

FAILED QUERIES

hive unpartitioned parquet baseline

benchmark query mean_duration std_dev

hive unpartitioned allxuo

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	hive unpartitioned parquet baseline	441.368500	1030.274667	39379.100000	115500.058500	1.695 TiB	3.318 TiB	1.168 TiB	
1	hive unpartitioned allxuo	303.637667	810.112333	34415.500000	106254.291167	1.695 TiB	3.317 TiB	1.168 TiB	

Store sales flat Comparison (DURATION)

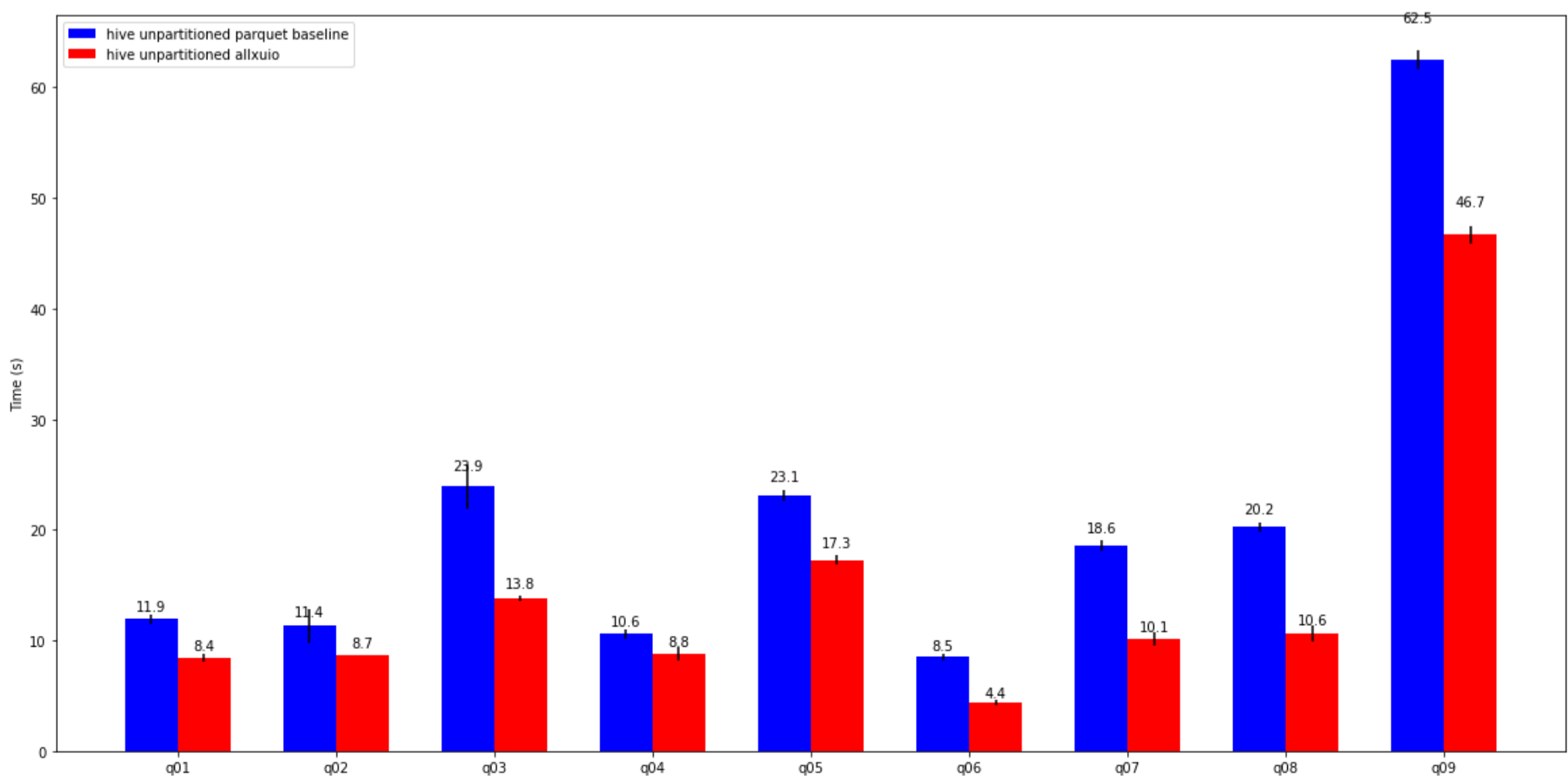
Store sales flat Comparison (CPU)

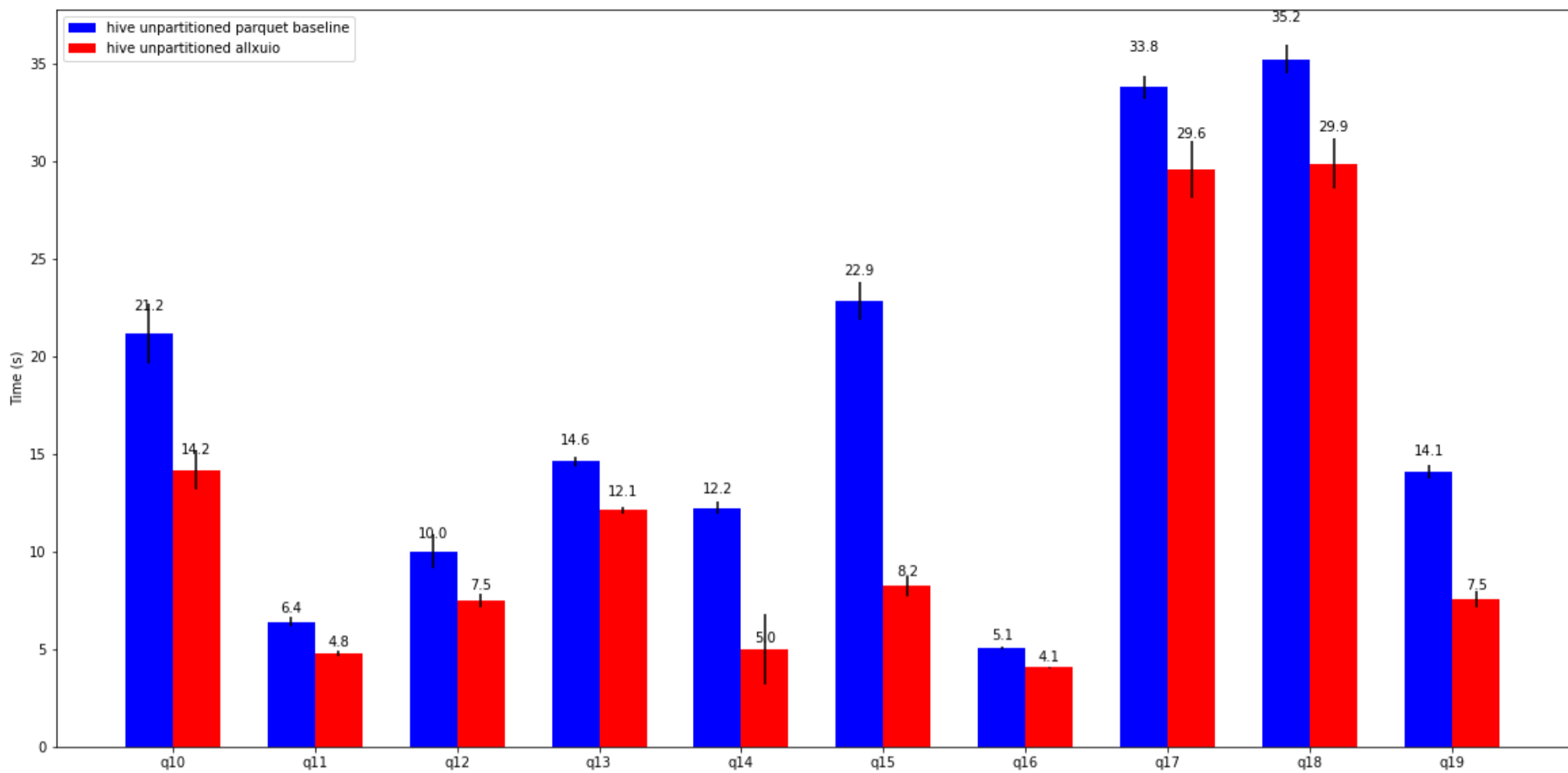
Insert Comparison (DURATION)

Insert Comparison (CPU)

Insert Comparison (PEAK MEMORY)

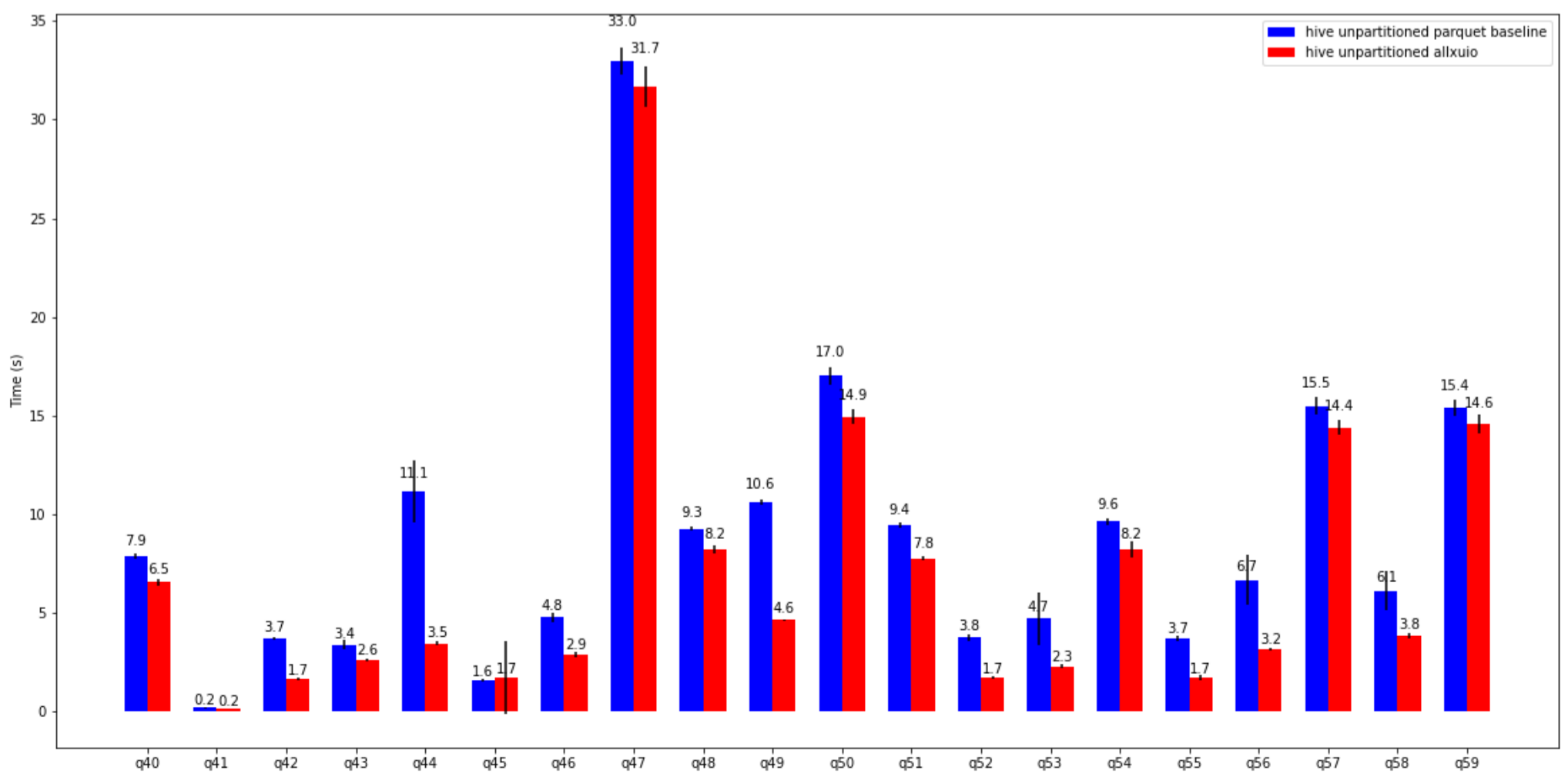
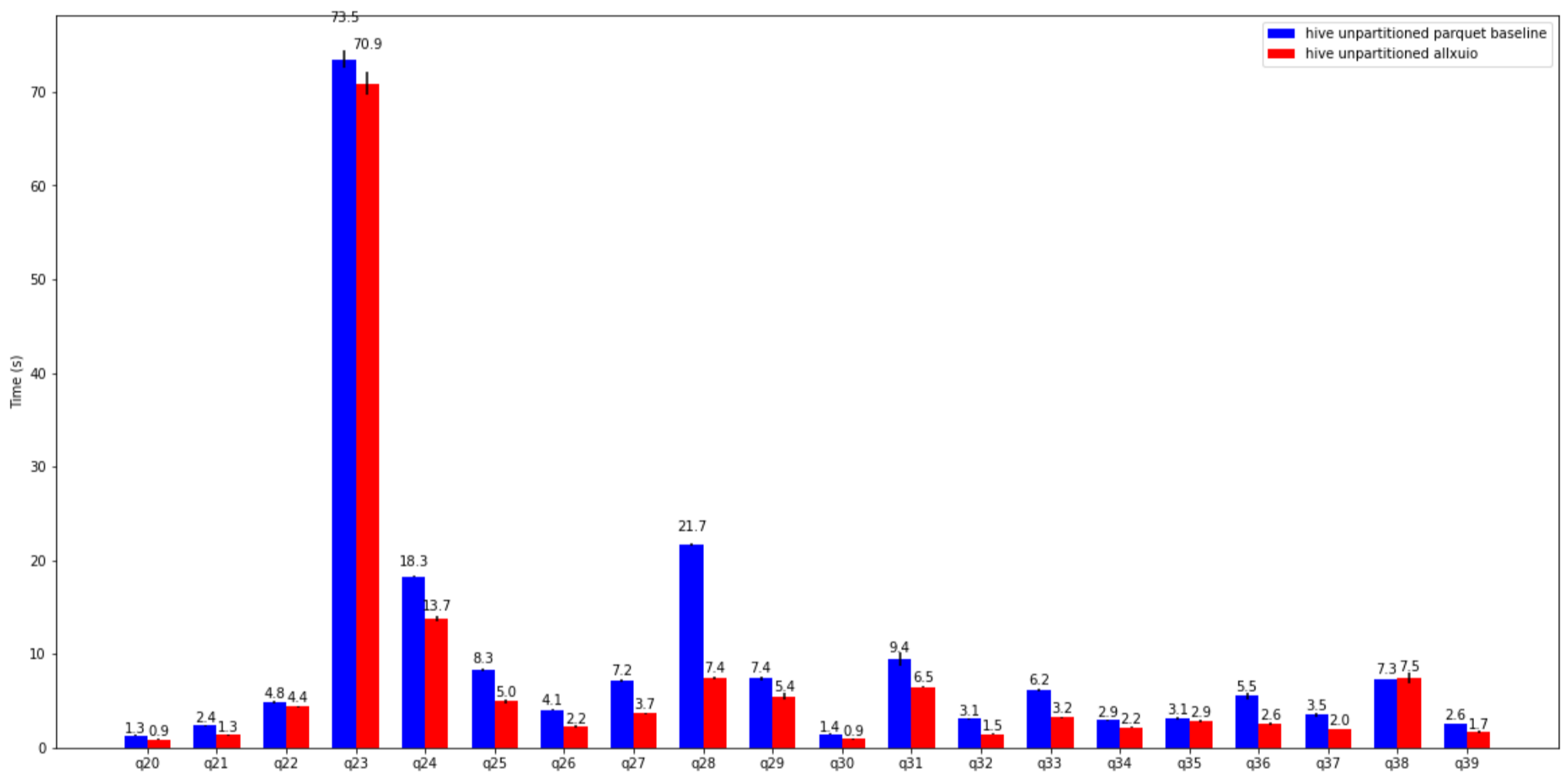
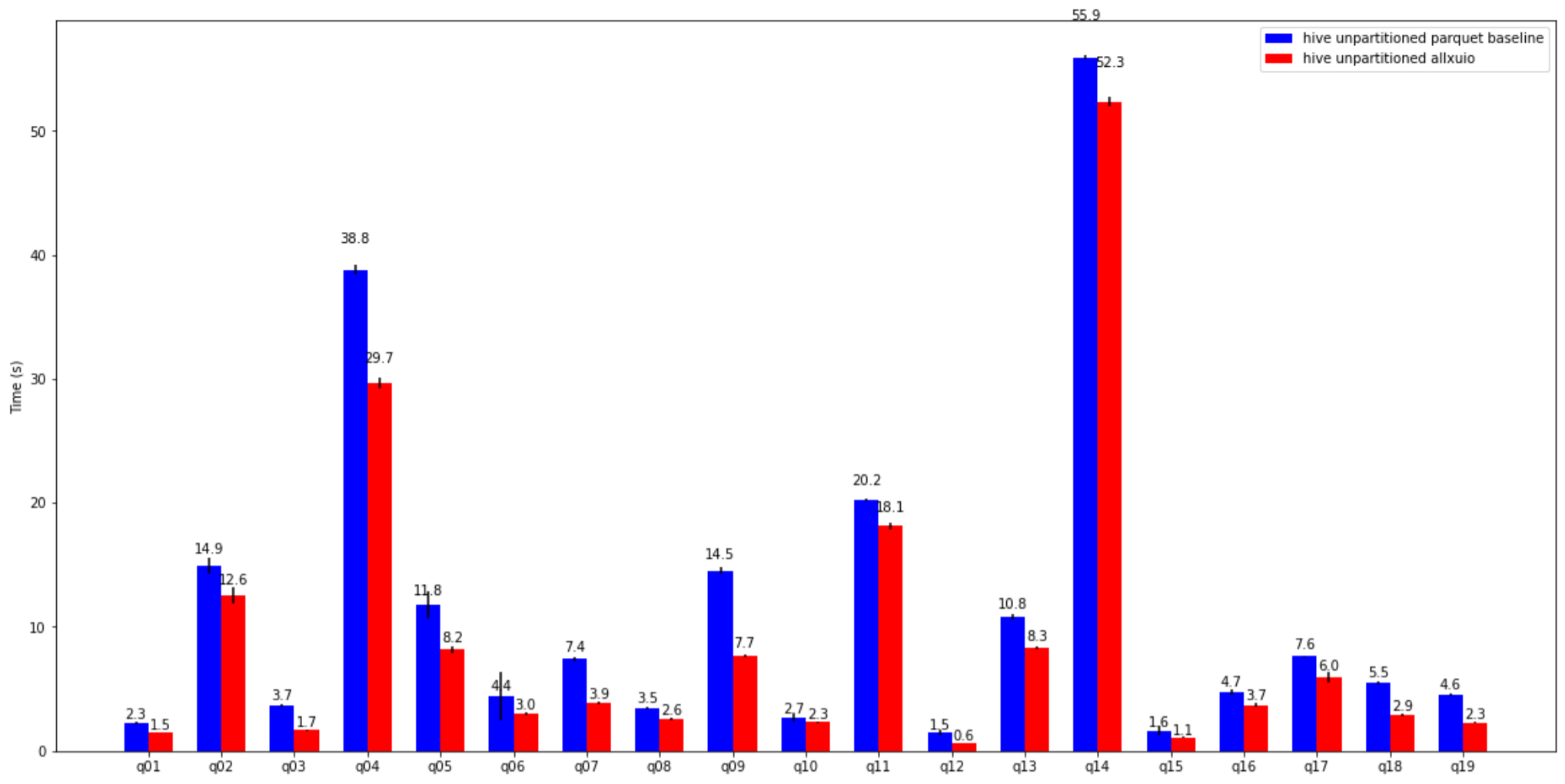
TPC-H Comparison (DURATION)

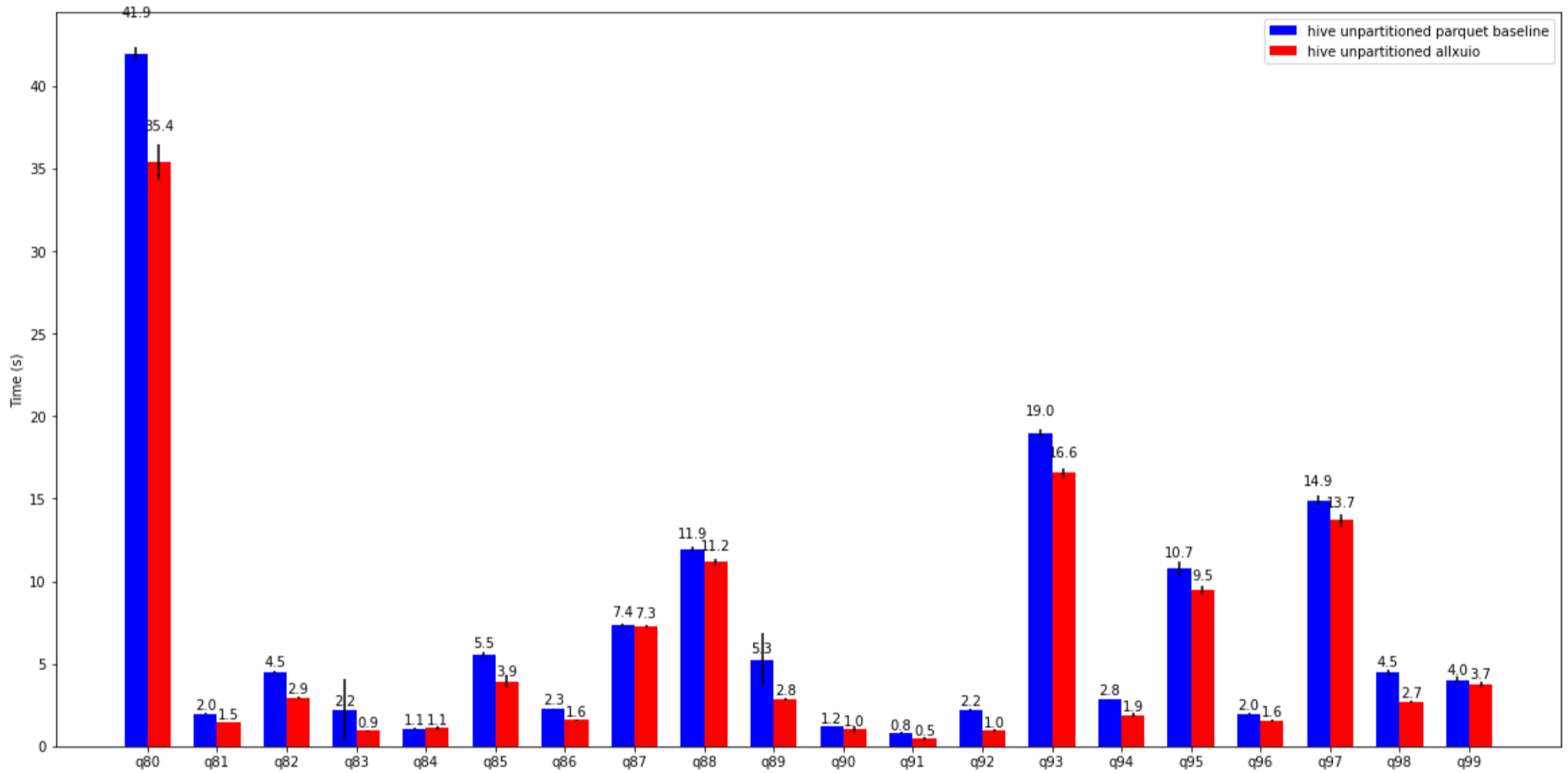
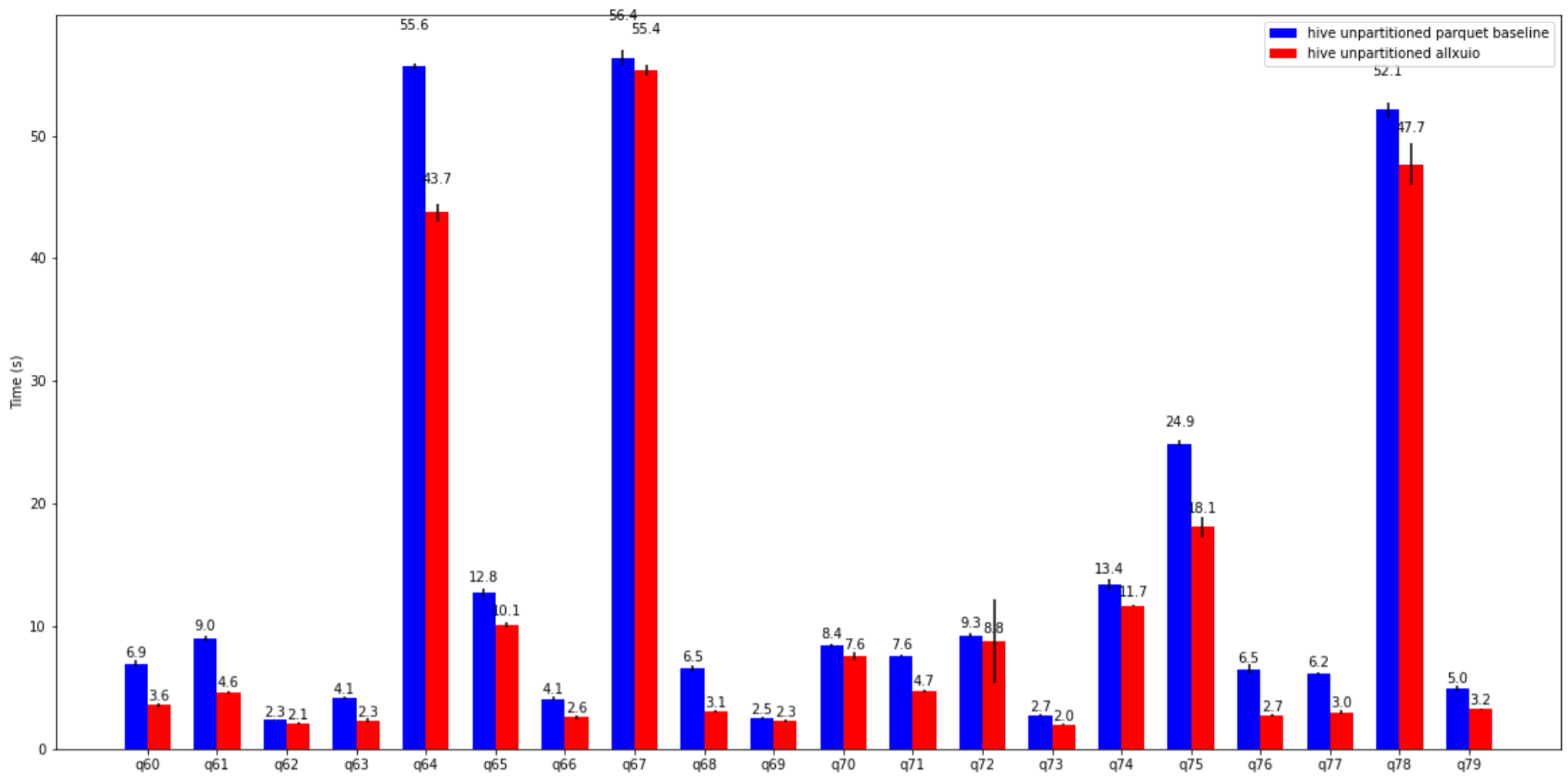




query	hive unpartitioned parquet baseline mean	hive unpartitioned parquet baseline std.dev	hive unpartitioned allxuo mean	hive unpartitioned allxuo std.dev	
0	presto/tpch: q01	11.911333	0.442588	8.426667	0.350783
1	presto/tpch: q02	11.350667	1.529963	8.659167	0.045124
2	presto/tpch: q03	23.933667	2.033382	13.838333	0.248770
3	presto/tpch: q04	10.600833	0.433545	8.769167	0.606100
4	presto/tpch: q05	23.075667	0.503961	17.279500	0.447745
5	presto/tpch: q06	8.521167	0.312297	4.353000	0.260231
6	presto/tpch: q07	18.582833	0.469378	10.097000	0.624335
7	presto/tpch: q08	20.234000	0.460402	10.644000	0.710141
8	presto/tpch: q09	62.524667	0.825351	46.686500	0.767094
9	presto/tpch: q10	21.159500	1.510785	14.168500	1.001270
10	presto/tpch: q11	6.386167	0.240571	4.778667	0.141496
11	presto/tpch: q12	10.013500	0.887381	7.496333	0.341815
12	presto/tpch: q13	14.622333	0.255260	12.126833	0.164063
13	presto/tpch: q14	12.225000	0.314538	4.961333	1.806969
14	presto/tpch: q15	22.850833	0.982757	8.222333	0.496817
15	presto/tpch: q16	5.087500	0.071810	4.051000	0.062712
16	presto/tpch: q17	33.795667	0.607692	29.586167	1.439551
17	presto/tpch: q18	35.238833	0.725620	29.885500	1.283557
18	presto/tpch: q19	14.104500	0.350231	7.537000	0.419844
19	presto/tpch: q20	20.773667	0.501461	10.268000	0.318383
20	presto/tpch: q21	50.262000	1.220705	38.633167	0.607508
21	presto/tpch: q22	4.114167	0.075377	3.169500	0.066773

TPC-DS Comparison (DURATION)





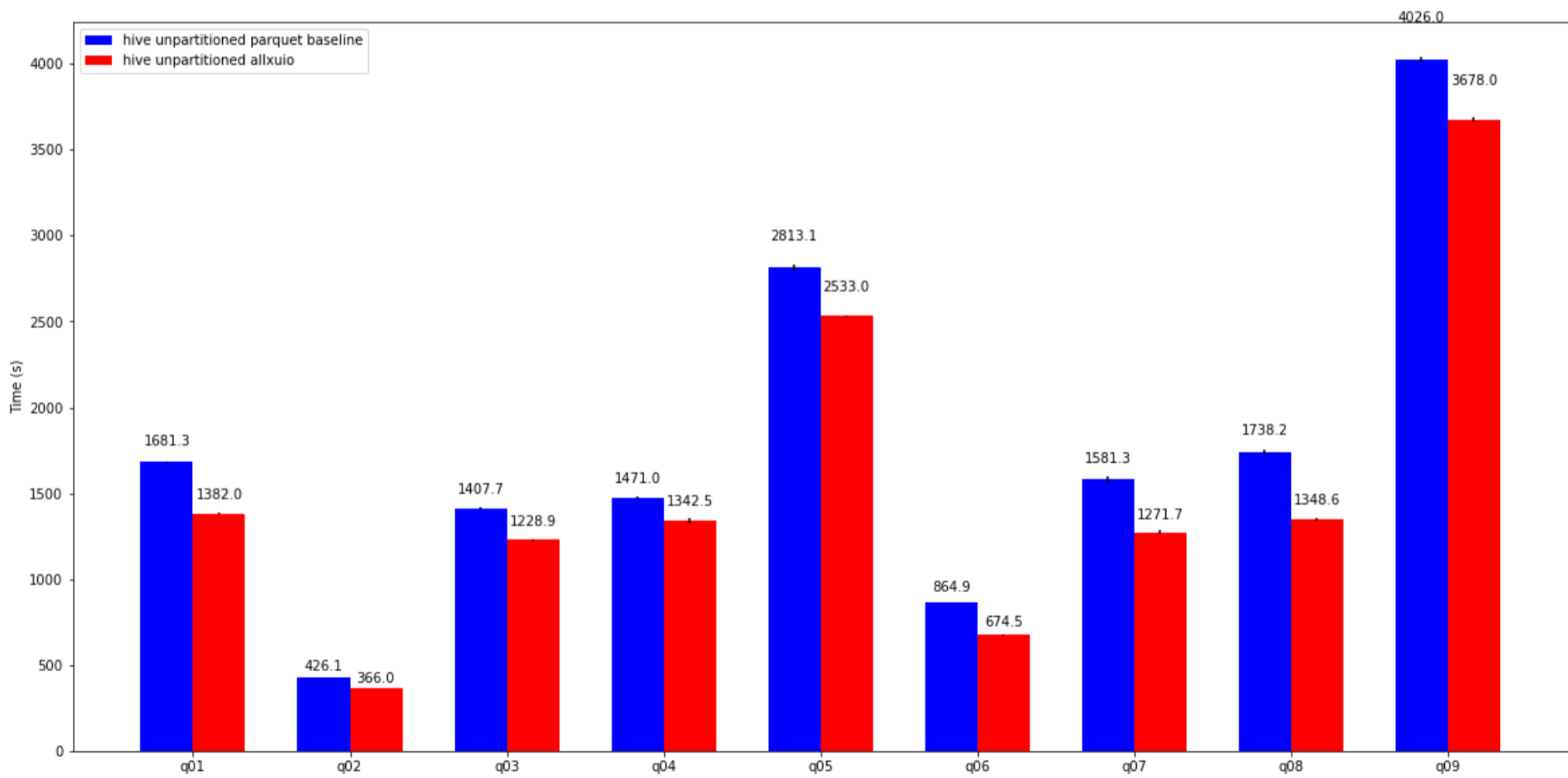
query	hive unpartitioned parquet baseline mean	hive unpartitioned parquet baseline std.dev	hive unpartitioned allxuiio mean	hive unpartitioned allxuiio std.dev	
0	presto/tpcds: q01	2.278667	0.133983	1.486167	0.043742
1	presto/tpcds: q02	14.930000	0.684401	12.561500	0.636682
2	presto/tpcds: q03	3.699833	0.102476	1.668833	0.078601
3	presto/tpcds: q04	38.801333	0.399532	29.653000	0.456551
4	presto/tpcds: q05	11.786167	1.048972	8.204667	0.264026
5	presto/tpcds: q06	4.404833	1.945251	2.992667	0.094946
6	presto/tpcds: q07	7.421833	0.137578	3.873667	0.143204
7	presto/tpcds: q08	3.468667	0.111513	2.567333	0.080406
8	presto/tpcds: q09	14.540667	0.293424	7.703333	0.108539
9	presto/tpcds: q10	2.659833	0.301359	2.316000	0.069218
10	presto/tpcds: q11	20.224833	0.138547	18.125667	0.267316
11	presto/tpcds: q12	1.491500	0.193703	0.644833	0.016666

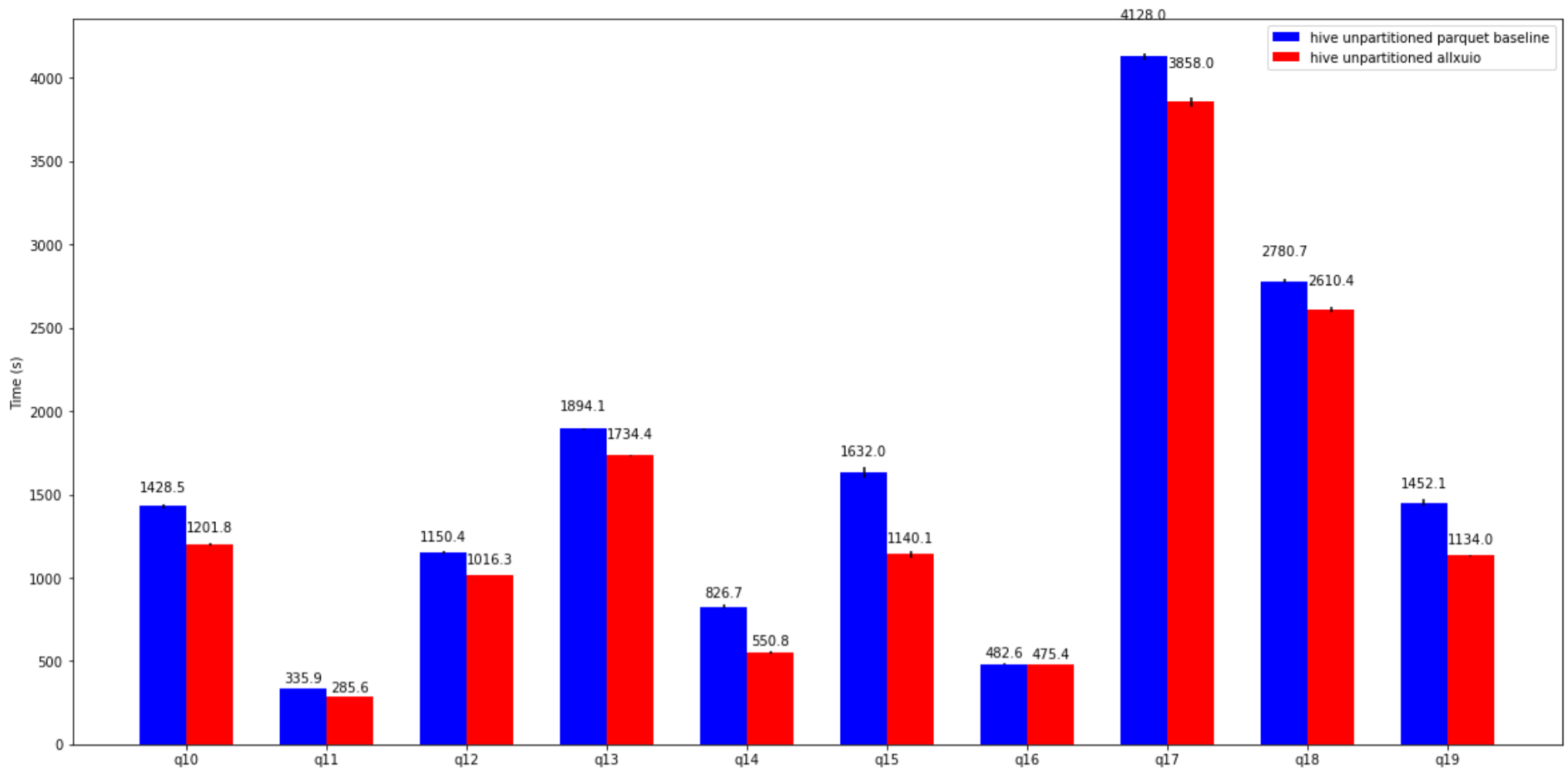
	query	hive unpartitioned parquet baseline mean	hive unpartitioned parquet baseline std.dev	hive unpartitioned allxuiio mean	hive unpartitioned allxuiio std.dev
12	presto/tpcds: q13	10.765500	0.217041	8.308000	0.111238
13	presto/tpcds: q14	55.911000	0.175590	52.336500	0.391563
14	presto/tpcds: q15	1.649833	0.410138	1.073167	0.058441
15	presto/tpcds: q16	4.749167	0.179784	3.676333	0.176314
16	presto/tpcds: q17	7.648833	0.061963	5.955500	0.409887
17	presto/tpcds: q18	5.489500	0.123727	2.887833	0.110807
18	presto/tpcds: q19	4.552333	0.116244	2.303333	0.046565
19	presto/tpcds: q20	1.300000	0.086053	0.898167	0.110126
20	presto/tpcds: q21	2.366000	0.033556	1.341833	0.013318
21	presto/tpcds: q22	4.848500	0.158688	4.369667	0.104768
22	presto/tpcds: q23	73.502667	0.925167	70.852500	1.220431
23	presto/tpcds: q24	18.252500	0.079251	13.710667	0.289836
24	presto/tpcds: q25	8.313333	0.095402	4.953000	0.210365
25	presto/tpcds: q26	4.068333	0.101060	2.233000	0.127566
26	presto/tpcds: q27	7.179333	0.166278	3.698000	0.064501
27	presto/tpcds: q28	21.732667	0.149303	7.441167	0.081103
28	presto/tpcds: q29	7.410667	0.180541	5.448333	0.364203
29	presto/tpcds: q30	1.431833	0.066074	0.928000	0.044609
30	presto/tpcds: q31	9.448167	0.763670	6.505167	0.071779
31	presto/tpcds: q32	3.068167	0.095853	1.462833	0.077484
32	presto/tpcds: q33	6.188333	0.174149	3.244500	0.089005
33	presto/tpcds: q34	2.933333	0.062567	2.172333	0.089162
34	presto/tpcds: q35	3.131667	0.139623	2.858000	0.107424
35	presto/tpcds: q36	5.531333	0.312780	2.575000	0.103069
36	presto/tpcds: q37	3.509167	0.160582	1.992333	0.053541
37	presto/tpcds: q38	7.304167	0.045481	7.485500	0.580053
38	presto/tpcds: q39	2.557500	0.039833	1.672167	0.183136
39	presto/tpcds: q40	7.887667	0.151602	6.540833	0.149106
40	presto/tpcds: q41	0.181500	0.008983	0.163833	0.003656
41	presto/tpcds: q42	3.704833	0.052339	1.659500	0.048706
42	presto/tpcds: q43	3.389667	0.221782	2.614667	0.081801
43	presto/tpcds: q44	11.135167	1.584906	3.456667	0.116473
44	presto/tpcds: q45	1.553833	0.070692	1.713167	1.848485
45	presto/tpcds: q46	4.777833	0.245658	2.901500	0.127659
46	presto/tpcds: q47	32.957833	0.699311	31.653500	1.022351
47	presto/tpcds: q48	9.264500	0.115811	8.194833	0.201865

	query	hive unpartitioned parquet baseline mean	hive unpartitioned parquet baseline std.dev	hive unpartitioned allxuiio mean	hive unpartitioned allxuiio std.dev
48	presto/tpcds: q49	10.613333	0.114887	4.632000	0.052926
49	presto/tpcds: q50	17.001167	0.446937	14.937667	0.381820
50	presto/tpcds: q51	9.416167	0.135383	7.756667	0.093504
51	presto/tpcds: q52	3.752667	0.168536	1.725333	0.059419
52	presto/tpcds: q53	4.705167	1.319581	2.286000	0.098547
53	presto/tpcds: q54	9.643667	0.172703	8.207833	0.405843
54	presto/tpcds: q55	3.684167	0.120039	1.714000	0.112146
55	presto/tpcds: q56	6.668000	1.237916	3.155333	0.062730
56	presto/tpcds: q57	15.484000	0.442586	14.393167	0.399012
57	presto/tpcds: q58	6.120667	1.008143	3.848333	0.142046
58	presto/tpcds: q59	15.405333	0.415237	14.552000	0.471849
59	presto/tpcds: q60	6.949167	0.250891	3.580000	0.180061
60	presto/tpcds: q61	8.966167	0.219517	4.612167	0.108654
61	presto/tpcds: q62	2.348833	0.064269	2.051000	0.086699
62	presto/tpcds: q63	4.129000	0.119293	2.338833	0.147779
63	presto/tpcds: q64	55.631000	0.288133	43.745833	0.683024
64	presto/tpcds: q65	12.765333	0.336297	10.147500	0.212857
65	presto/tpcds: q66	4.095667	0.147223	2.577167	0.140005
66	presto/tpcds: q67	56.365500	0.615713	55.353167	0.410046
67	presto/tpcds: q68	6.546500	0.302104	3.059000	0.127537
68	presto/tpcds: q69	2.513333	0.097537	2.283500	0.082104
69	presto/tpcds: q70	8.424833	0.160762	7.567333	0.361871
70	presto/tpcds: q71	7.572500	0.157369	4.735667	0.140082
71	presto/tpcds: q72	9.264667	0.156105	8.766667	3.399536
72	presto/tpcds: q73	2.717000	0.096689	2.002500	0.043666
73	presto/tpcds: q74	13.448333	0.439824	11.665333	0.062314
74	presto/tpcds: q75	24.883833	0.285827	18.090167	0.838958
75	presto/tpcds: q76	6.519333	0.360109	2.743000	0.101517
76	presto/tpcds: q77	6.161667	0.119482	2.997500	0.135869
77	presto/tpcds: q78	52.102333	0.563911	47.656500	1.714926
78	presto/tpcds: q79	4.955167	0.248381	3.245000	0.061192
79	presto/tpcds: q80	41.916667	0.423494	35.366667	1.062834
80	presto/tpcds: q81	1.961000	0.044439	1.456500	0.029912
81	presto/tpcds: q82	4.465500	0.091965	2.910000	0.077084
82	presto/tpcds: q83	2.206833	1.868177	0.927500	0.023780
83	presto/tpcds: q84	1.083333	0.061818	1.104833	0.103006

	query	hive unpartitioned parquet baseline mean	hive unpartitioned parquet baseline std.dev	hive unpartitioned allxuiio mean	hive unpartitioned allxuiio std.dev
84	presto/tpcds: q85	5.540500	0.178499	3.937667	0.377859
85	presto/tpcds: q86	2.255833	0.041988	1.592000	0.042923
86	presto/tpcds: q87	7.357500	0.086359	7.263667	0.061132
87	presto/tpcds: q88	11.898000	0.170857	11.151333	0.169691
88	presto/tpcds: q89	5.251500	1.576358	2.848500	0.058661
89	presto/tpcds: q90	1.201667	0.031671	1.013667	0.205114
90	presto/tpcds: q91	0.780167	0.082074	0.469500	0.105718
91	presto/tpcds: q92	2.195167	0.085197	0.970667	0.055102
92	presto/tpcds: q93	18.957833	0.250418	16.555000	0.281495
93	presto/tpcds: q94	2.821500	0.062372	1.883500	0.112010
94	presto/tpcds: q95	10.743833	0.447381	9.468167	0.214976
95	presto/tpcds: q96	1.979167	0.044156	1.568167	0.074063
96	presto/tpcds: q97	14.906667	0.292246	13.686667	0.344736
97	presto/tpcds: q98	4.468667	0.154764	2.693167	0.091204
98	presto/tpcds: q99	4.024000	0.173705	3.740000	0.130106

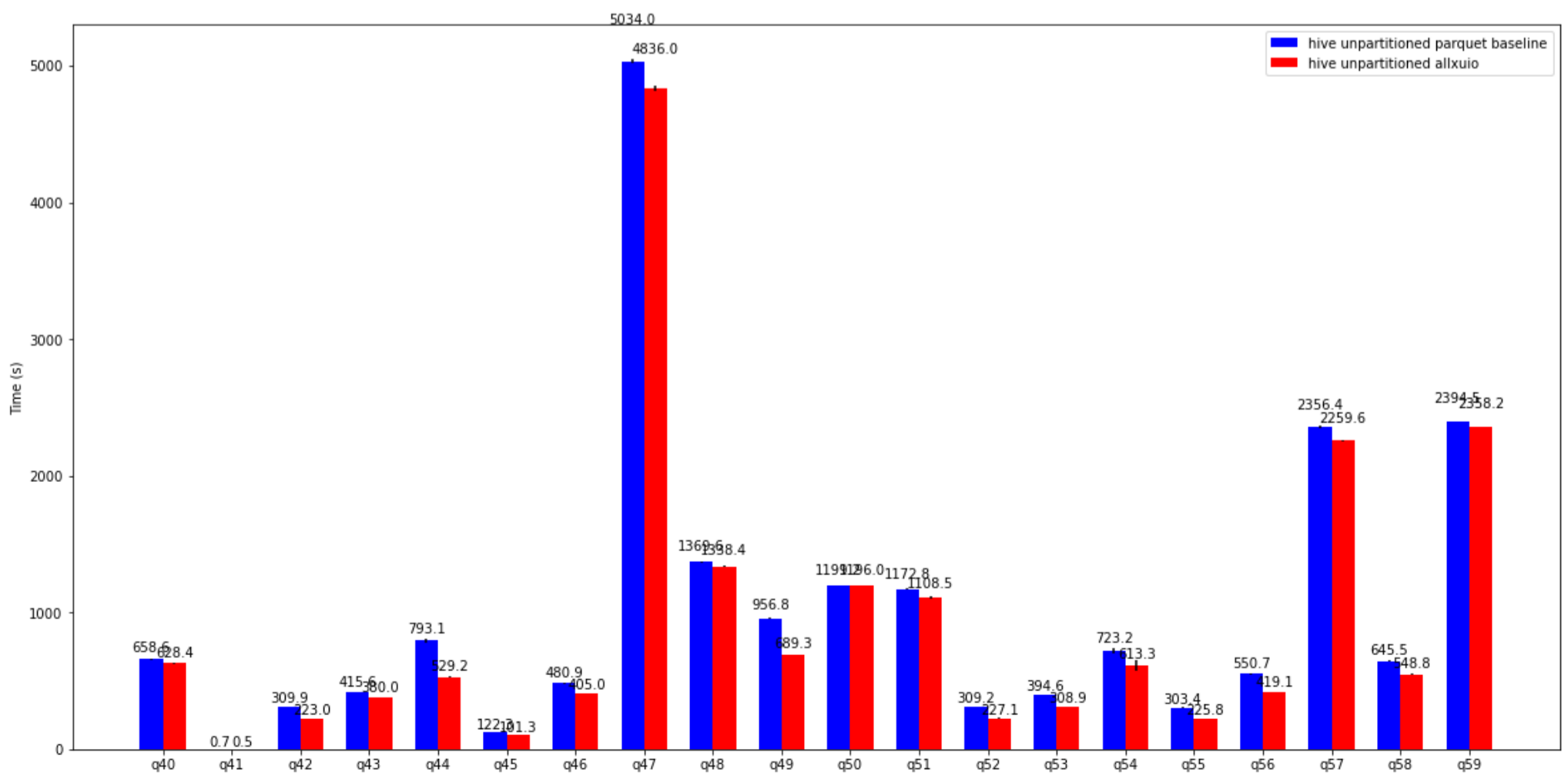
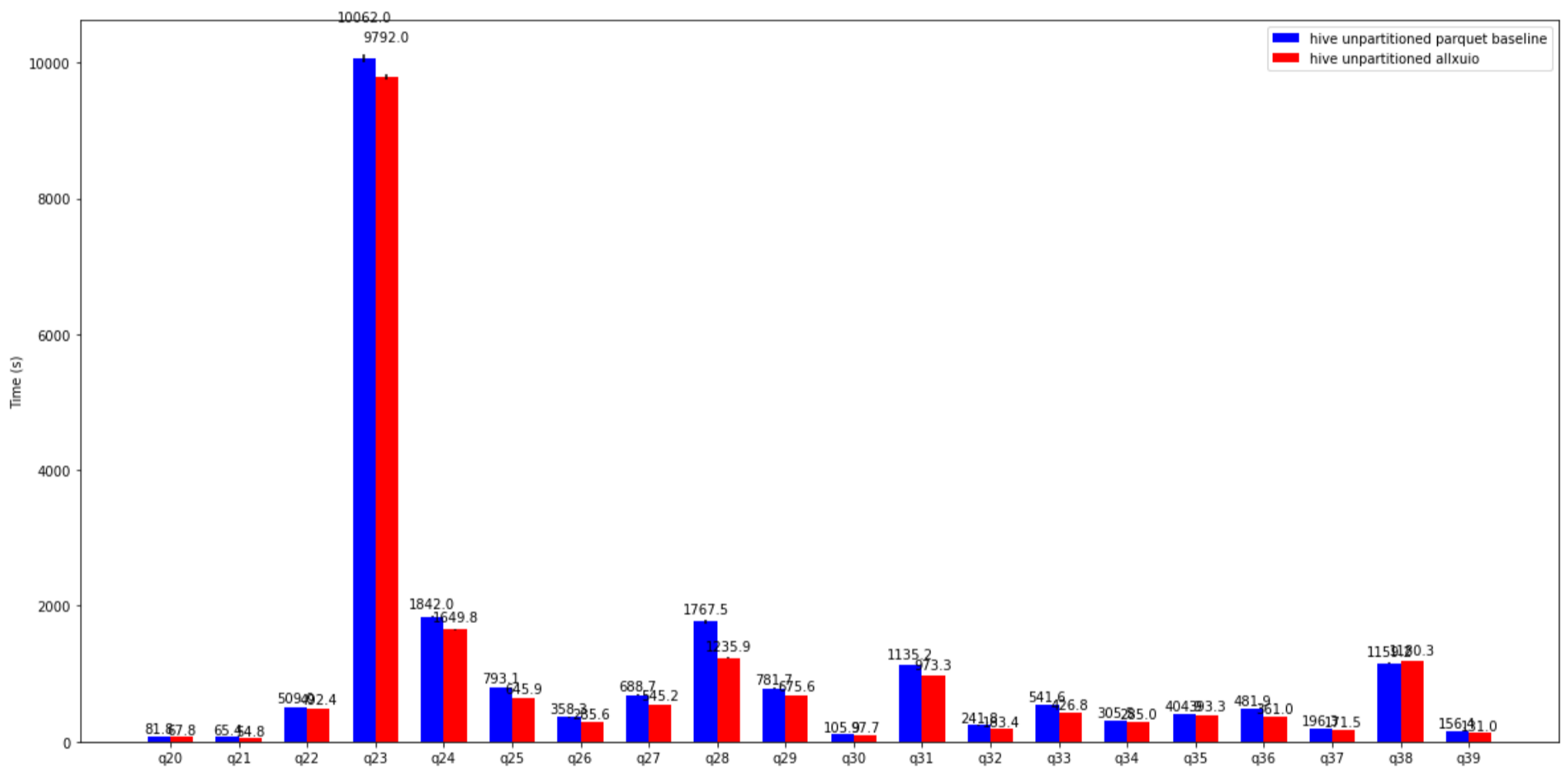
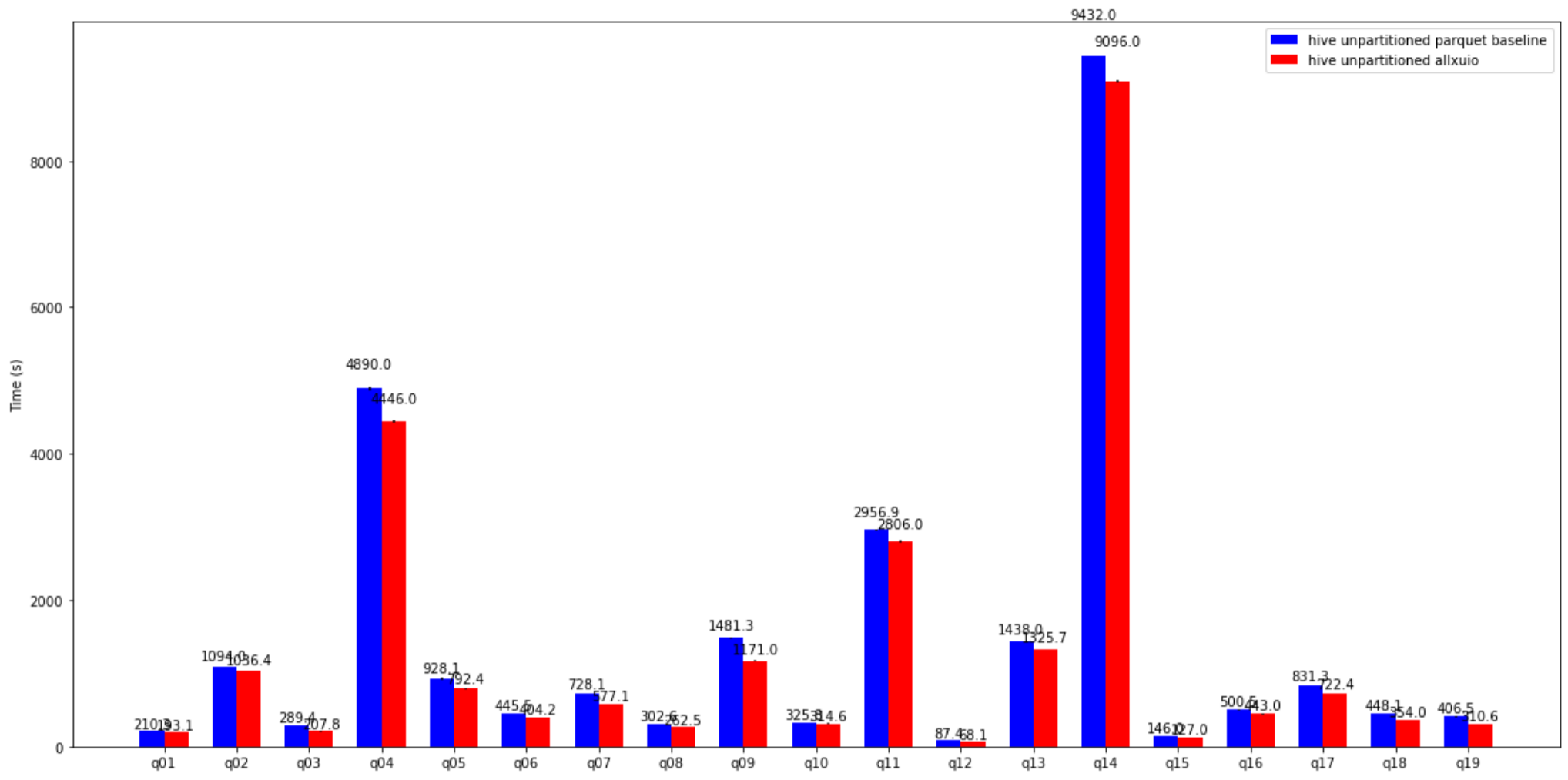
TPC-H Comparison (CPU)

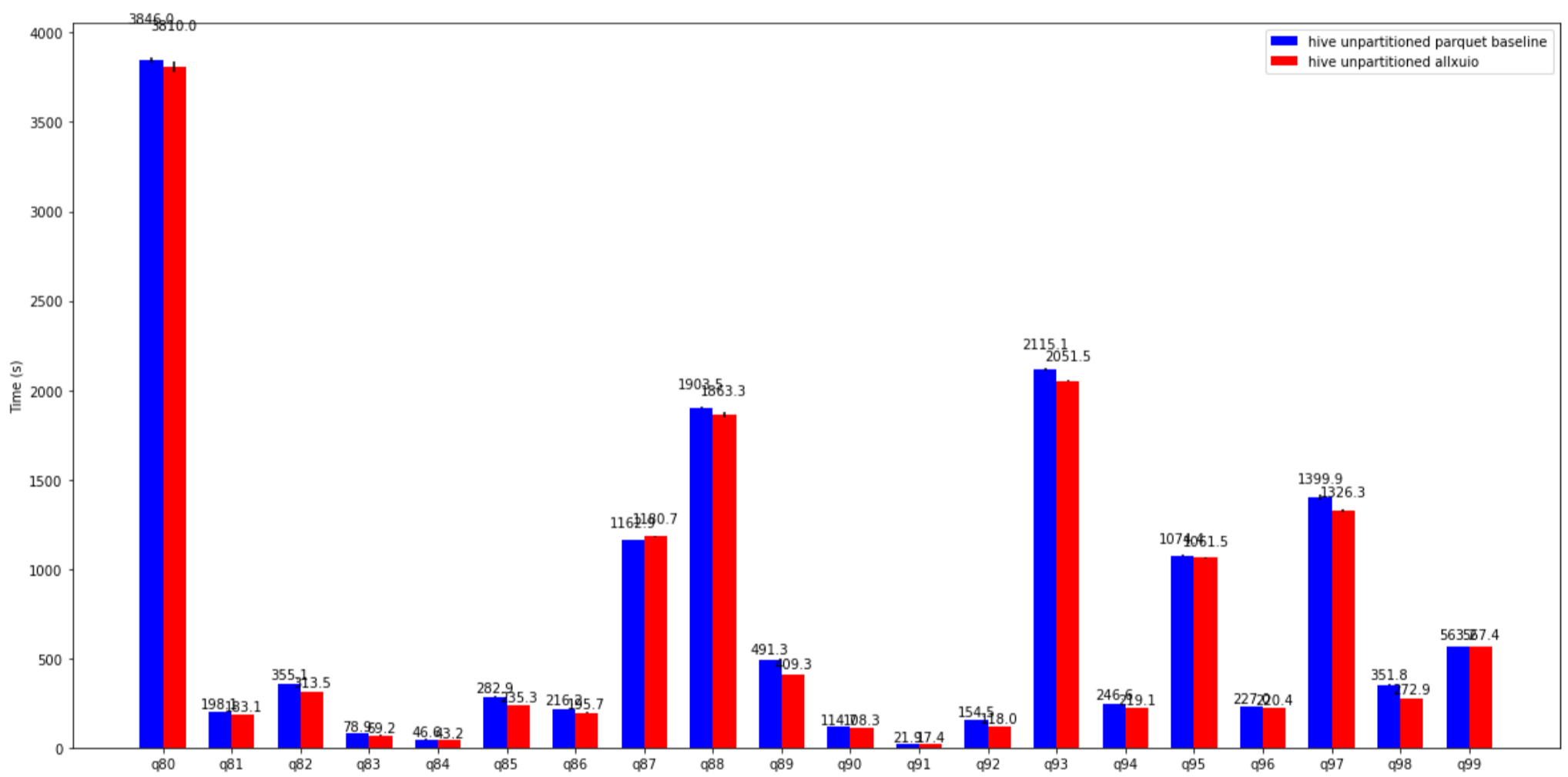
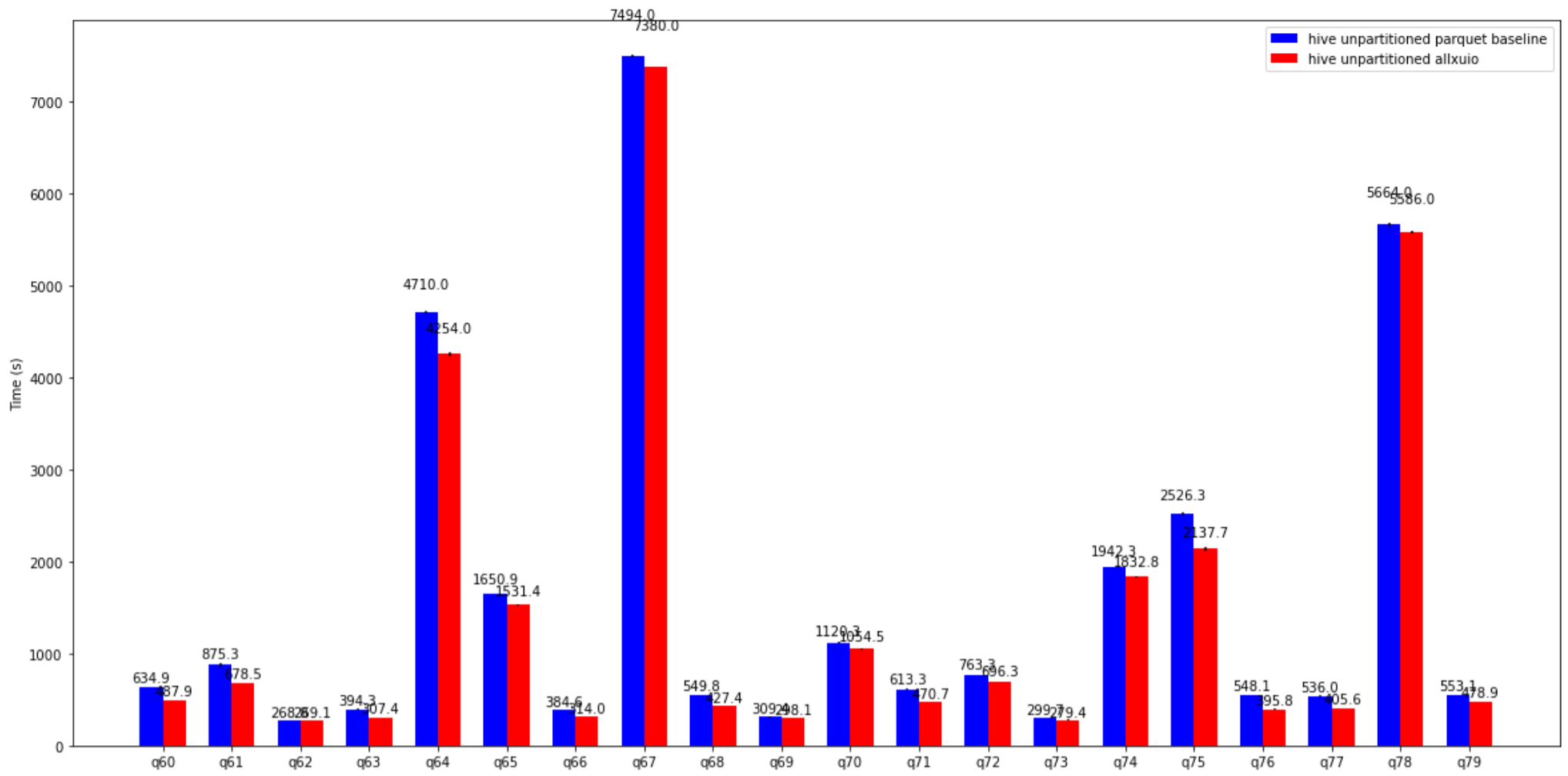




query	hive unpartitioned parquet baseline mean	hive unpartitioned parquet baseline std.dev	hive unpartitioned allxuo mean	hive unpartitioned allxuo std.dev	
0	presto/tpch: q01	1681.3	5.697368	1382.0	1.846077
1	presto/tpch: q02	426.1	0.883176	366.0	0.379473
2	presto/tpch: q03	1407.7	8.053571	1228.9	2.747362
3	presto/tpch: q04	1471.0	8.912912	1342.5	17.672012
4	presto/tpch: q05	2813.1	17.826161	2533.0	3.769350
5	presto/tpch: q06	864.9	2.538503	674.5	1.440833
6	presto/tpch: q07	1581.3	19.426477	1271.7	10.697850
7	presto/tpch: q08	1738.2	16.834251	1348.6	4.809990
8	presto/tpch: q09	4026.0	14.696938	3678.0	14.696938
9	presto/tpch: q10	1428.5	9.610619	1201.8	6.517668
10	presto/tpch: q11	335.9	1.796664	285.6	0.379473
11	presto/tpch: q12	1150.4	7.075592	1016.3	1.672124
12	presto/tpch: q13	1894.1	4.023431	1734.4	1.995996
13	presto/tpch: q14	826.7	14.605615	550.8	5.804826
14	presto/tpch: q15	1632.0	32.295387	1140.1	20.422635
15	presto/tpch: q16	482.6	2.201817	475.4	0.309839
16	presto/tpch: q17	4128.0	18.590320	3858.0	27.099815
17	presto/tpch: q18	2780.7	10.691118	2610.4	16.337931
18	presto/tpch: q19	1452.1	18.145082	1134.0	3.943602
19	presto/tpch: q20	1664.9	5.659329	1394.0	2.389979
20	presto/tpch: q21	5148.0	39.436024	4764.0	18.590320
21	presto/tpch: q22	445.6	0.619677	425.5	0.451664

TPC-DS Comparison (CPU)





query	hive unpartitioned parquet baseline mean	hive unpartitioned parquet baseline std.dev	hive unpartitioned allxuiio mean	hive unpartitioned allxuiio std.dev
0 presto/tpcds: q01	210.300000	3.634831	193.100000	1.100909
1 presto/tpcds: q02	1094.000000	2.201817	1036.400000	3.826225
2 presto/tpcds: q03	289.400000	1.453272	207.800000	3.730952
3 presto/tpcds: q04	4890.000000	27.099815	4446.000000	19.718012
4 presto/tpcds: q05	928.100000	16.092607	792.400000	5.015177
5 presto/tpcds: q06	445.500000	0.985901	404.200000	2.031748
6 presto/tpcds: q07	728.100000	1.553061	577.100000	0.883176
7 presto/tpcds: q08	302.600000	1.239355	262.500000	0.328634
8 presto/tpcds: q09	1481.300000	7.945565	1171.000000	1.922498
9 presto/tpcds: q10	325.800000	0.657267	314.600000	0.819756
10 presto/tpcds: q11	2956.900000	7.194164	2806.000000	21.575542
11 presto/tpcds: q12	87.400000	0.309839	68.100000	0.328634

	query	hive unpartitioned parquet baseline mean	hive unpartitioned parquet baseline std.dev	hive unpartitioned allxuiio mean	hive unpartitioned allxuiio std.dev
12	presto/tpcds: q13	1438.000000	5.029513	1325.700000	0.909945
13	presto/tpcds: q14	9432.000000	0.000000	9096.000000	18.590320
14	presto/tpcds: q15	146.000000	0.309839	127.000000	0.309839
15	presto/tpcds: q16	500.500000	3.726124	443.000000	1.806654
16	presto/tpcds: q17	831.300000	0.328634	722.400000	2.043526
17	presto/tpcds: q18	448.100000	3.161645	354.000000	1.779888
18	presto/tpcds: q19	406.500000	1.553061	310.600000	1.594992
19	presto/tpcds: q20	81.800000	0.619677	67.800000	0.000000
20	presto/tpcds: q21	65.400000	0.000000	54.836667	0.118265
21	presto/tpcds: q22	509.000000	1.296148	492.400000	0.819756
22	presto/tpcds: q23	10062.000000	59.154036	9792.000000	45.536798
23	presto/tpcds: q24	1842.000000	8.661640	1649.800000	11.286806
24	presto/tpcds: q25	793.100000	3.628223	645.900000	1.553061
25	presto/tpcds: q26	358.300000	1.224745	285.600000	0.536656
26	presto/tpcds: q27	688.700000	6.251720	545.200000	1.117139
27	presto/tpcds: q28	1767.500000	23.118045	1235.900000	2.193627
28	presto/tpcds: q29	781.700000	7.640681	675.600000	1.419859
29	presto/tpcds: q30	105.900000	0.734847	97.700000	1.537530
30	presto/tpcds: q31	1135.200000	4.191420	973.300000	0.589915
31	presto/tpcds: q32	241.800000	1.564609	183.400000	0.489898
32	presto/tpcds: q33	541.600000	2.674322	426.800000	0.489898
33	presto/tpcds: q34	305.500000	1.337161	285.000000	0.379473
34	presto/tpcds: q35	404.900000	0.797496	393.300000	0.629285
35	presto/tpcds: q36	481.900000	3.745397	361.000000	0.619677
36	presto/tpcds: q37	196.300000	0.883176	171.500000	0.589915
37	presto/tpcds: q38	1159.200000	1.138420	1180.300000	1.282186
38	presto/tpcds: q39	156.400000	0.309839	131.000000	0.309839
39	presto/tpcds: q40	658.600000	2.359661	628.400000	3.730952
40	presto/tpcds: q41	0.685167	0.013527	0.542833	0.006555
41	presto/tpcds: q42	309.900000	1.553061	223.000000	0.309839
42	presto/tpcds: q43	415.600000	0.489898	380.000000	0.619677
43	presto/tpcds: q44	793.100000	17.212437	529.200000	3.174902
44	presto/tpcds: q45	122.300000	0.244949	101.300000	0.244949
45	presto/tpcds: q46	480.900000	1.354991	405.000000	0.848528
46	presto/tpcds: q47	5034.000000	14.696938	4836.000000	18.590320
47	presto/tpcds: q48	1369.600000	2.135416	1338.400000	1.846077

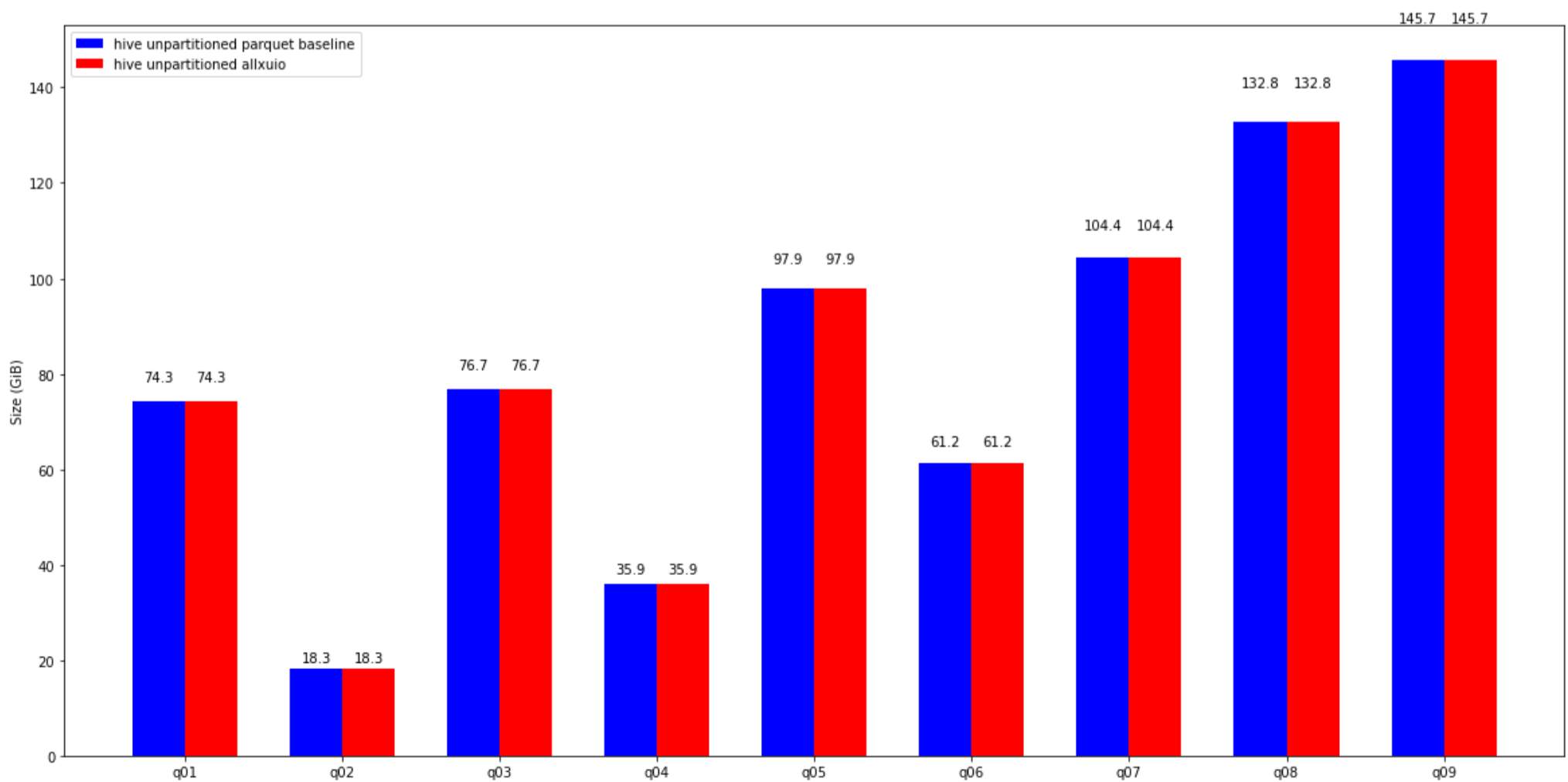
	query	hive unpartitioned parquet baseline mean	hive unpartitioned parquet baseline std.dev	hive unpartitioned allxuiio mean	hive unpartitioned allxuiio std.dev
48	presto/tpcds: q49	956.800000	7.548245	689.300000	1.628496
49	presto/tpcds: q50	1199.200000	1.501999	1196.000000	2.201817
50	presto/tpcds: q51	1172.800000	7.345203	1108.500000	10.038127
51	presto/tpcds: q52	309.200000	0.903327	227.100000	0.328634
52	presto/tpcds: q53	394.600000	0.979796	308.900000	0.451664
53	presto/tpcds: q54	723.200000	19.429874	613.300000	36.010832
54	presto/tpcds: q55	303.400000	2.564371	225.800000	0.309839
55	presto/tpcds: q56	550.700000	2.382436	419.100000	0.909945
56	presto/tpcds: q57	2356.400000	12.793748	2259.600000	5.175326
57	presto/tpcds: q58	645.500000	1.796664	548.800000	1.884675
58	presto/tpcds: q59	2394.500000	1.986957	2358.200000	3.300909
59	presto/tpcds: q60	634.900000	2.258318	487.900000	0.451664
60	presto/tpcds: q61	875.300000	15.885465	678.500000	0.451664
61	presto/tpcds: q62	268.800000	0.379473	269.100000	0.501996
62	presto/tpcds: q63	394.300000	2.824889	307.400000	0.309839
63	presto/tpcds: q64	4710.000000	14.696938	4254.000000	14.696938
64	presto/tpcds: q65	1650.900000	4.596956	1531.400000	9.936599
65	presto/tpcds: q66	384.600000	0.848528	314.000000	1.050714
66	presto/tpcds: q67	7494.000000	14.696938	7380.000000	0.000000
67	presto/tpcds: q68	549.800000	2.328948	427.400000	1.117139
68	presto/tpcds: q69	309.400000	0.726636	298.100000	0.797496
69	presto/tpcds: q70	1120.300000	5.944746	1054.500000	6.667833
70	presto/tpcds: q71	613.300000	6.422149	470.700000	1.184905
71	presto/tpcds: q72	763.300000	2.092845	696.300000	3.993495
72	presto/tpcds: q73	299.700000	0.501996	279.400000	0.619677
73	presto/tpcds: q74	1942.300000	2.193627	1832.800000	2.619924
74	presto/tpcds: q75	2526.300000	16.129848	2137.700000	16.372049
75	presto/tpcds: q76	548.100000	5.875713	395.800000	0.309839
76	presto/tpcds: q77	536.000000	7.500400	405.600000	0.848528
77	presto/tpcds: q78	5664.000000	18.590320	5586.000000	14.696938
78	presto/tpcds: q79	553.100000	1.836301	478.900000	0.451664
79	presto/tpcds: q80	3846.000000	14.696938	3810.000000	27.099815
80	presto/tpcds: q81	198.100000	0.797496	183.100000	0.451664
81	presto/tpcds: q82	355.100000	1.389964	313.500000	1.505988
82	presto/tpcds: q83	78.900000	0.328634	69.200000	0.309839
83	presto/tpcds: q84	46.633333	0.522481	43.218333	0.533120

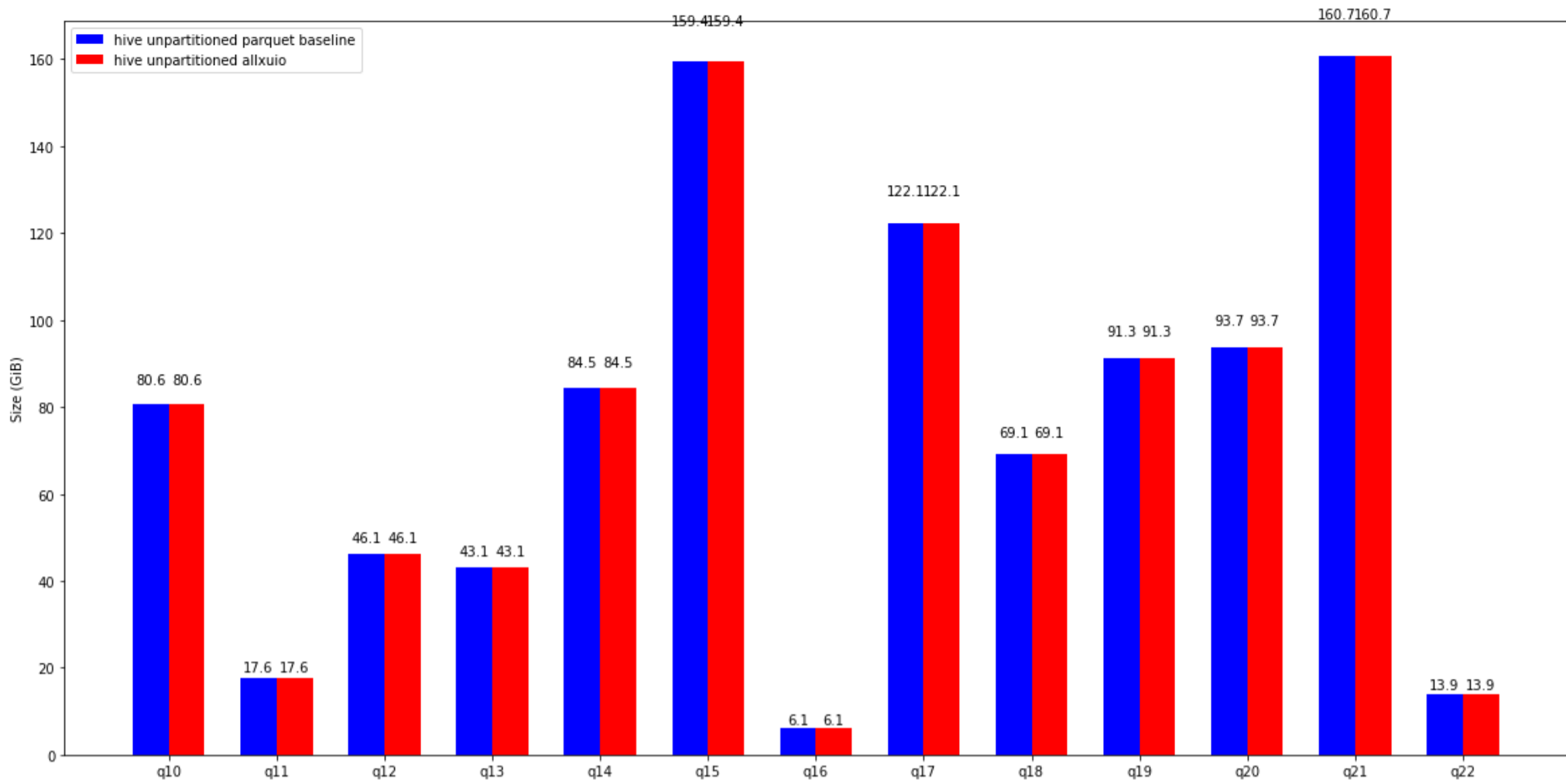
	query	hive unpartitioned parquet baseline mean	hive unpartitioned parquet baseline std.dev	hive unpartitioned allxuiio mean	hive unpartitioned allxuiio std.dev
84	presto/tpcds: q85	282.900000	3.614969	235.300000	1.440833
85	presto/tpcds: q86	216.200000	0.903327	195.700000	0.451664
86	presto/tpcds: q87	1162.900000	1.033441	1180.700000	1.033441
87	presto/tpcds: q88	1903.500000	3.100323	1863.300000	13.479317
88	presto/tpcds: q89	491.300000	1.583667	409.300000	0.589915
89	presto/tpcds: q90	114.700000	0.451664	108.300000	0.328634
90	presto/tpcds: q91	21.940000	0.102567	17.393333	0.145694
91	presto/tpcds: q92	154.500000	0.827043	118.000000	0.489898
92	presto/tpcds: q93	2115.100000	9.920282	2051.500000	2.289978
93	presto/tpcds: q94	246.600000	0.536656	219.100000	0.589915
94	presto/tpcds: q95	1074.400000	5.170687	1061.500000	2.258318
95	presto/tpcds: q96	227.000000	0.309839	220.400000	0.309839
96	presto/tpcds: q97	1399.900000	15.406882	1326.300000	8.676174
97	presto/tpcds: q98	351.800000	1.050714	272.900000	0.244949
98	presto/tpcds: q99	563.200000	0.619677	567.400000	0.619677

TPC-H Comparison (Peak memory)

TPC-DS Comparison (Peak memory)

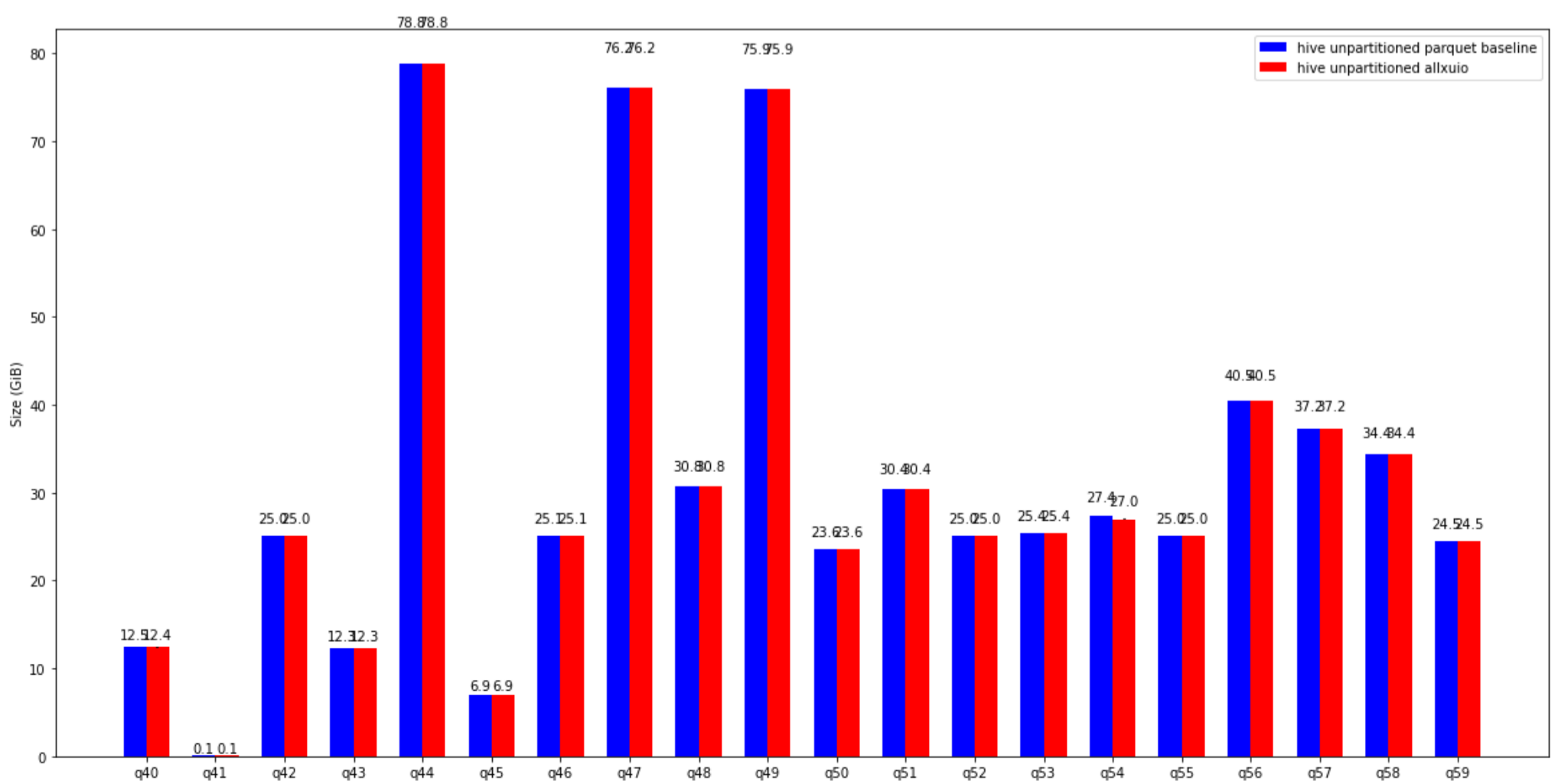
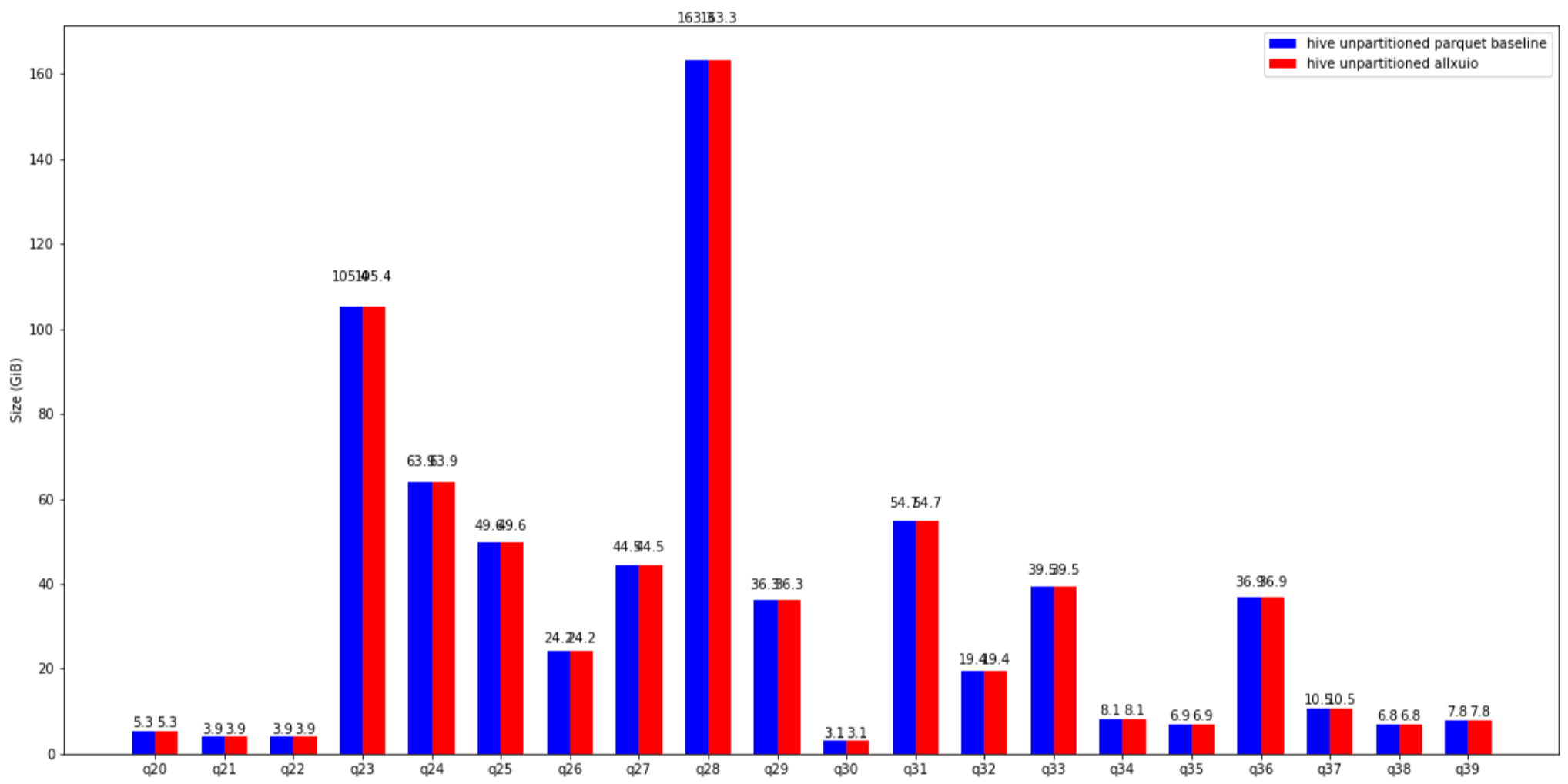
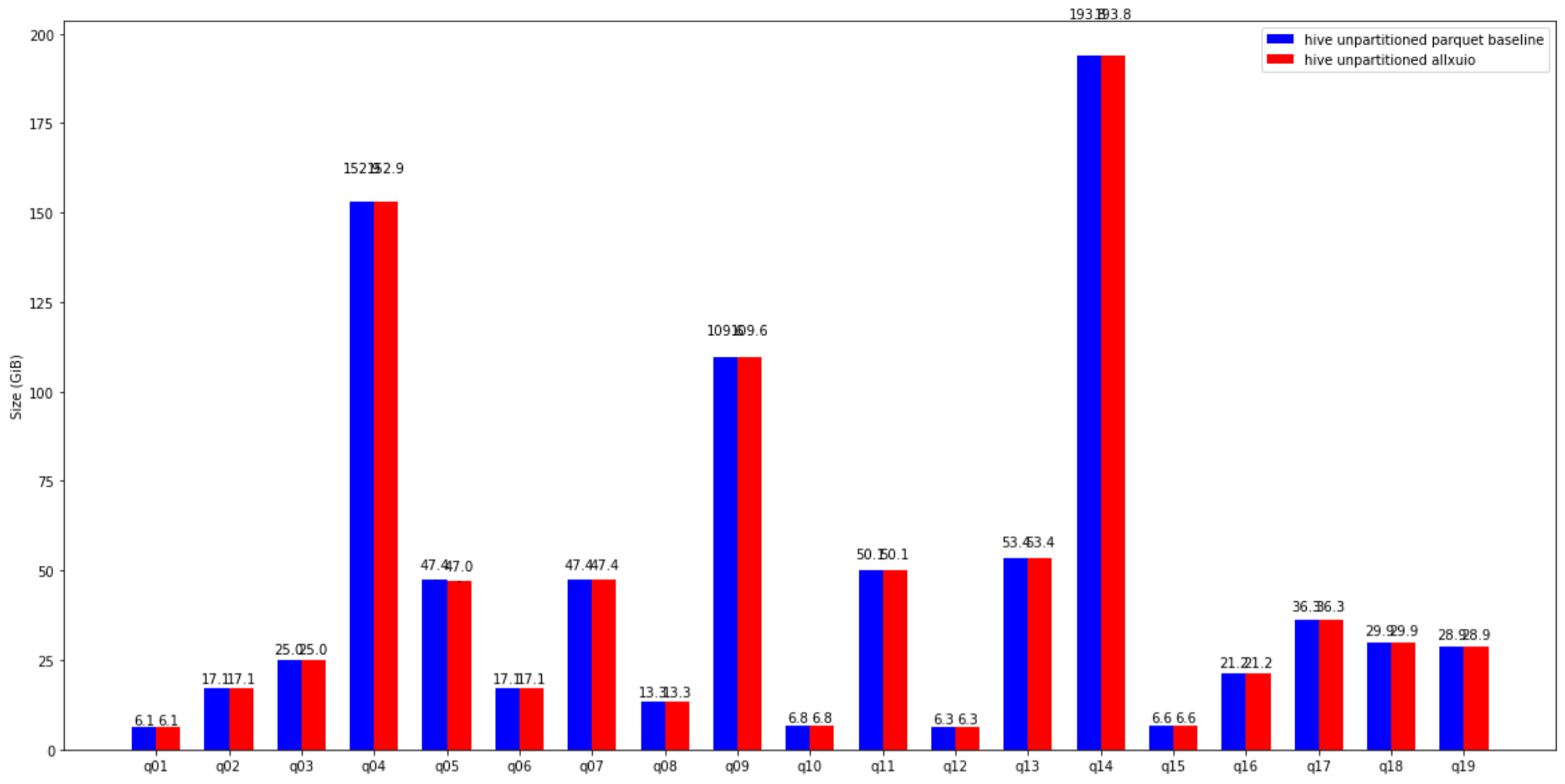
TPC-H Comparison (physicalInputDataSize)

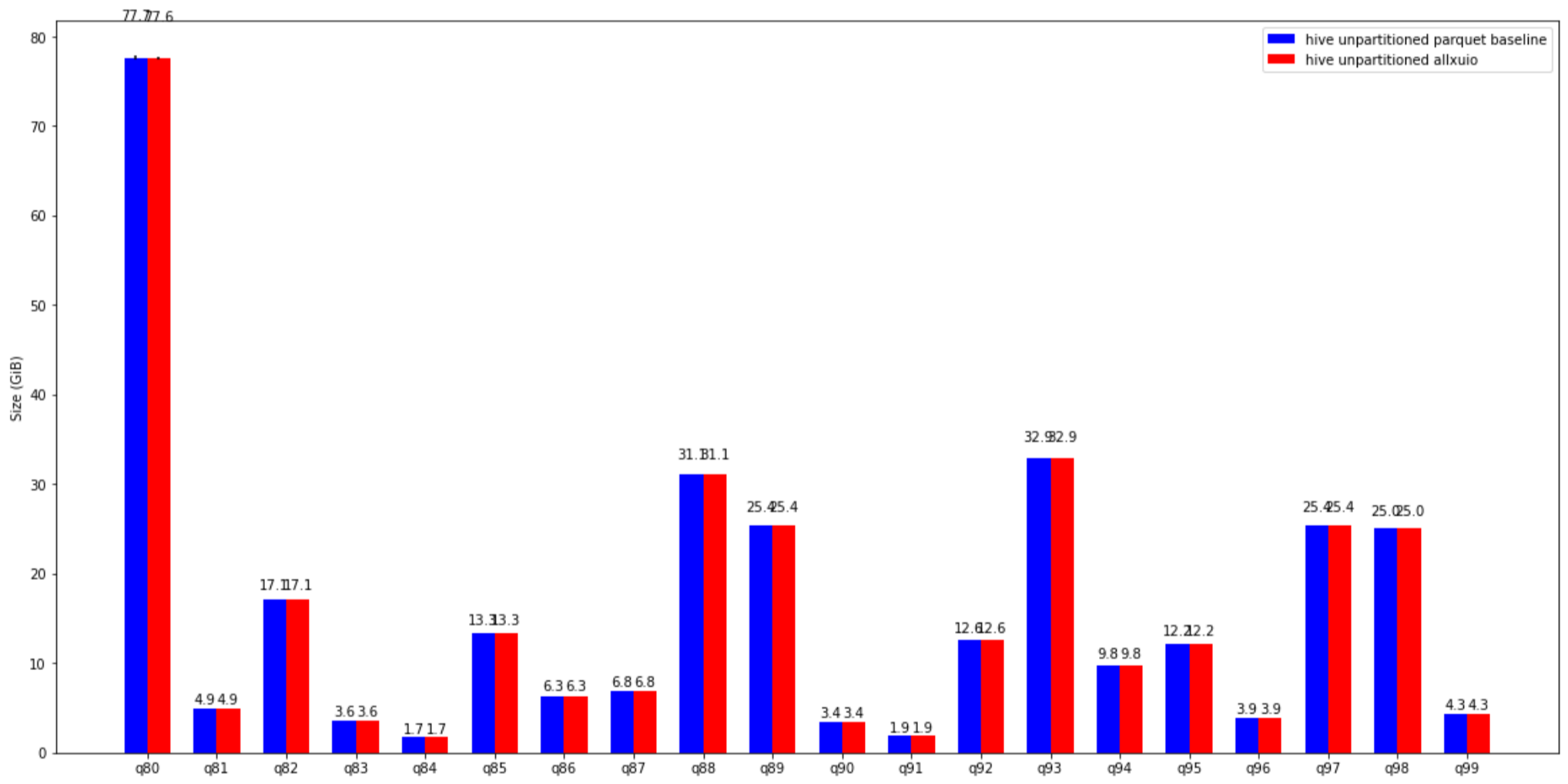
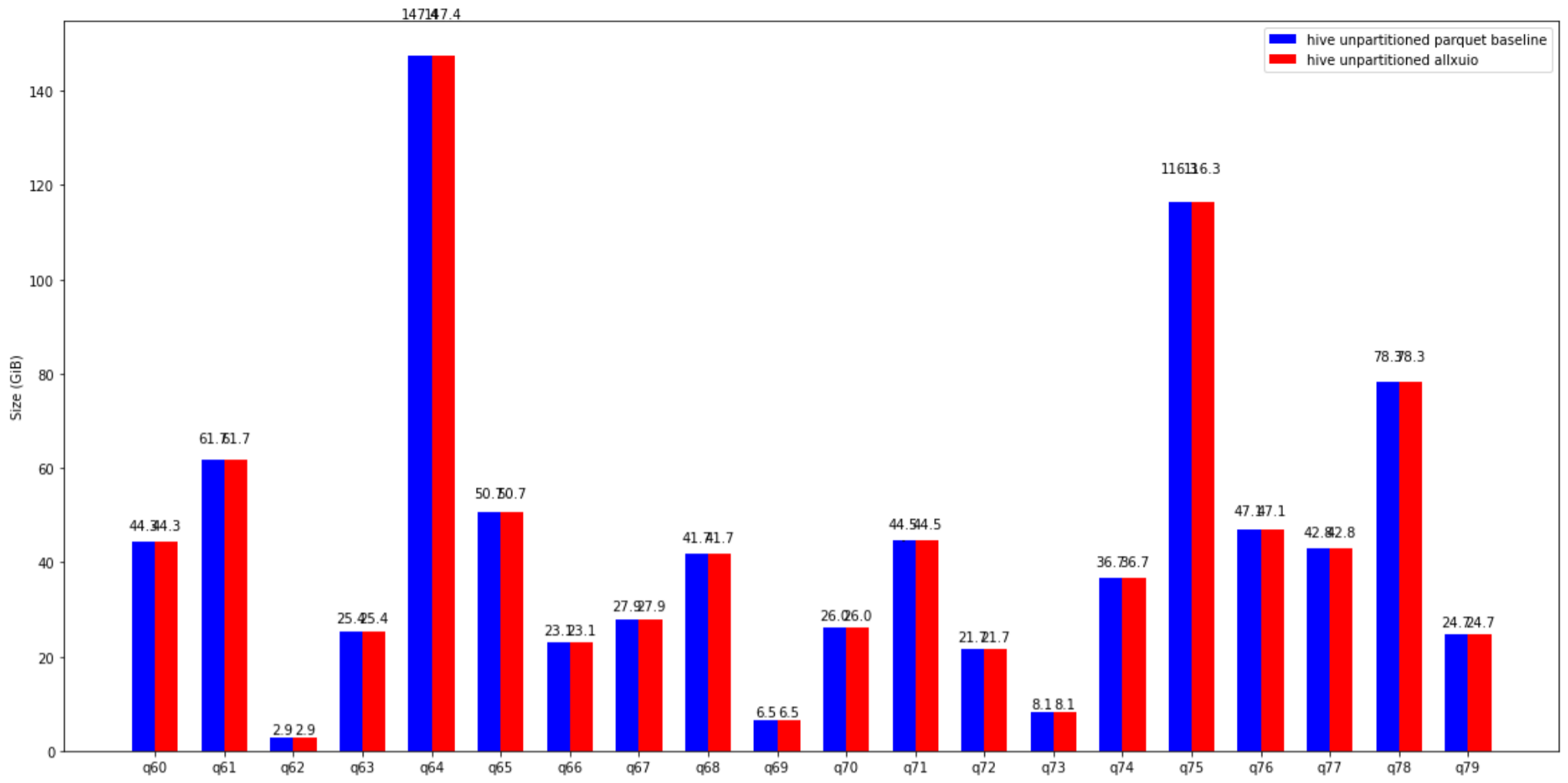




query	hive unpartitioned parquet baseline mean	hive unpartitioned parquet baseline std.dev	hive unpartitioned allxuo mean	hive unpartitioned allxuo std.dev	
0	presto/tpch: q01	74.254 GiB	0	74.254 GiB	0
1	presto/tpch: q02	18.259 GiB	0	18.259 GiB	0
2	presto/tpch: q03	76.705 GiB	0	76.705 GiB	0
3	presto/tpch: q04	35.890 GiB	0	35.890 GiB	0
4	presto/tpch: q05	97.910 GiB	0	97.910 GiB	0
5	presto/tpch: q06	61.208 GiB	0	61.208 GiB	0
6	presto/tpch: q07	104.446 GiB	0	104.446 GiB	0
7	presto/tpch: q08	132.777 GiB	0	132.777 GiB	0
8	presto/tpch: q09	145.713 GiB	0	145.713 GiB	0
9	presto/tpch: q10	80.563 GiB	0	80.563 GiB	0
10	presto/tpch: q11	17.559 GiB	0	17.559 GiB	0
11	presto/tpch: q12	46.070 GiB	0	46.070 GiB	0
12	presto/tpch: q13	43.115 GiB	0	43.115 GiB	0
13	presto/tpch: q14	84.505 GiB	0	84.505 GiB	0
14	presto/tpch: q15	159.381 GiB	0	159.381 GiB	0
15	presto/tpch: q16	6.097 GiB	0	6.097 GiB	0
16	presto/tpch: q17	122.137 GiB	0	122.137 GiB	0
17	presto/tpch: q18	69.076 GiB	1.292 MiB	69.077 GiB	920.794 KiB
18	presto/tpch: q19	91.300 GiB	0	91.300 GiB	0
19	presto/tpch: q20	93.730 GiB	0	93.730 GiB	0
20	presto/tpch: q21	160.733 GiB	0	160.733 GiB	0
21	presto/tpch: q22	13.928 GiB	0	13.928 GiB	0

TPC-DS Comparison (physicalInputDataSize)





query	hive unpartitioned parquet baseline mean	hive unpartitioned parquet baseline std.dev	hive unpartitioned allxuiio mean	hive unpartitioned allxuiio std.dev
0 presto/tpcds: q01	6.146 GiB	150.242 KiB	6.146 GiB	366.610 KiB
1 presto/tpcds: q02	17.100 GiB	0	17.100 GiB	0
2 presto/tpcds: q03	25.043 GiB	0	25.043 GiB	0
3 presto/tpcds: q04	152.907 GiB	0	152.907 GiB	0
4 presto/tpcds: q05	47.385 GiB	233.576 MiB	46.979 GiB	97.379 MiB
5 presto/tpcds: q06	17.116 GiB	0	17.116 GiB	0
6 presto/tpcds: q07	47.364 GiB	0	47.364 GiB	0
7 presto/tpcds: q08	13.310 GiB	0	13.310 GiB	8.575 KiB
8 presto/tpcds: q09	109.645 GiB	0	109.645 GiB	0
9 presto/tpcds: q10	6.838 GiB	0	6.838 GiB	0
10 presto/tpcds: q11	50.119 GiB	0	50.119 GiB	0
11 presto/tpcds: q12	6.299 GiB	0	6.299 GiB	0

	query	hive unpartitioned parquet baseline mean	hive unpartitioned parquet baseline std.dev	hive unpartitioned allxuiob mean	hive unpartitioned allxuiob std.dev
12	presto/tpcds: q13	53.412 GiB	0	53.412 GiB	0
13	presto/tpcds: q14	193.799 GiB	0	193.799 GiB	0
14	presto/tpcds: q15	6.646 GiB	0	6.646 GiB	0
15	presto/tpcds: q16	21.209 GiB	0	21.209 GiB	0
16	presto/tpcds: q17	36.297 GiB	748.767 KiB	36.296 GiB	2.175 MiB
17	presto/tpcds: q18	29.911 GiB	0	29.911 GiB	0
18	presto/tpcds: q19	28.932 GiB	0	28.932 GiB	0
19	presto/tpcds: q20	5.338 GiB	0	5.338 GiB	0
20	presto/tpcds: q21	3.927 GiB	0	3.927 GiB	0
21	presto/tpcds: q22	3.924 GiB	0	3.924 GiB	0
22	presto/tpcds: q23	105.367 GiB	0	105.367 GiB	0
23	presto/tpcds: q24	63.906 GiB	0	63.906 GiB	0
24	presto/tpcds: q25	49.612 GiB	4.084 MiB	49.612 GiB	4.016 MiB
25	presto/tpcds: q26	24.156 GiB	0	24.156 GiB	0
26	presto/tpcds: q27	44.546 GiB	0	44.546 GiB	0
27	presto/tpcds: q28	163.257 GiB	0	163.257 GiB	0
28	presto/tpcds: q29	36.296 GiB	0	36.295 GiB	553.827 KiB
29	presto/tpcds: q30	3.054 GiB	0	3.054 GiB	0
30	presto/tpcds: q31	54.715 GiB	0	54.715 GiB	0
31	presto/tpcds: q32	19.364 GiB	0	19.370 GiB	15.077 MiB
32	presto/tpcds: q33	39.489 GiB	0	39.489 GiB	0
33	presto/tpcds: q34	8.110 GiB	839.926 KiB	8.110 GiB	1.674 MiB
34	presto/tpcds: q35	6.876 GiB	0	6.876 GiB	0
35	presto/tpcds: q36	36.861 GiB	0	36.861 GiB	0
36	presto/tpcds: q37	10.502 GiB	0	10.502 GiB	0
37	presto/tpcds: q38	6.835 GiB	0	6.835 GiB	0
38	presto/tpcds: q39	7.840 GiB	0	7.840 GiB	132.970 KiB
39	presto/tpcds: q40	12.492 GiB	11.299 MiB	12.436 GiB	58.254 MiB
40	presto/tpcds: q41	58.725 MiB	0	58.725 MiB	0
41	presto/tpcds: q42	25.039 GiB	0	25.039 GiB	0
42	presto/tpcds: q43	12.275 GiB	0	12.275 GiB	0
43	presto/tpcds: q44	78.841 GiB	0	78.841 GiB	0
44	presto/tpcds: q45	6.950 GiB	0	6.950 GiB	0
45	presto/tpcds: q46	25.078 GiB	1.031 MiB	25.079 GiB	187.132 KiB
46	presto/tpcds: q47	76.166 GiB	553.788 KiB	76.167 GiB	220.603 KiB
47	presto/tpcds: q48	30.765 GiB	0	30.765 GiB	0

	query	hive unpartitioned parquet baseline mean	hive unpartitioned parquet baseline std.dev	hive unpartitioned allxuiob mean	hive unpartitioned allxuiob std.dev
48	presto/tpcds: q49	75.938 GiB	0	75.938 GiB	0
49	presto/tpcds: q50	23.621 GiB	40.797 KiB	23.622 GiB	600.652 KiB
50	presto/tpcds: q51	30.439 GiB	0	30.439 GiB	0
51	presto/tpcds: q52	25.039 GiB	0	25.039 GiB	0
52	presto/tpcds: q53	25.389 GiB	0	25.389 GiB	0
53	presto/tpcds: q54	27.390 GiB	26.040 MiB	26.993 GiB	52.553 MiB
54	presto/tpcds: q55	25.039 GiB	0	25.039 GiB	0
55	presto/tpcds: q56	40.515 GiB	490.894 KiB	40.517 GiB	868.343 KiB
56	presto/tpcds: q57	37.232 GiB	34.923 KiB	37.232 GiB	132.091 KiB
57	presto/tpcds: q58	34.388 GiB	0	34.388 GiB	0
58	presto/tpcds: q59	24.452 GiB	9.593 MiB	24.452 GiB	6.565 MiB
59	presto/tpcds: q60	44.255 GiB	0	44.255 GiB	0
60	presto/tpcds: q61	61.735 GiB	241.327 KiB	61.735 GiB	548.129 KiB
61	presto/tpcds: q62	2.893 GiB	40.828 KiB	2.893 GiB	55.700 KiB
62	presto/tpcds: q63	25.389 GiB	0	25.389 GiB	0
63	presto/tpcds: q64	147.411 GiB	700.218 KiB	147.412 GiB	544.733 KiB
64	presto/tpcds: q65	50.704 GiB	0	50.704 GiB	0
65	presto/tpcds: q66	23.060 GiB	8.312 MiB	23.059 GiB	5.372 MiB
66	presto/tpcds: q67	27.945 GiB	0	27.945 GiB	0
67	presto/tpcds: q68	41.716 GiB	0	41.716 GiB	338.750 KiB
68	presto/tpcds: q69	6.528 GiB	0	6.528 GiB	0
69	presto/tpcds: q70	26.024 GiB	102.921 KiB	26.024 GiB	0
70	presto/tpcds: q71	44.513 GiB	21.230 MiB	44.539 GiB	21.101 MiB
71	presto/tpcds: q72	21.675 GiB	624.518 KiB	21.675 GiB	587.946 KiB
72	presto/tpcds: q73	8.109 GiB	1.103 MiB	8.108 GiB	2.411 MiB
73	presto/tpcds: q74	36.722 GiB	0	36.722 GiB	0
74	presto/tpcds: q75	116.322 GiB	142.775 KiB	116.322 GiB	82.237 KiB
75	presto/tpcds: q76	47.054 GiB	290.901 KiB	47.054 GiB	73.731 KiB
76	presto/tpcds: q77	42.814 GiB	192.434 KiB	42.814 GiB	173.796 KiB
77	presto/tpcds: q78	78.300 GiB	2.416 MiB	78.311 GiB	0.918 MiB
78	presto/tpcds: q79	24.741 GiB	3.036 MiB	24.742 GiB	838.429 KiB
79	presto/tpcds: q80	77.666 GiB	220.149 MiB	77.571 GiB	150.406 MiB
80	presto/tpcds: q81	4.927 GiB	0	4.927 GiB	0
81	presto/tpcds: q82	17.060 GiB	0	17.060 GiB	0
82	presto/tpcds: q83	3.556 GiB	0	3.556 GiB	0
83	presto/tpcds: q84	1.749 GiB	0	1.749 GiB	0

	query	hive unpartitioned parquet baseline mean	hive unpartitioned parquet baseline std.dev	hive unpartitioned allxuiio mean	hive unpartitioned allxuiio std.dev
84	presto/tpcds: q85	13.315 GiB	5.917 MiB	13.313 GiB	4.452 MiB
85	presto/tpcds: q86	6.304 GiB	0	6.304 GiB	0
86	presto/tpcds: q87	6.835 GiB	0	6.835 GiB	0
87	presto/tpcds: q88	31.054 GiB	905.411 KiB	31.054 GiB	449.278 KiB
88	presto/tpcds: q89	25.389 GiB	0	25.389 GiB	0
89	presto/tpcds: q90	3.444 GiB	34.087 MiB	3.440 GiB	10.574 MiB
90	presto/tpcds: q91	1.892 GiB	713.885 KiB	1.891 GiB	829.869 KiB
91	presto/tpcds: q92	12.572 GiB	0	12.572 GiB	0
92	presto/tpcds: q93	32.889 GiB	0	32.889 GiB	0
93	presto/tpcds: q94	9.784 GiB	0	9.784 GiB	0
94	presto/tpcds: q95	12.190 GiB	34.577 KiB	12.190 GiB	299.884 KiB
95	presto/tpcds: q96	3.880 GiB	0	3.880 GiB	0
96	presto/tpcds: q97	25.411 GiB	0	25.411 GiB	0
97	presto/tpcds: q98	25.033 GiB	0	25.033 GiB	0
98	presto/tpcds: q99	4.341 GiB	9.693 KiB	4.341 GiB	12.042 KiB

TPC-H Comparison (internalNetworkInputDataSize GB)

TPC-DS Comparison (internalNetworkInputDataSize GB)