	0.589915
31	presto/tpcds: q32	18.560000	0.327475	15.448333	0.220673
32	presto/tpcds: q33	36.308333	0.357682	35.843333	0.214911
33	presto/tpcds: q34	55.946667	10.231726	41.125000	0.879699
34	presto/tpcds: q35	92.300000	0.451664	90.600000	0.657267
35	presto/tpcds: q36	109.400000	4.704041	87.500000	0.589915
36	presto/tpcds: q37	161.800000	0.309839	141.600000	0.000000
37	presto/tpcds: q38	810.800000	2.619924	845.500000	0.451664
38	presto/tpcds: q39	38.655000	0.295888	39.886667	0.407415
39	presto/tpcds: q40	210.300000	5.508902	161.000000	34.894355
40	presto/tpcds: q41	0.338667	0.005465	0.303000	0.003286
41	presto/tpcds: q42	14.516667	1.159598	8.485000	0.231236
42	presto/tpcds: q43	136.500000	0.629285	132.500000	1.756132
43	presto/tpcds: q44	817.600000	18.006665	552.600000	3.579944
44	presto/tpcds: q45	34.095000	0.083845	33.403333	0.095219
45	presto/tpcds: q46	122.400000	10.739832	86.900000	0.797496
46	presto/tpcds: q47	2359.100000	20.454339	2346.700000	9.181503
47	presto/tpcds: q48	228.700000	0.451664	216.300000	0.629285
48	presto/tpcds: q49	116.800000	0.819756	82.000000	0.903327
49	presto/tpcds: q50	1192.300000	1.583667	1182.800000	1.050714
50	presto/tpcds: q51	543.900000	0.629285	556.200000	1.419859
51	presto/tpcds: q52	14.796667	0.684388	9.390000	0.154402
52	presto/tpcds: q53	87.800000	1.995996	67.800000	0.000000
53	presto/tpcds: q54	468.900000	2.204541	411.700000	6.929069
54	presto/tpcds: q55	14.548333	0.453317	9.161667	0.098268
55	presto/tpcds: q56	47.768333	1.735378	54.903333	3.711068
56	presto/tpcds: q57	1240.300000	5.944746	1240.700000	9.588118
57	presto/tpcds: q58	32.421667	0.115311	33.696667	0.553450
58	presto/tpcds: q59	871.300000	2.160555	868.700000	0.701427
59	presto/tpcds: q60	51.258333	0.419400	49.963333	0.442252
60	presto/tpcds: q61	86.200000	7.586303	85.700000	2.557342
61	presto/tpcds: q62	223.000000	0.309839	219.500000	0.451664
62	presto/tpcds: q63	86.200000	2.701111	65.500000	0.701427
63	presto/tpcds: q64	3542.800000	12.703385	3404.500000	6.609992
64	presto/tpcds: q65	927.300000	3.280854	997.300000	1.389964
65	presto/tpcds: q66	139.800000	2.762607	102.400000	4.839835
66	presto/tpcds: q67	6792.000000	29.393877	7032.000000	18.590320
67	presto/tpcds: q68	30.955000	0.599024	26.198333	0.757876
68	presto/tpcds: q69	19.986667	0.743308	17.930000	1.029252
69	presto/tpcds: q70	649.300000	4.480625	660.200000	2.449490
70	presto/tpcds: q71	23.971667	0.786446	20.756667	0.427582
71	presto/tpcds: q72	402.100000	1.282186	381.900000	4.811237
72	presto/tpcds: q73	18.631667	0.311988	16.433333	0.095219
73	presto/tpcds: q74	1286.200000	3.003997	1302.700000	4.745946
74	presto/tpcds: q75	1335.800000	8.945166	1257.200000	5.813089
75	presto/tpcds: q76	463.600000	4.403635	312.100000	1.489966

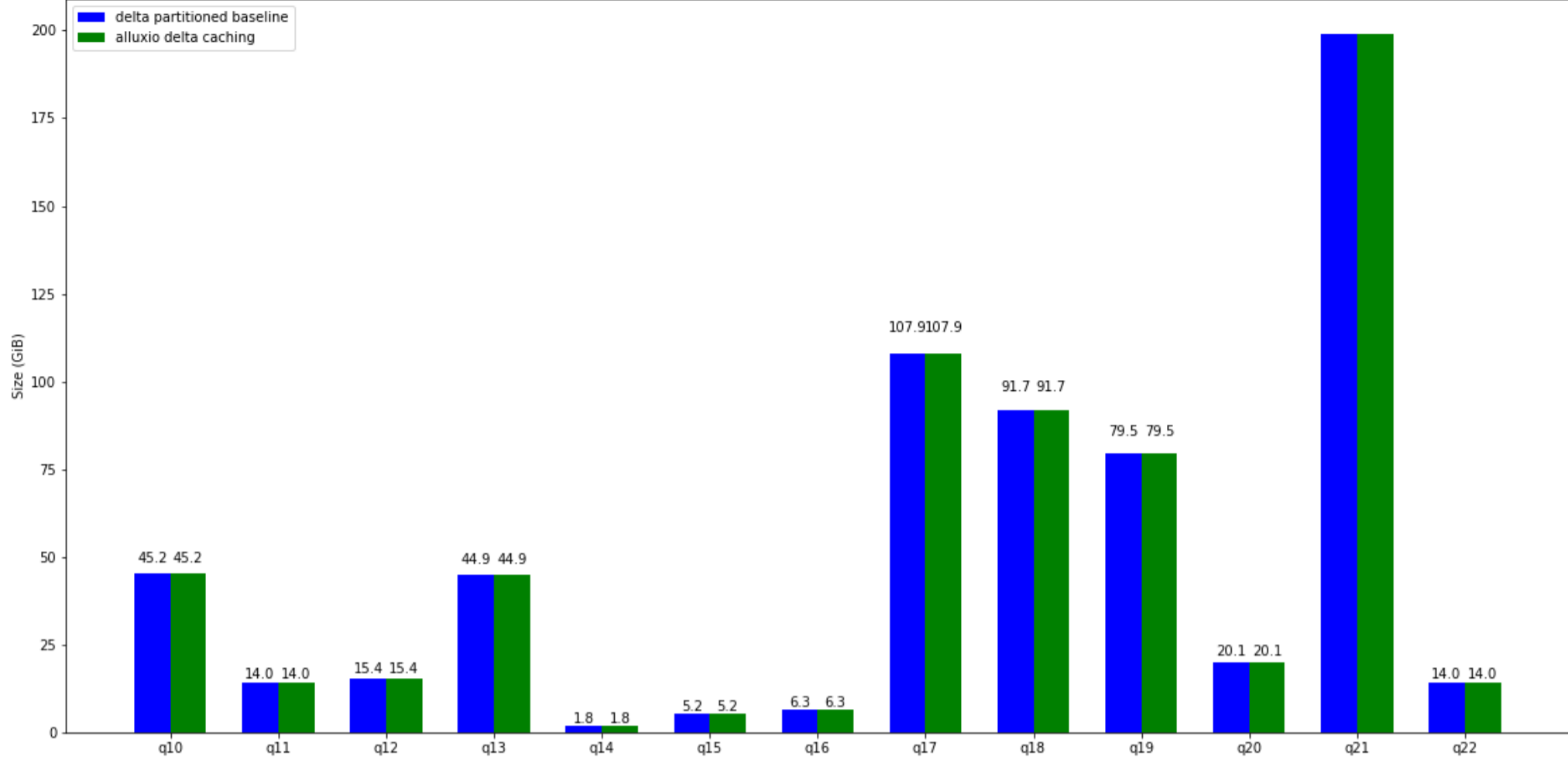
	query	delta partitioned baseline mean	delta partitioned baseline std.dev	alluxio delta caching mean	alluxio delta caching std.dev
76	presto/tpcds: q77	26.783333	0.641550	21.385000	1.536044
77	presto/tpcds: q78	2682.800000	25.989536	2747.000000	57.765595
78	presto/tpcds: q79	115.100000	0.701427	107.500000	0.701427
79	presto/tpcds: q80	699.100000	31.419421	739.900000	32.567161
80	presto/tpcds: q81	159.500000	0.244949	160.700000	0.451664
81	presto/tpcds: q82	323.300000	1.033441	291.700000	0.451664
82	presto/tpcds: q83	7.970000	0.090554	7.613333	0.133517
83	presto/tpcds: q84	70.100000	0.451664	65.600000	0.309839
84	presto/tpcds: q85	188.500000	1.224745	164.300000	1.672124
85	presto/tpcds: q86	132.100000	0.451664	131.700000	0.328634
86	presto/tpcds: q87	812.600000	1.766352	844.900000	0.589915
87	presto/tpcds: q88	2180.300000	3.360357	1961.300000	0.701427
88	presto/tpcds: q89	129.400000	1.350555	110.000000	0.619677
89	presto/tpcds: q90	156.000000	1.003992	133.000000	0.309839
90	presto/tpcds: q91	15.366667	1.494867	13.288333	1.630158
91	presto/tpcds: q92	10.563333	0.231229	9.206667	0.230536
92	presto/tpcds: q93	2274.700000	20.657493	2275.700000	2.721029
93	presto/tpcds: q94	140.600000	0.489898	123.500000	0.961249
94	presto/tpcds: q95	1041.600000	1.697056	1043.500000	3.667697
95	presto/tpcds: q96	260.700000	0.629285	231.400000	0.309839
96	presto/tpcds: q97	930.000000	3.659508	996.200000	21.498651
97	presto/tpcds: q98	19.298333	0.272207	18.616667	0.046332
98	presto/tpcds: q99	477.000000	0.657267	464.000000	0.619677

TPC-H Comparison (Peak memory)

TPC-DS Comparison (Peak memory)

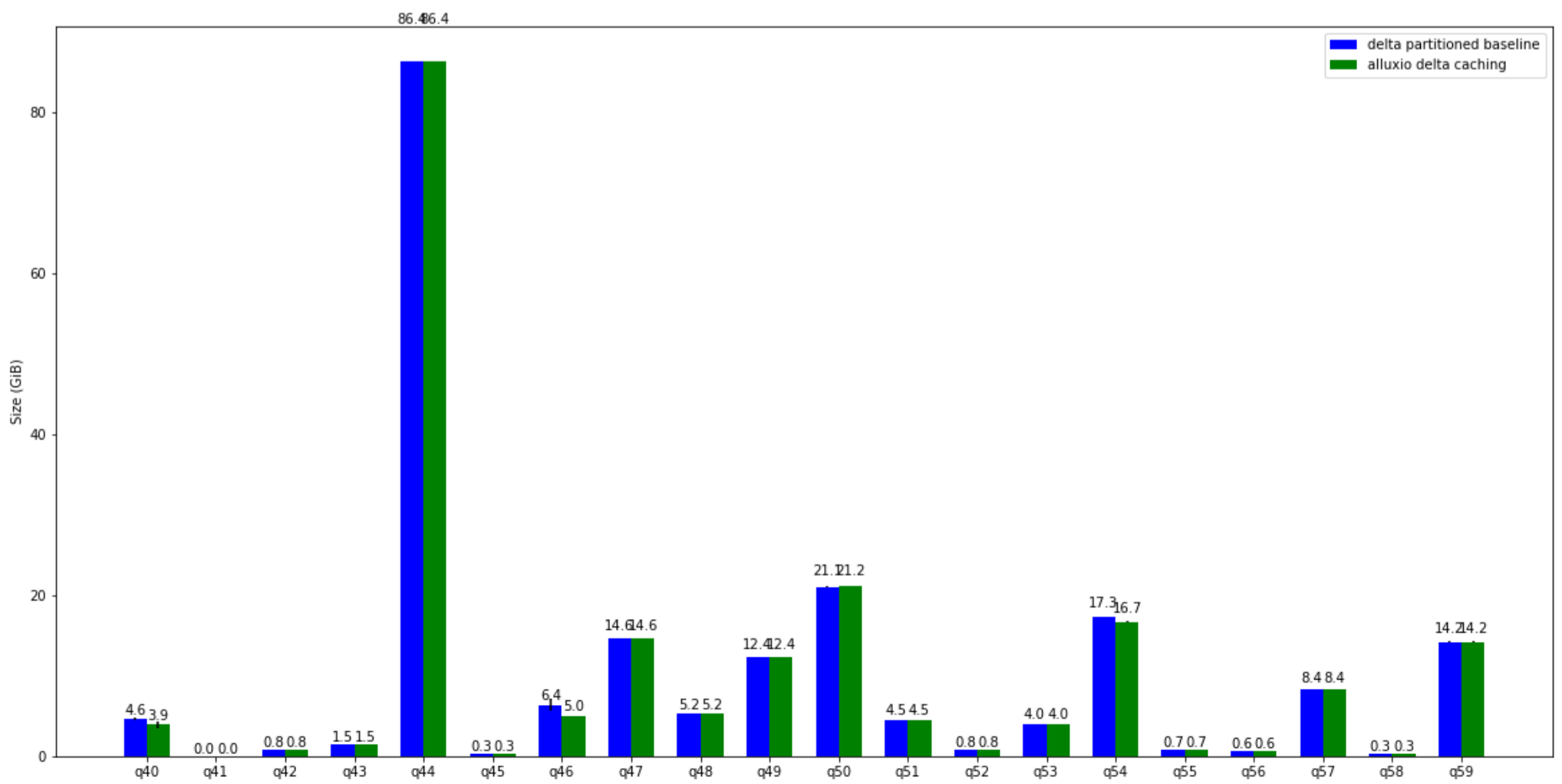
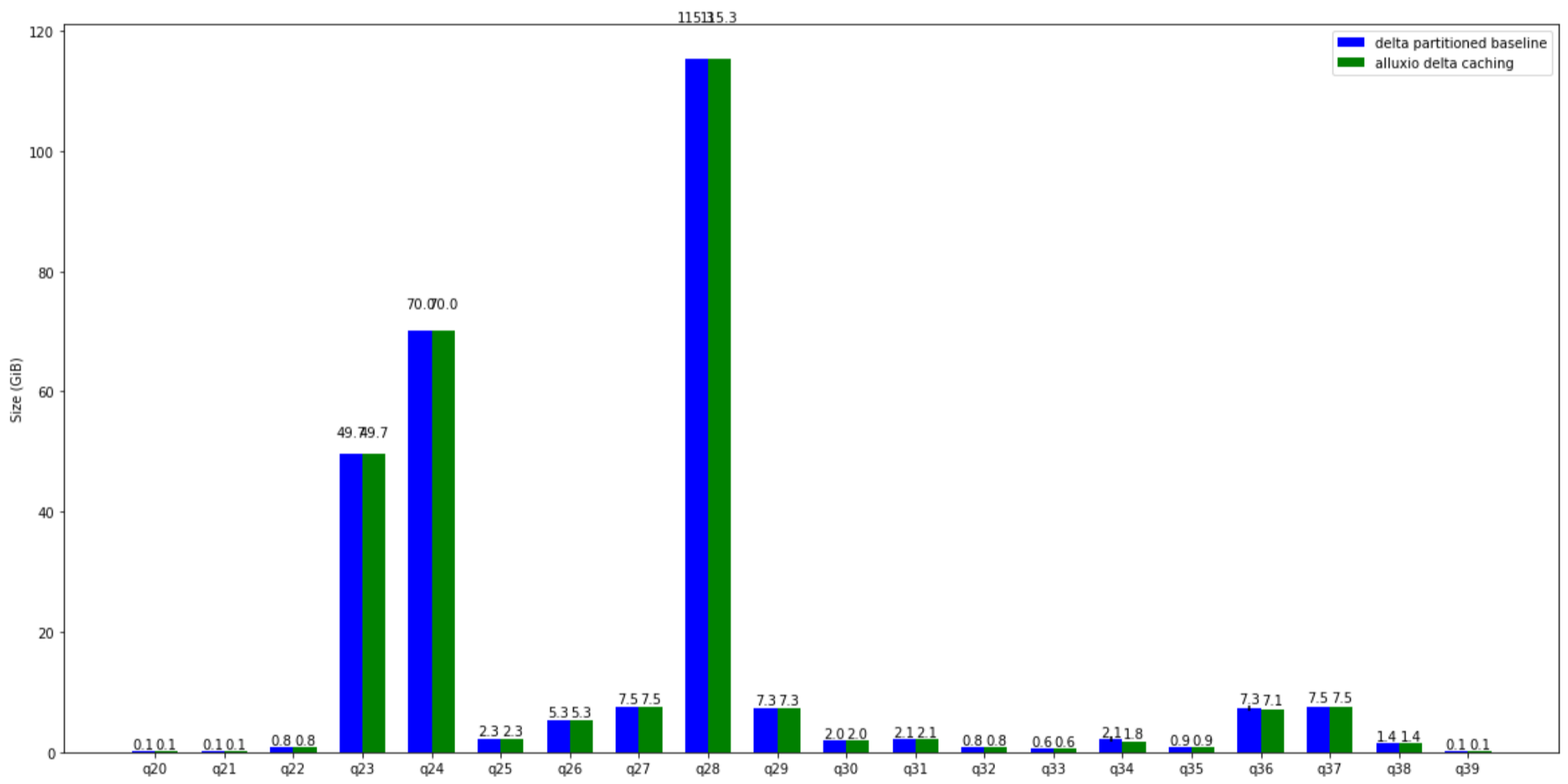
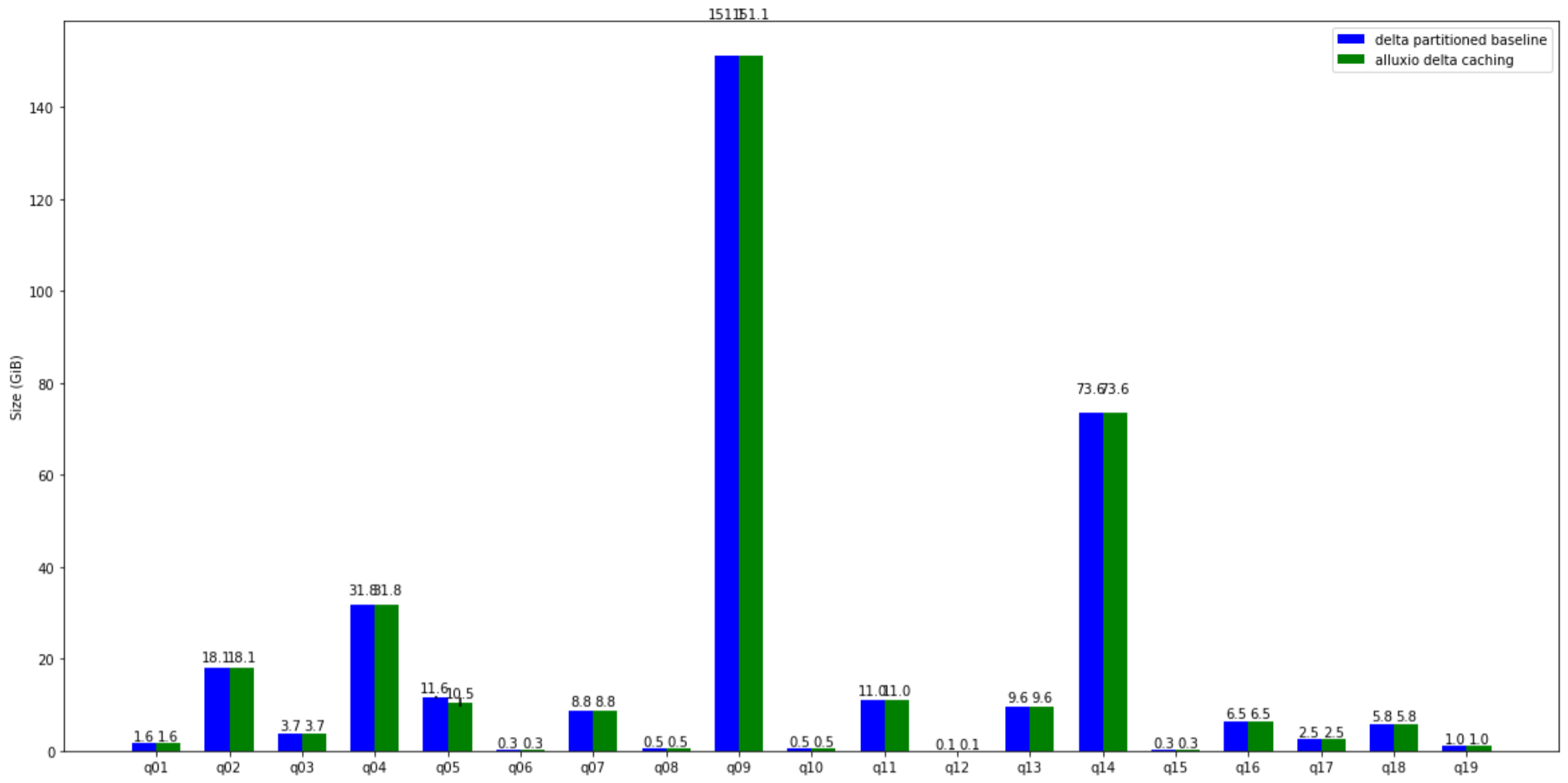
TPC-H Comparison (physicalInputDataSize)

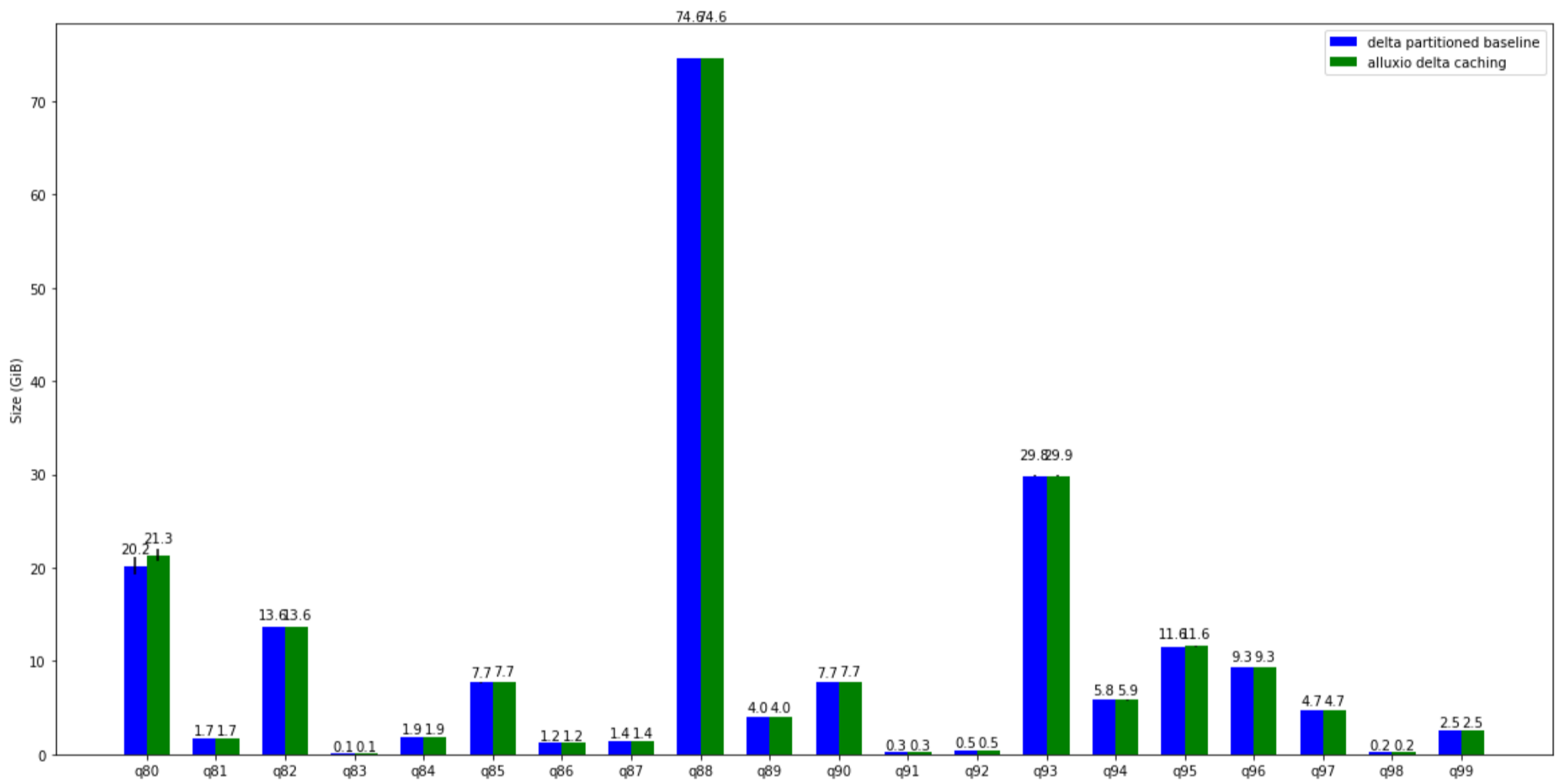
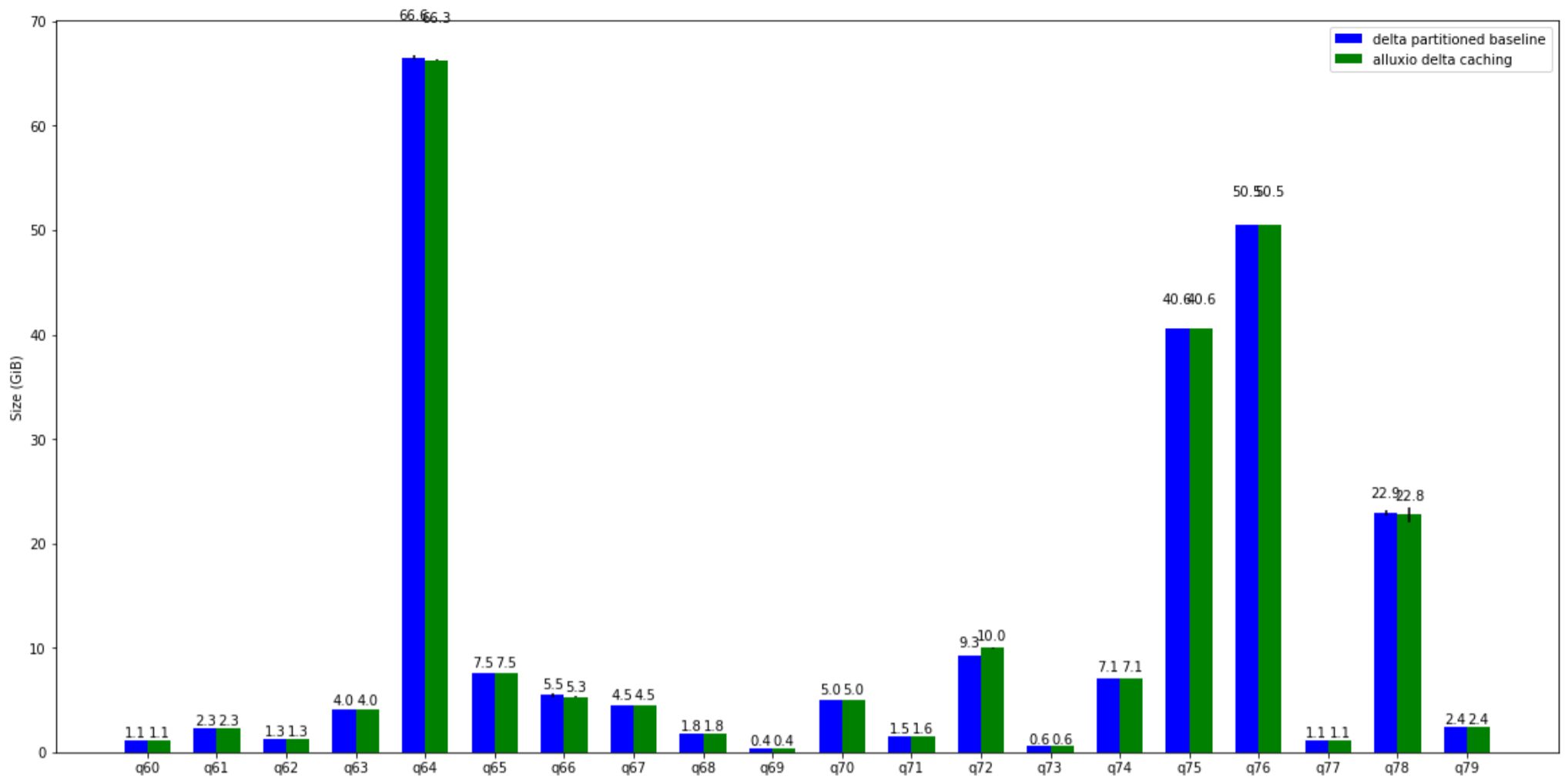




query	delta partitioned baseline mean	delta partitioned baseline std.dev	alluxio delta caching mean	alluxio delta caching std.dev
0 presto/tpch: q01	39.762 GiB	0	39.762 GiB	0
1 presto/tpch: q02	14.815 GiB	0	14.815 GiB	0
2 presto/tpch: q03	41.556 GiB	0	41.556 GiB	0
3 presto/tpch: q04	38.537 GiB	0	38.537 GiB	0
4 presto/tpch: q05	94.506 GiB	0	94.506 GiB	0
5 presto/tpch: q06	6.706 GiB	0	6.706 GiB	0
6 presto/tpch: q07	44.541 GiB	0	44.541 GiB	0
7 presto/tpch: q08	131.911 GiB	0	131.911 GiB	0
8 presto/tpch: q09	147.503 GiB	0	147.503 GiB	0
9 presto/tpch: q10	45.226 GiB	0	45.226 GiB	0
10 presto/tpch: q11	13.995 GiB	0	13.995 GiB	0
11 presto/tpch: q12	15.416 GiB	0	15.416 GiB	0
12 presto/tpch: q13	44.925 GiB	0	44.925 GiB	0
13 presto/tpch: q14	1.791 GiB	0	1.791 GiB	0
14 presto/tpch: q15	5.206 GiB	0	5.206 GiB	0
15 presto/tpch: q16	6.309 GiB	0	6.309 GiB	0
16 presto/tpch: q17	107.943 GiB	0	107.943 GiB	0
17 presto/tpch: q18	91.725 GiB	0	91.725 GiB	0
18 presto/tpch: q19	79.541 GiB	0	79.541 GiB	0
19 presto/tpch: q20	20.070 GiB	0	20.070 GiB	0
20 presto/tpch: q21	198.977 GiB	0	198.977 GiB	0
21 presto/tpch: q22	14.010 GiB	0	14.010 GiB	0

TPC-DS Comparison (physicalInputDataSize)





query	delta partitioned baseline mean	delta partitioned baseline std.dev	alluxio delta caching mean	alluxio delta caching std.dev
0 presto/tpcds: q01	1.630 GiB	1.456 MiB	1.630 GiB	556.156 KiB
1 presto/tpcds: q02	18.079 GiB	0	18.079 GiB	0
2 presto/tpcds: q03	3.740 GiB	0	3.740 GiB	0
3 presto/tpcds: q04	31.840 GiB	0	31.840 GiB	0
4 presto/tpcds: q05	11.581 GiB	224.139 MiB	10.501 GiB	1.031 GiB
5 presto/tpcds: q06	307.471 MiB	0	307.471 MiB	0
6 presto/tpcds: q07	8.780 GiB	0	8.780 GiB	0
7 presto/tpcds: q08	488.081 MiB	0	488.033 MiB	120.666 KiB
8 presto/tpcds: q09	151.121 GiB	0	151.121 GiB	0
9 presto/tpcds: q10	476.602 MiB	0	476.602 MiB	0
10 presto/tpcds: q11	10.998 GiB	0	10.998 GiB	0
11 presto/tpcds: q12	79.470 MiB	0	79.470 MiB	0
12 presto/tpcds: q13	9.649 GiB	0	9.649 GiB	0
13 presto/tpcds: q14	73.632 GiB	0	73.632 GiB	0
14 presto/tpcds: q15	333.596 MiB	0	333.596 MiB	0
15 presto/tpcds: q16	6.472 GiB	37.526 MiB	6.457 GiB	0
16 presto/tpcds: q17	2.537 GiB	2.106 MiB	2.543 GiB	0
17 presto/tpcds: q18	5.755 GiB	0	5.755 GiB	0

	query	delta partitioned baseline mean	delta partitioned baseline std.dev	alluxio delta caching mean	alluxio delta caching std.dev
18	presto/tpcds: q19	1.038 GiB	0	1.038 GiB	0
19	presto/tpcds: q20	142.948 MiB	0	142.948 MiB	0
20	presto/tpcds: q21	144.648 MiB	0	144.648 MiB	0
21	presto/tpcds: q22	812.802 MiB	0	812.802 MiB	0
22	presto/tpcds: q23	49.666 GiB	0	49.666 GiB	0
23	presto/tpcds: q24	70.016 GiB	0	70.016 GiB	0
24	presto/tpcds: q25	2.276 GiB	698.825 KiB	2.278 GiB	0
25	presto/tpcds: q26	5.253 GiB	0	5.253 GiB	0
26	presto/tpcds: q27	7.468 GiB	0	7.468 GiB	0
27	presto/tpcds: q28	115.306 GiB	0	115.306 GiB	0
28	presto/tpcds: q29	7.257 GiB	1.489 MiB	7.259 GiB	0
29	presto/tpcds: q30	1.966 GiB	0	1.966 GiB	0
30	presto/tpcds: q31	2.084 GiB	0	2.084 GiB	0
31	presto/tpcds: q32	804.960 MiB	0	804.960 MiB	0
32	presto/tpcds: q33	602.168 MiB	0	602.168 MiB	0
33	presto/tpcds: q34	2.148 GiB	483.049 MiB	1.765 GiB	42.011 MiB
34	presto/tpcds: q35	919.164 MiB	0	919.164 MiB	0
35	presto/tpcds: q36	7.329 GiB	475.015 MiB	7.076 GiB	26.810 MiB
36	presto/tpcds: q37	7.508 GiB	0	7.508 GiB	0
37	presto/tpcds: q38	1.430 GiB	0	1.430 GiB	0
38	presto/tpcds: q39	130.003 MiB	0	130.003 MiB	623.803 YiB
39	presto/tpcds: q40	4.646 GiB	94.590 MiB	3.930 GiB	443.591 MiB
40	presto/tpcds: q41	5.541 MiB	0	5.541 MiB	0
41	presto/tpcds: q42	775.268 MiB	0	775.268 MiB	0
42	presto/tpcds: q43	1.463 GiB	0	1.463 GiB	191.788 KiB
43	presto/tpcds: q44	86.403 GiB	0	86.403 GiB	0
44	presto/tpcds: q45	314.070 MiB	0	314.070 MiB	0
45	presto/tpcds: q46	6.360 GiB	729.810 MiB	4.977 GiB	73.794 MiB
46	presto/tpcds: q47	14.600 GiB	134.442 KiB	14.598 GiB	2.035 MiB
47	presto/tpcds: q48	5.248 GiB	0	5.248 GiB	0
48	presto/tpcds: q49	12.383 GiB	0	12.383 GiB	0
49	presto/tpcds: q50	21.072 GiB	39.769 MiB	21.151 GiB	0
50	presto/tpcds: q51	4.520 GiB	0	4.520 GiB	0
51	presto/tpcds: q52	775.716 MiB	0	775.716 MiB	0
52	presto/tpcds: q53	4.037 GiB	0	4.037 GiB	0
53	presto/tpcds: q54	17.330 GiB	29.991 MiB	16.694 GiB	65.550 MiB
54	presto/tpcds: q55	767.266 MiB	0	767.266 MiB	0
55	presto/tpcds: q56	587.283 MiB	844.589 KiB	586.497 MiB	808.839 KiB
56	presto/tpcds: q57	8.371 GiB	1.185 MiB	8.372 GiB	58.039 KiB
57	presto/tpcds: q58	299.877 MiB	0	299.877 MiB	0
58	presto/tpcds: q59	14.207 GiB	56.364 MiB	14.236 GiB	31.246 MiB
59	presto/tpcds: q60	1.111 GiB	0	1.111 GiB	0
60	presto/tpcds: q61	2.293 GiB	2.081 MiB	2.293 GiB	1.351 MiB
61	presto/tpcds: q62	1.275 GiB	0	1.275 GiB	1.215 MiB
62	presto/tpcds: q63	4.037 GiB	0	4.037 GiB	0
63	presto/tpcds: q64	66.553 GiB	197.805 MiB	66.281 GiB	99.039 MiB
64	presto/tpcds: q65	7.537 GiB	0	7.537 GiB	0
65	presto/tpcds: q66	5.504 GiB	190.691 MiB	5.313 GiB	75.407 MiB
66	presto/tpcds: q67	4.514 GiB	0	4.513 GiB	665.962 KiB
67	presto/tpcds: q68	1.777 GiB	0	1.777 GiB	360.638 KiB
68	presto/tpcds: q69	413.746 MiB	0	413.746 MiB	0
69	presto/tpcds: q70	5.011 GiB	0	5.011 GiB	309.481 KiB
70	presto/tpcds: q71	1.538 GiB	5.163 MiB	1.559 GiB	1.607 MiB
71	presto/tpcds: q72	9.319 GiB	0	9.999 GiB	97.577 MiB
72	presto/tpcds: q73	570.996 MiB	0	570.558 MiB	333.577 KiB
73	presto/tpcds: q74	7.115 GiB	0	7.115 GiB	0
74	presto/tpcds: q75	40.643 GiB	0	40.643 GiB	0

	query	delta partitioned baseline mean	delta partitioned baseline std.dev	alluxio delta caching mean	alluxio delta caching std.dev
75	presto/tpcds: q76	50.465 GiB	924.691 KiB	50.464 GiB	731.032 KiB
76	presto/tpcds: q77	1.120 GiB	0	1.120 GiB	0
77	presto/tpcds: q78	22.938 GiB	309.465 MiB	22.777 GiB	734.544 MiB
78	presto/tpcds: q79	2.411 GiB	0	2.406 GiB	1.044 MiB
79	presto/tpcds: q80	20.203 GiB	0.955 GiB	21.312 GiB	650.140 MiB
80	presto/tpcds: q81	1.737 GiB	0	1.737 GiB	0
81	presto/tpcds: q82	13.589 GiB	0	13.589 GiB	0
82	presto/tpcds: q83	84.429 MiB	0	84.429 MiB	0
83	presto/tpcds: q84	1.907 GiB	0	1.907 GiB	0
84	presto/tpcds: q85	7.696 GiB	43.068 MiB	7.734 GiB	30.543 MiB
85	presto/tpcds: q86	1.242 GiB	0	1.242 GiB	0
86	presto/tpcds: q87	1.430 GiB	0	1.430 GiB	0
87	presto/tpcds: q88	74.565 GiB	18.509 MiB	74.560 GiB	20.988 MiB
88	presto/tpcds: q89	4.035 GiB	0	4.035 GiB	0
89	presto/tpcds: q90	7.696 GiB	14.788 MiB	7.732 GiB	6.583 MiB
90	presto/tpcds: q91	286.234 MiB	0	286.234 MiB	0
91	presto/tpcds: q92	462.337 MiB	0	463.949 MiB	3.947 MiB
92	presto/tpcds: q93	29.844 GiB	21.348 MiB	29.863 GiB	16.885 MiB
93	presto/tpcds: q94	5.836 GiB	0	5.860 GiB	62.560 MiB
94	presto/tpcds: q95	11.554 GiB	0	11.578 GiB	62.113 MiB
95	presto/tpcds: q96	9.324 GiB	0	9.323 GiB	1.823 MiB
96	presto/tpcds: q97	4.736 GiB	0	4.736 GiB	0
97	presto/tpcds: q98	243.448 MiB	0	243.448 MiB	0
98	presto/tpcds: q99	2.515 GiB	6.100 MiB	2.519 GiB	198.595 KiB

TPC-H Comparison (internalNetworkInputDataSize GB)

TPC-DS Comparison (internalNetworkInputDataSize GB)