

FAILED QUERIES

hive unpartitioned parquet baseline

benchmark query mean_duration std_dev

zstd unpartitioned

benchmark query mean_duration std_dev

SUMMARY

	label	TPC-DS wall time	TPC-DS CPU time	TPC-DS physicalInputDataSize	TPC-DS internalNetworkInputDataSize	TPC-DS peak memory	TPC-DS planning time
0	hive unpartitioned parquet baseline	1088.133000	118742.022167	3.318 TiB	2.066 TiB	1.234 TiB	29.014665
1	zstd unpartitioned	1136.374333	151697.344667	3.318 TiB	497.716 GiB	1.253 TiB	29.057175

Store sales flat Comparison (DURATION)

Store sales flat Comparison (CPU)

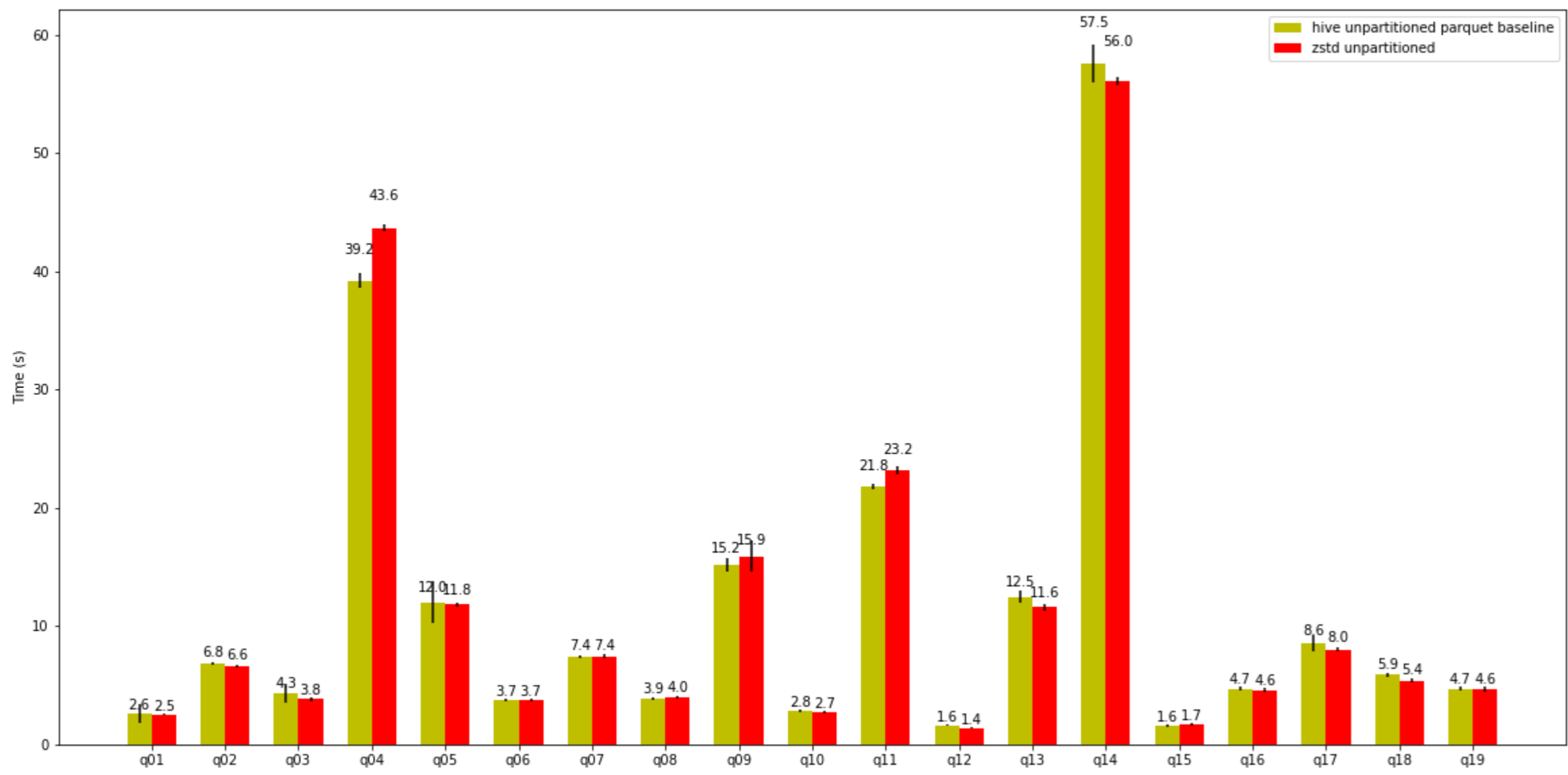
Insert Comparison (DURATION)

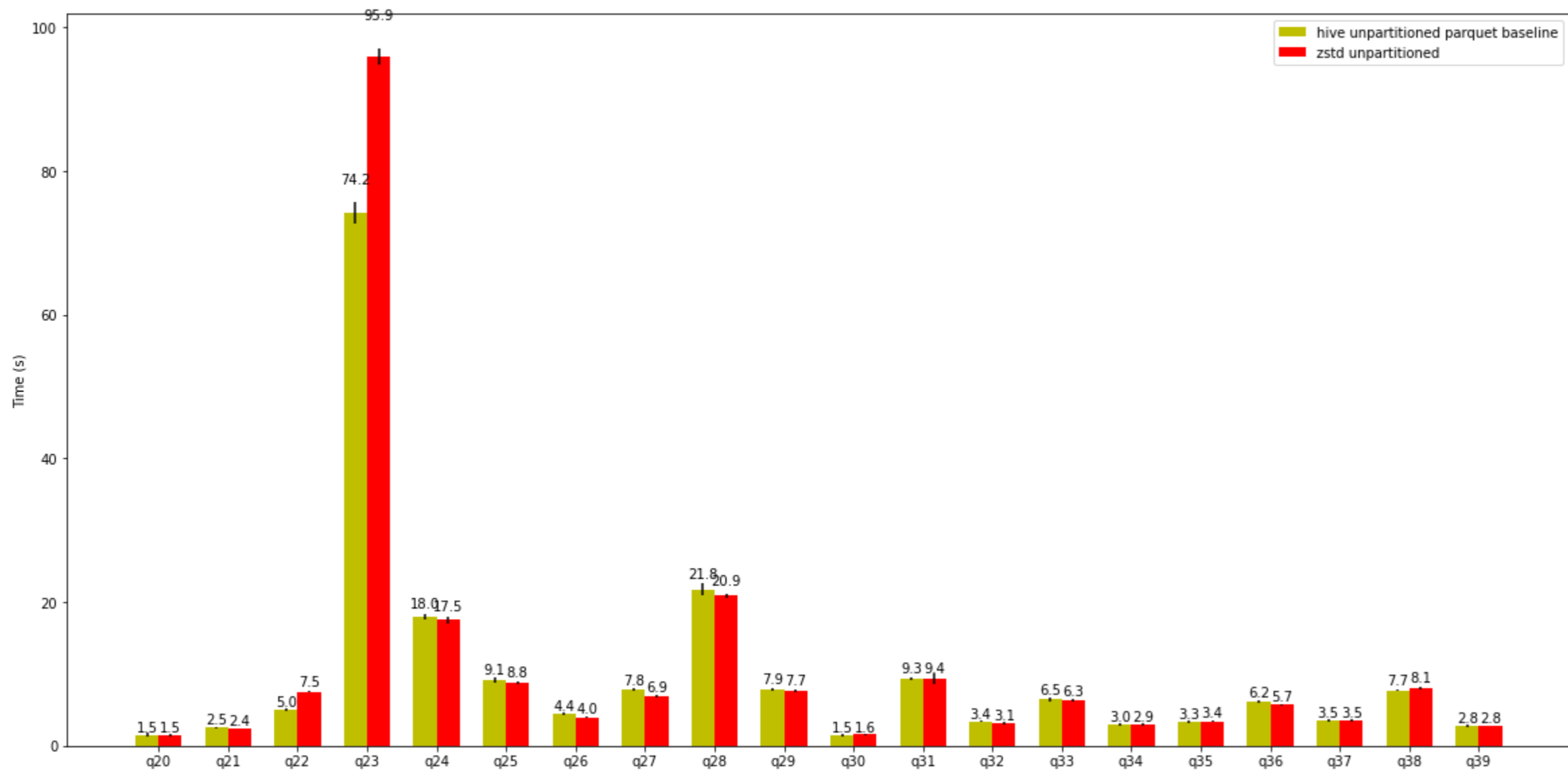
Insert Comparison (CPU)

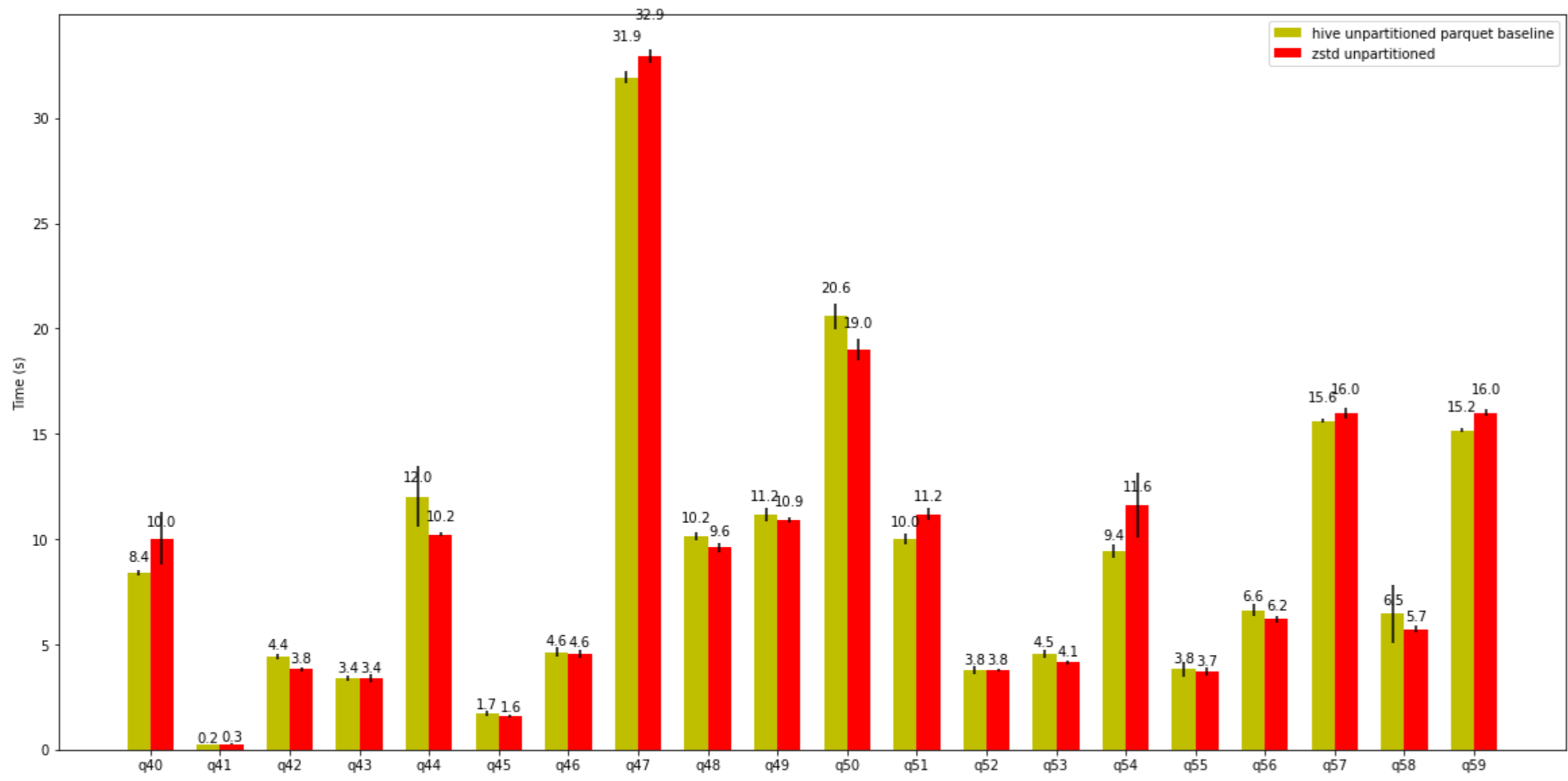
Insert Comparison (PEAK MEMORY)

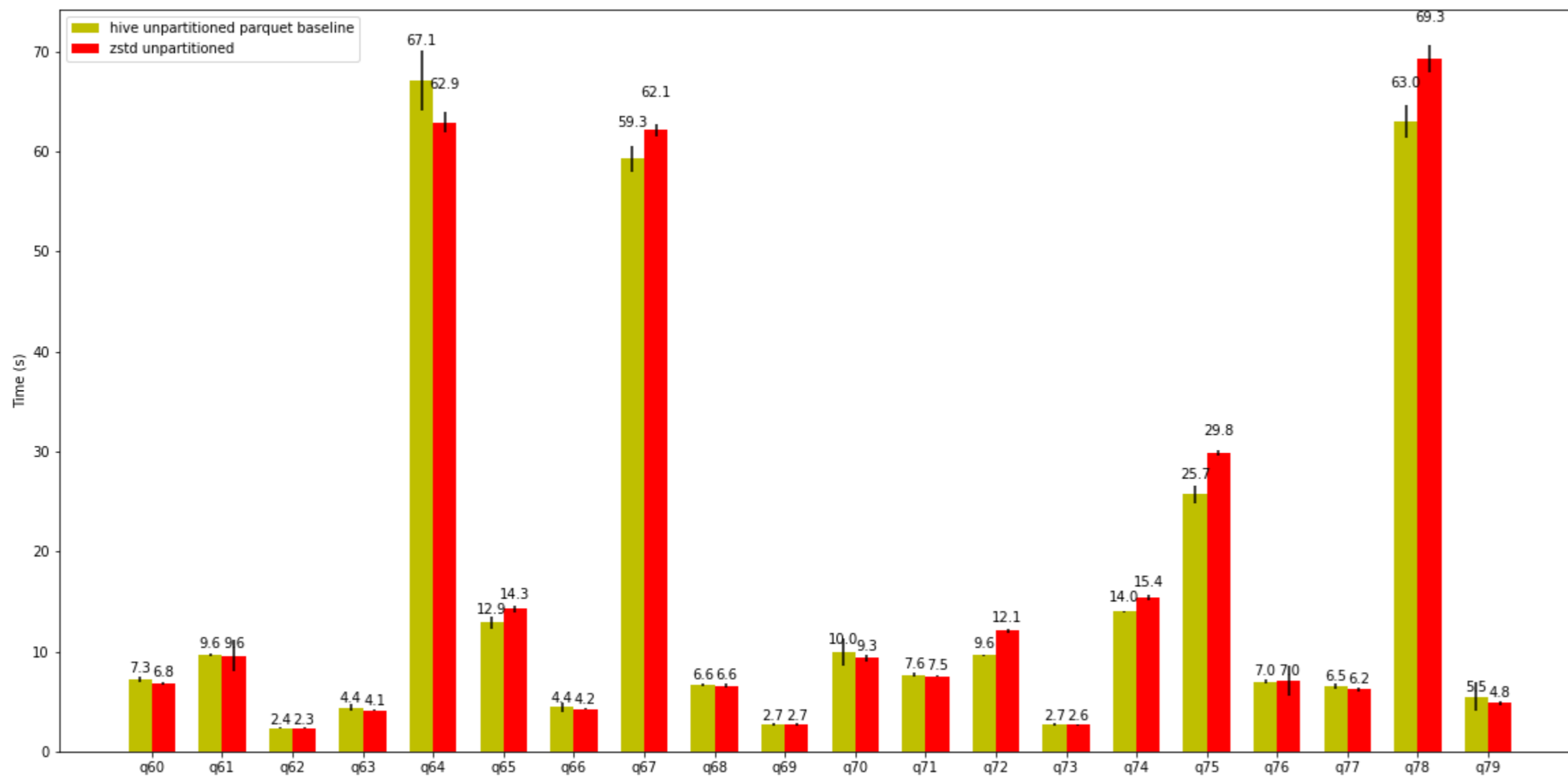
TPC-H Comparison (DURATION)

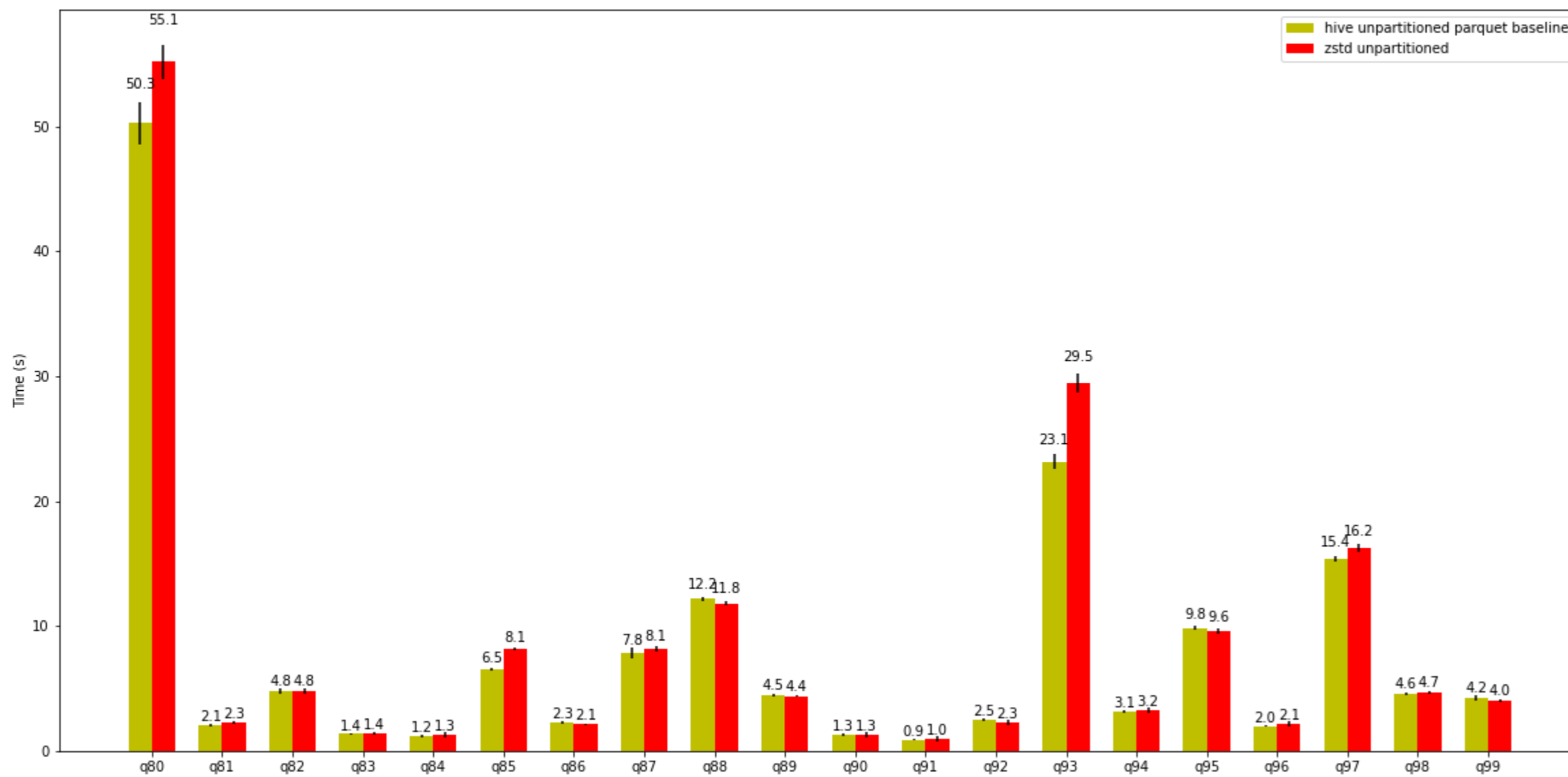
TPC-DS Comparison (DURATION)











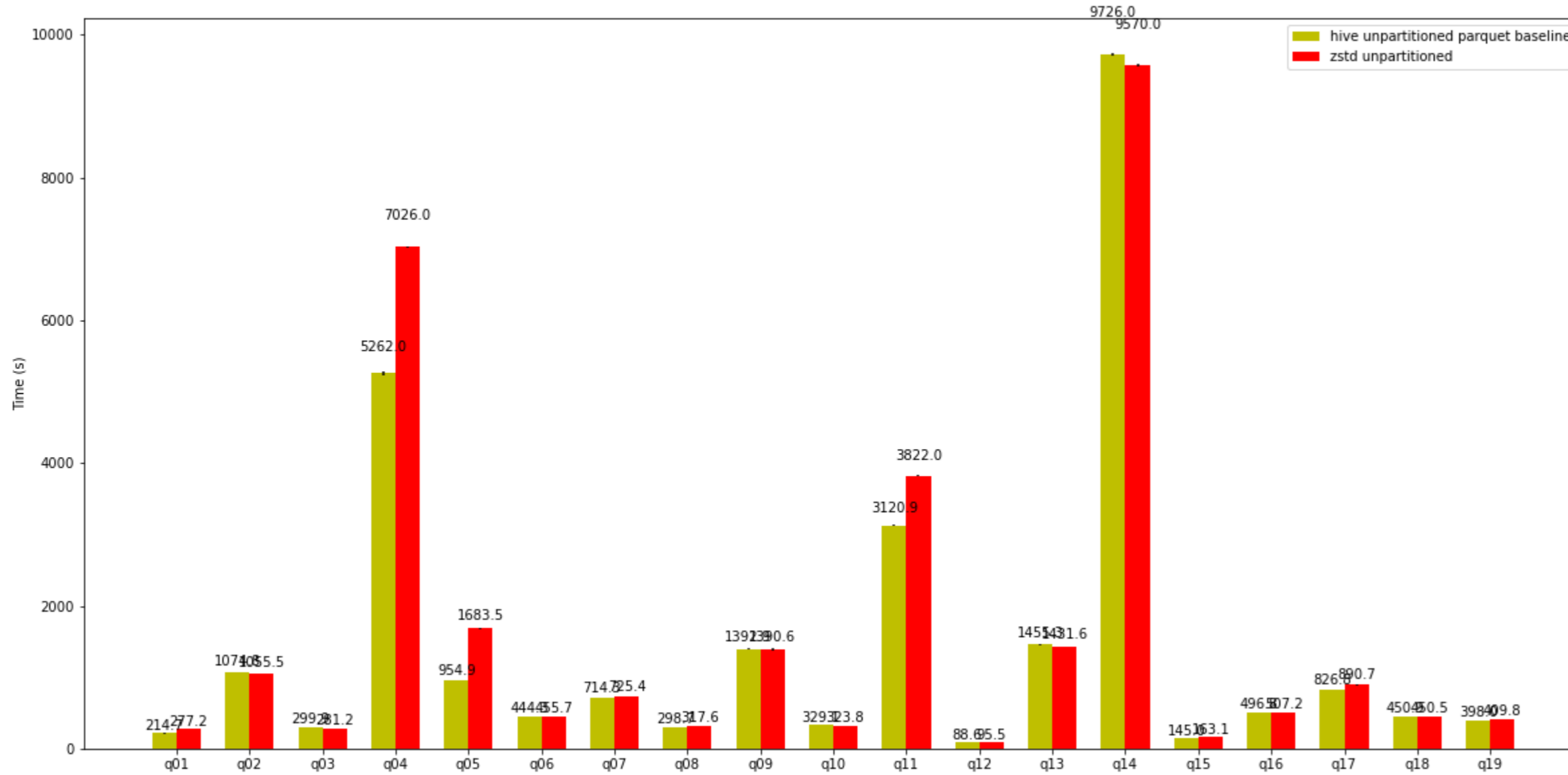
query	hive unpartitioned parquet baseline mean	hive unpartitioned parquet baseline std.dev	zstd unpartitioned mean	zstd unpartitioned std.dev
0 presto/tpcds: q01	2.609667	0.785563	2.528167	0.047309
1 presto/tpcds: q02	6.789000	0.108863	6.592167	0.154177
2 presto/tpcds: q03	4.298167	0.784150	3.811667	0.210016
3 presto/tpcds: q04	39.217000	0.591815	43.646000	0.263472
4 presto/tpcds: q05	12.002000	1.798430	11.832500	0.196278
5 presto/tpcds: q06	3.724000	0.091142	3.729333	0.149485
6 presto/tpcds: q07	7.377667	0.096438	7.426167	0.166819
7 presto/tpcds: q08	3.873167	0.087197	3.977167	0.109879
8 presto/tpcds: q09	15.194833	0.548164	15.883833	1.318928
9 presto/tpcds: q10	2.801500	0.096604	2.740000	0.080172
10 presto/tpcds: q11	21.802000	0.255604	23.167500	0.293992
11 presto/tpcds: q12	1.589667	0.054709	1.401667	0.055363
12 presto/tpcds: q13	12.484500	0.461545	11.584500	0.255326
13 presto/tpcds: q14	57.544333	1.597490	56.031500	0.362588
14 presto/tpcds: q15	1.582167	0.091556	1.667500	0.114875
15 presto/tpcds: q16	4.695667	0.143094	4.597167	0.189002
16 presto/tpcds: q17	8.595667	0.688327	8.024667	0.149495
17 presto/tpcds: q18	5.890000	0.181821	5.401167	0.149943

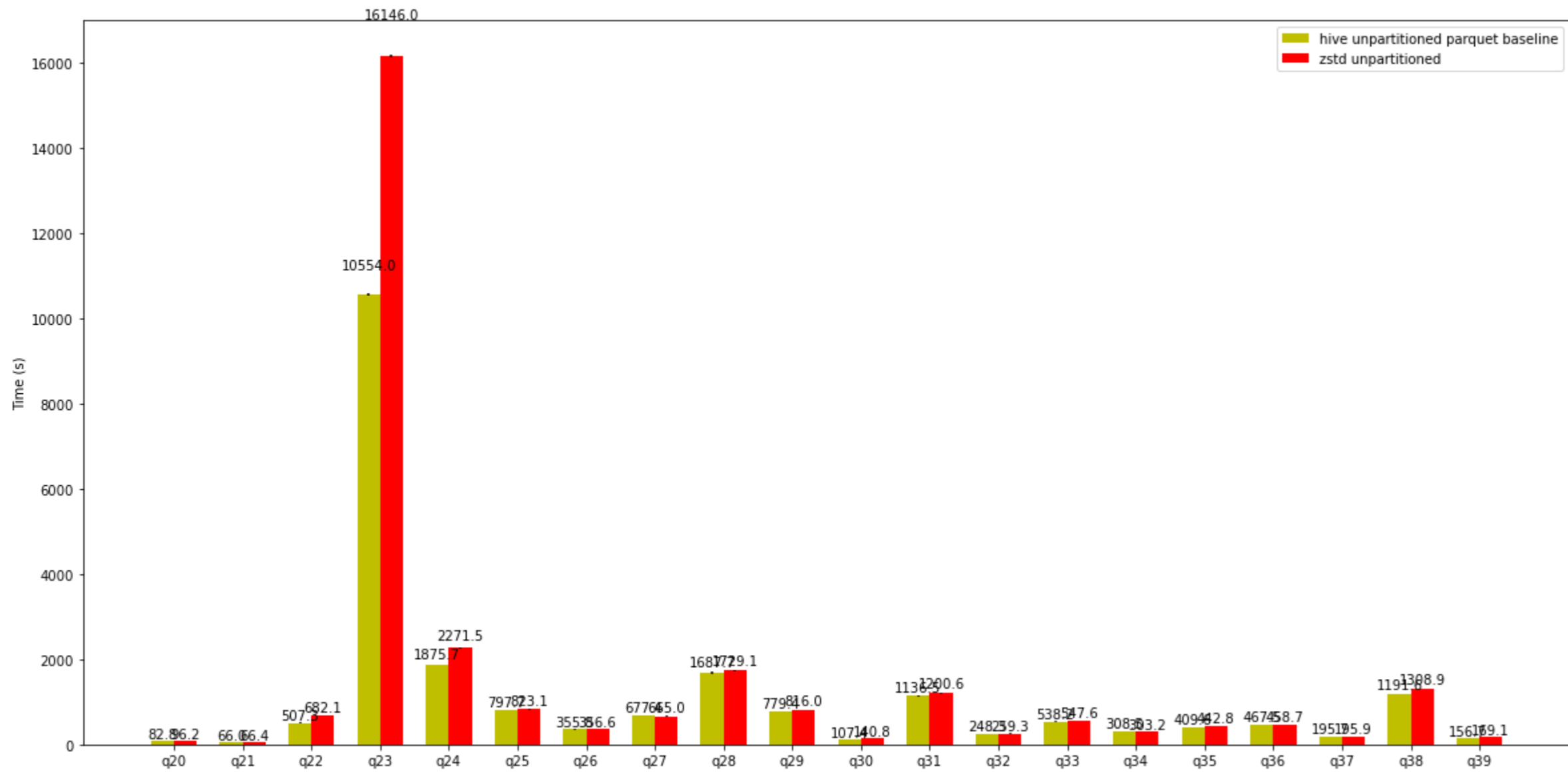
	query	hive unpartitioned parquet baseline mean	hive unpartitioned parquet baseline std.dev	zstd unpartitioned mean	zstd unpartitioned std.dev
18	presto/tpcds: q19	4.671167	0.180696	4.630333	0.253852
19	presto/tpcds: q20	1.504833	0.239094	1.467167	0.103173
20	presto/tpcds: q21	2.533667	0.069333	2.416000	0.034129
21	presto/tpcds: q22	4.968167	0.199513	7.537833	0.056044
22	presto/tpcds: q23	74.164833	1.463281	95.921000	1.138705
23	presto/tpcds: q24	17.986667	0.394883	17.537167	0.461806
24	presto/tpcds: q25	9.144000	0.385645	8.792500	0.213567
25	presto/tpcds: q26	4.433500	0.151529	3.955500	0.106517
26	presto/tpcds: q27	7.766000	0.184532	6.915500	0.254520
27	presto/tpcds: q28	21.777833	0.871357	20.904167	0.264803
28	presto/tpcds: q29	7.882167	0.172974	7.700000	0.215951
29	presto/tpcds: q30	1.453833	0.114692	1.590500	0.126041
30	presto/tpcds: q31	9.328000	0.245833	9.404667	0.759667
31	presto/tpcds: q32	3.373000	0.101849	3.146500	0.099671
32	presto/tpcds: q33	6.461833	0.222459	6.275000	0.212007
33	presto/tpcds: q34	3.005333	0.181967	2.928833	0.179561
34	presto/tpcds: q35	3.274500	0.200373	3.382500	0.057664
35	presto/tpcds: q36	6.182000	0.129843	5.693000	0.127205
36	presto/tpcds: q37	3.528667	0.100949	3.509000	0.241865
37	presto/tpcds: q38	7.667333	0.080619	8.063000	0.161390
38	presto/tpcds: q39	2.764500	0.161562	2.770000	0.048924
39	presto/tpcds: q40	8.427333	0.121456	10.029500	1.232552
40	presto/tpcds: q41	0.233167	0.008010	0.253667	0.031835
41	presto/tpcds: q42	4.436000	0.118539	3.826833	0.107706
42	presto/tpcds: q43	3.401667	0.137714	3.391333	0.203456
43	presto/tpcds: q44	12.007833	1.442124	10.217500	0.088798
44	presto/tpcds: q45	1.720167	0.129780	1.607833	0.077886
45	presto/tpcds: q46	4.633167	0.228550	4.552167	0.166380
46	presto/tpcds: q47	31.936167	0.274873	32.932333	0.324451
47	presto/tpcds: q48	10.158500	0.190824	9.595833	0.205418
48	presto/tpcds: q49	11.156833	0.310308	10.906500	0.156602
49	presto/tpcds: q50	20.578167	0.633860	18.999833	0.540739
50	presto/tpcds: q51	9.998667	0.273946	11.193000	0.263793
51	presto/tpcds: q52	3.764500	0.193533	3.763833	0.076072
52	presto/tpcds: q53	4.549167	0.176871	4.130667	0.067503
53	presto/tpcds: q54	9.419333	0.311979	11.600500	1.532788
54	presto/tpcds: q55	3.811000	0.325774	3.693833	0.183451
55	presto/tpcds: q56	6.625000	0.307304	6.202833	0.150251
56	presto/tpcds: q57	15.624167	0.122761	15.978667	0.240950
57	presto/tpcds: q58	6.456167	1.397051	5.726833	0.149119

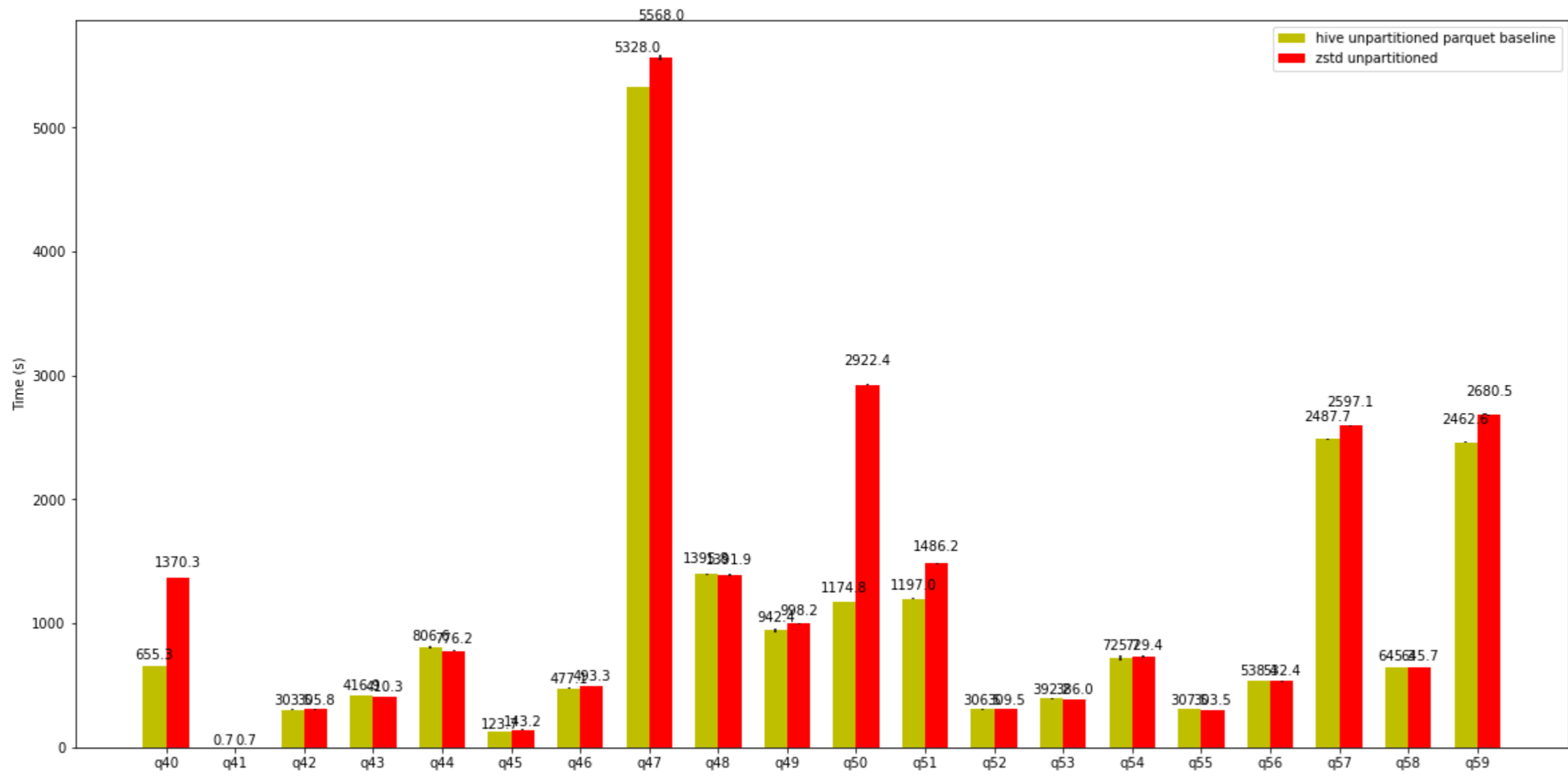
	query	hive unpartitioned parquet baseline mean	hive unpartitioned parquet baseline std.dev	zstd unpartitioned mean	zstd unpartitioned std.dev
58	presto/tpcds: q59	15.175333	0.120495	16.002167	0.158281
59	presto/tpcds: q60	7.253667	0.268091	6.808333	0.180124
60	presto/tpcds: q61	9.632333	0.116795	9.578333	1.606426
61	presto/tpcds: q62	2.358667	0.051243	2.309500	0.051578
62	presto/tpcds: q63	4.403000	0.286522	4.097167	0.055873
63	presto/tpcds: q64	67.069333	3.002037	62.914333	1.026986
64	presto/tpcds: q65	12.875167	0.565431	14.284833	0.334555
65	presto/tpcds: q66	4.432000	0.462476	4.233500	0.080197
66	presto/tpcds: q67	59.279500	1.304245	62.125667	0.622213
67	presto/tpcds: q68	6.644333	0.188348	6.568000	0.201735
68	presto/tpcds: q69	2.686667	0.087760	2.719833	0.104325
69	presto/tpcds: q70	9.968333	1.366351	9.346167	0.371391
70	presto/tpcds: q71	7.643167	0.214808	7.516500	0.070225
71	presto/tpcds: q72	9.610833	0.099682	12.093833	0.196934
72	presto/tpcds: q73	2.740000	0.136562	2.641000	0.085888
73	presto/tpcds: q74	13.957167	0.134290	15.398167	0.216853
74	presto/tpcds: q75	25.693500	0.909626	29.836833	0.270736
75	presto/tpcds: q76	6.987167	0.218870	7.040333	1.501338
76	presto/tpcds: q77	6.534500	0.295443	6.192500	0.227156
77	presto/tpcds: q78	62.962000	1.628855	69.270667	1.360238
78	presto/tpcds: q79	5.490667	1.485764	4.847667	0.231308
79	presto/tpcds: q80	50.270167	1.697300	55.145333	1.346329
80	presto/tpcds: q81	2.077500	0.109261	2.300167	0.089647
81	presto/tpcds: q82	4.770167	0.207965	4.784500	0.202854
82	presto/tpcds: q83	1.351500	0.011606	1.421000	0.121631
83	presto/tpcds: q84	1.183333	0.093528	1.289167	0.244065
84	presto/tpcds: q85	6.500667	0.139091	8.132167	0.111356
85	presto/tpcds: q86	2.298667	0.091332	2.141667	0.044930
86	presto/tpcds: q87	7.845000	0.426846	8.137667	0.188056
87	presto/tpcds: q88	12.158500	0.152288	11.792667	0.140060
88	presto/tpcds: q89	4.454667	0.083589	4.388667	0.084412
89	presto/tpcds: q90	1.286167	0.059580	1.289333	0.165973
90	presto/tpcds: q91	0.901167	0.097729	0.974500	0.232275
91	presto/tpcds: q92	2.496500	0.101335	2.255333	0.182334
92	presto/tpcds: q93	23.143000	0.617508	29.478167	0.775399
93	presto/tpcds: q94	3.136333	0.080530	3.216333	0.227040
94	presto/tpcds: q95	9.805000	0.169655	9.602500	0.194050
95	presto/tpcds: q96	1.966500	0.045518	2.112000	0.219216
96	presto/tpcds: q97	15.406000	0.222571	16.226667	0.320082
97	presto/tpcds: q98	4.590833	0.112839	4.662500	0.135562

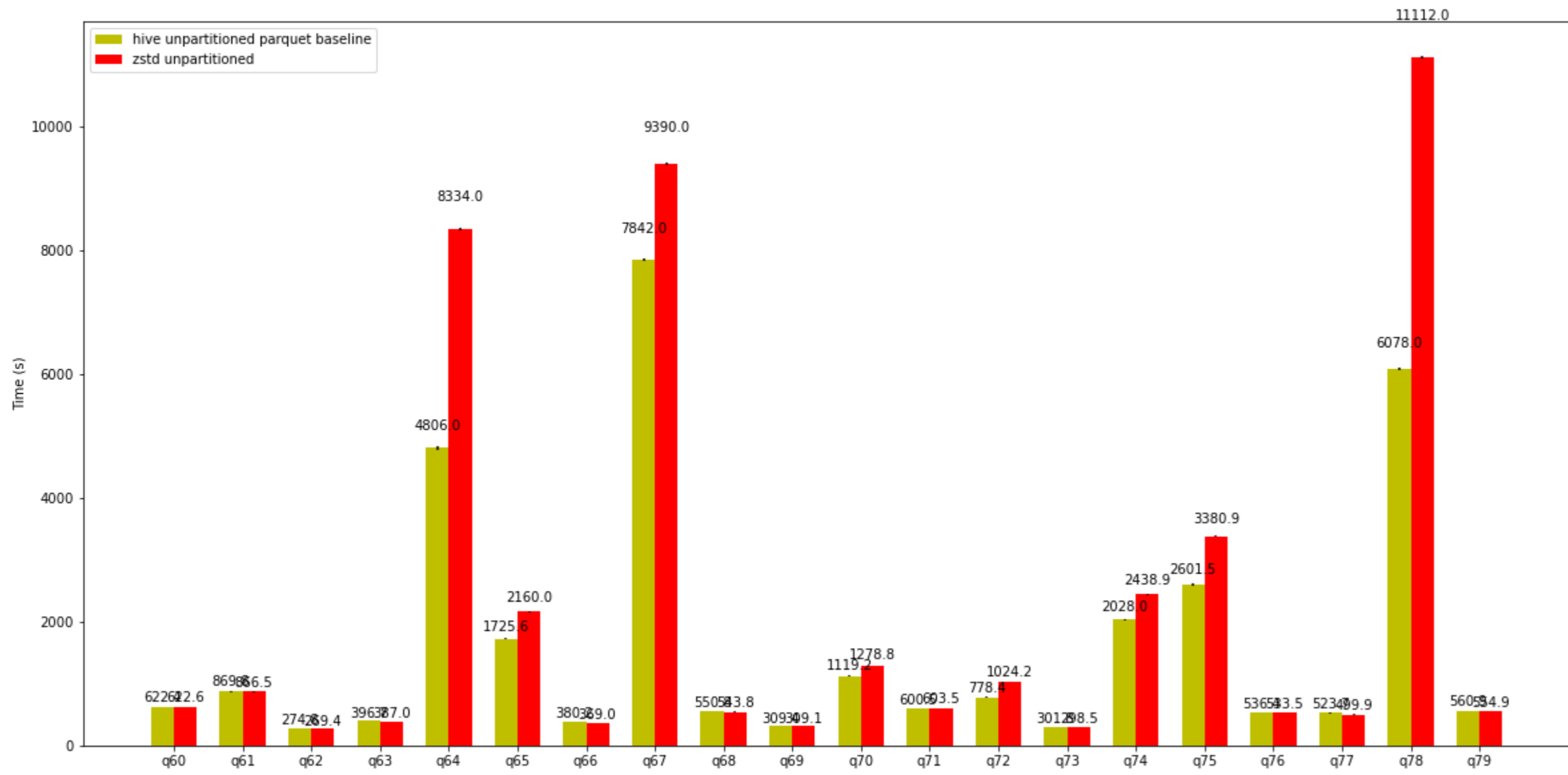
TPC-H Comparison (CPU)

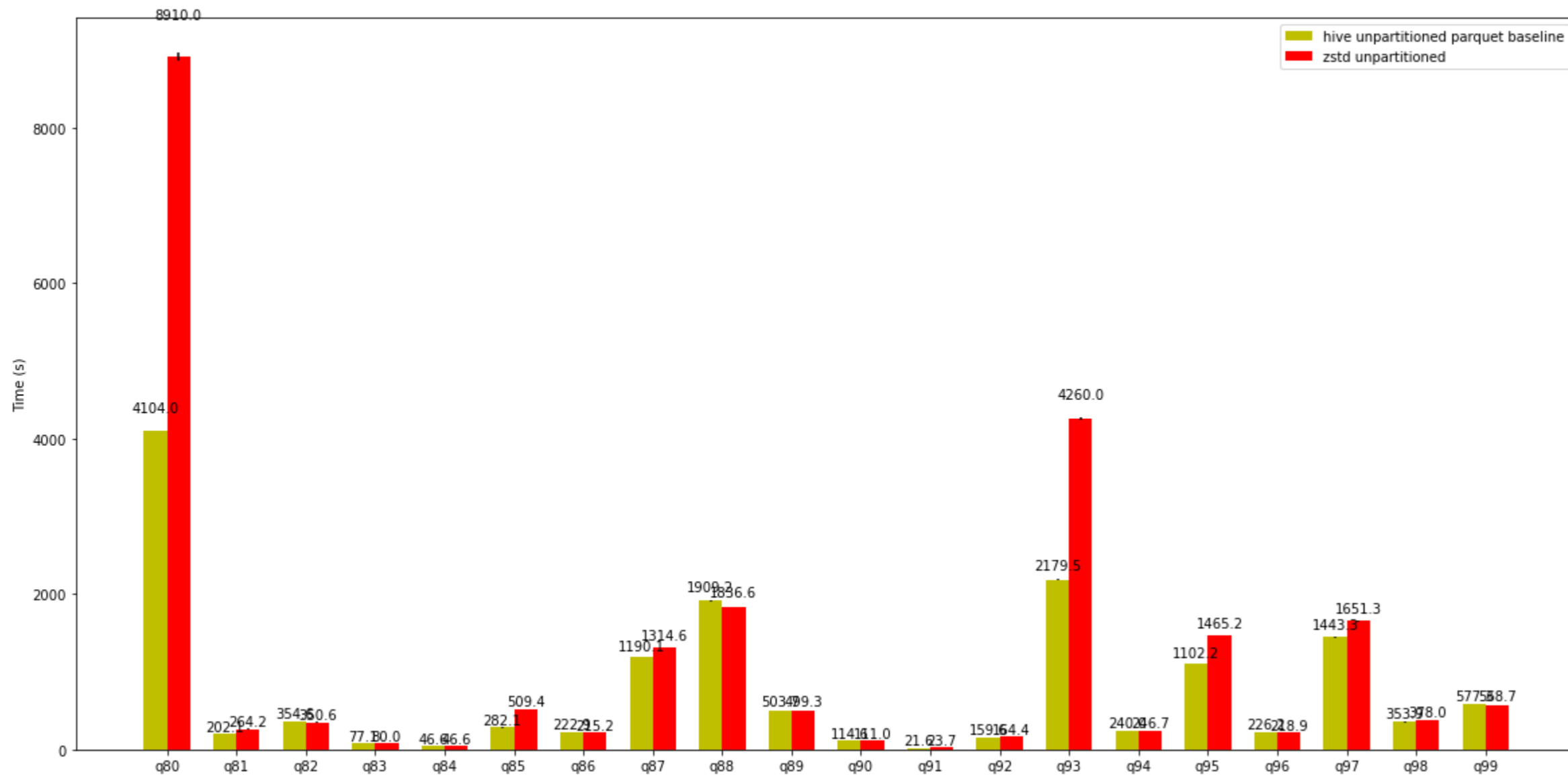
TPC-DS Comparison (CPU)











query	hive unpartitioned parquet baseline mean	hive unpartitioned parquet baseline std.dev	zstd unpartitioned mean	zstd unpartitioned std.dev
0 presto/tpcds: q01	214.700000	2.289978	277.200000	1.368211
1 presto/tpcds: q02	1074.800000	2.234278	1055.500000	1.282186
2 presto/tpcds: q03	299.900000	6.297619	281.200000	2.449490
3 presto/tpcds: q04	5262.000000	27.099815	7026.000000	14.696938
4 presto/tpcds: q05	954.900000	5.443161	1683.500000	8.983318
5 presto/tpcds: q06	444.300000	1.244186	455.700000	1.122497
6 presto/tpcds: q07	714.300000	1.598750	725.400000	2.146625
7 presto/tpcds: q08	298.700000	0.451664	317.600000	0.489898
8 presto/tpcds: q09	1392.900000	12.872762	1390.600000	14.318100
9 presto/tpcds: q10	329.100000	0.629285	323.800000	0.619677
10 presto/tpcds: q11	3120.900000	9.849873	3822.000000	14.696938
11 presto/tpcds: q12	88.600000	0.619677	95.500000	0.244949
12 presto/tpcds: q13	1455.300000	10.334989	1431.600000	2.429815
13 presto/tpcds: q14	9726.000000	14.696938	9570.000000	14.696938
14 presto/tpcds: q15	145.000000	0.819756	163.100000	1.337161
15 presto/tpcds: q16	496.800000	0.657267	507.200000	0.979796
16 presto/tpcds: q17	826.800000	2.429815	890.700000	2.236962
17 presto/tpcds: q18	450.900000	2.981946	450.500000	2.193627

	query	hive unpartitioned parquet baseline mean	hive unpartitioned parquet baseline std.dev	zstd unpartitioned mean	zstd unpartitioned std.dev
18	presto/tpcds: q19	398.000000	1.594992	409.800000	3.519091
19	presto/tpcds: q20	82.800000	0.657267	96.200000	0.309839
20	presto/tpcds: q21	66.000000	0.379473	66.400000	0.309839
21	presto/tpcds: q22	507.300000	1.999000	682.100000	1.337161
22	presto/tpcds: q23	10554.000000	27.099815	16146.000000	30.119761
23	presto/tpcds: q24	1875.700000	6.566277	2271.500000	12.926717
24	presto/tpcds: q25	797.700000	6.514906	823.100000	5.291125
25	presto/tpcds: q26	355.800000	5.459670	356.600000	0.903327
26	presto/tpcds: q27	677.400000	2.488373	665.000000	4.764871
27	presto/tpcds: q28	1687.700000	32.164515	1729.100000	30.003400
28	presto/tpcds: q29	779.400000	4.242641	816.000000	1.200000
29	presto/tpcds: q30	107.400000	0.657267	140.800000	0.309839
30	presto/tpcds: q31	1136.500000	3.295451	1200.600000	5.602856
31	presto/tpcds: q32	248.300000	1.100909	259.300000	0.797496
32	presto/tpcds: q33	538.200000	5.258137	547.600000	4.532549
33	presto/tpcds: q34	308.500000	2.258318	303.200000	0.309839
34	presto/tpcds: q35	409.600000	1.117139	442.800000	0.848528
35	presto/tpcds: q36	467.500000	2.925064	458.700000	1.809972
36	presto/tpcds: q37	195.700000	0.244949	195.900000	0.501996
37	presto/tpcds: q38	1191.600000	1.200000	1308.900000	1.244186
38	presto/tpcds: q39	156.700000	0.589915	169.100000	0.589915
39	presto/tpcds: q40	655.300000	2.973886	1370.300000	2.640455
40	presto/tpcds: q41	0.673833	0.007278	0.678000	0.004899
41	presto/tpcds: q42	303.500000	2.799286	305.800000	1.682855
42	presto/tpcds: q43	416.900000	0.883176	410.300000	1.756132
43	presto/tpcds: q44	806.600000	6.666933	776.200000	5.267257
44	presto/tpcds: q45	123.700000	0.451664	143.200000	0.619677
45	presto/tpcds: q46	477.100000	4.005496	493.300000	2.721029
46	presto/tpcds: q47	5328.000000	0.000000	5568.000000	18.590320
47	presto/tpcds: q48	1395.800000	4.063496	1391.900000	10.836051
48	presto/tpcds: q49	942.400000	14.151184	998.200000	8.405712
49	presto/tpcds: q50	1174.800000	2.939388	2922.400000	5.198461
50	presto/tpcds: q51	1197.000000	5.189220	1486.200000	4.754787
51	presto/tpcds: q52	306.500000	4.512649	309.500000	1.714643
52	presto/tpcds: q53	392.200000	1.766352	386.000000	4.611290
53	presto/tpcds: q54	725.700000	21.307182	729.400000	8.473960
54	presto/tpcds: q55	307.500000	1.244186	303.500000	0.797496
55	presto/tpcds: q56	538.400000	2.592296	532.400000	2.328948
56	presto/tpcds: q57	2487.700000	5.871627	2597.100000	4.255350
57	presto/tpcds: q58	645.300000	2.957702	645.700000	1.489966

	query	hive unpartitioned parquet baseline mean	hive unpartitioned parquet baseline std.dev	zstd unpartitioned mean	zstd unpartitioned std.dev
58	presto/tpcds: q59	2462.600000	2.979933	2680.500000	2.104281
59	presto/tpcds: q60	622.400000	4.657897	622.600000	4.354308
60	presto/tpcds: q61	869.800000	6.007995	866.500000	6.365846
61	presto/tpcds: q62	274.800000	0.379473	269.400000	0.379473
62	presto/tpcds: q63	396.700000	2.058155	387.000000	2.078461
63	presto/tpcds: q64	4806.000000	30.119761	8334.000000	19.718012
64	presto/tpcds: q65	1725.600000	4.829907	2160.000000	10.350652
65	presto/tpcds: q66	380.200000	1.639512	369.000000	1.003992
66	presto/tpcds: q67	7842.000000	27.099815	9390.000000	14.696938
67	presto/tpcds: q68	550.800000	6.439876	543.800000	5.142762
68	presto/tpcds: q69	309.400000	0.489898	309.100000	0.244949
69	presto/tpcds: q70	1119.200000	7.548245	1278.800000	2.727636
70	presto/tpcds: q71	600.500000	2.442130	603.500000	2.613044
71	presto/tpcds: q72	778.400000	3.408225	1024.200000	1.314534
72	presto/tpcds: q73	301.800000	1.738965	298.500000	0.501996
73	presto/tpcds: q74	2028.000000	1.819890	2438.900000	3.229241
74	presto/tpcds: q75	2601.500000	19.235280	3380.900000	13.229512
75	presto/tpcds: q76	536.400000	4.069398	533.500000	6.782035
76	presto/tpcds: q77	523.700000	4.560263	499.900000	8.813399
77	presto/tpcds: q78	6078.000000	14.696938	11112.000000	18.590320
78	presto/tpcds: q79	560.900000	3.206868	554.900000	1.389964
79	presto/tpcds: q80	4104.000000	0.000000	8910.000000	49.622576
80	presto/tpcds: q81	202.100000	1.100909	264.200000	0.619677
81	presto/tpcds: q82	354.600000	0.758947	350.600000	0.979796
82	presto/tpcds: q83	77.100000	0.328634	80.000000	0.309839
83	presto/tpcds: q84	46.590000	0.603059	46.641667	0.701353
84	presto/tpcds: q85	282.100000	1.164474	509.400000	1.697056
85	presto/tpcds: q86	222.900000	0.328634	215.200000	1.350555
86	presto/tpcds: q87	1190.100000	3.191865	1314.600000	1.609969
87	presto/tpcds: q88	1909.200000	1.897367	1836.600000	2.488373
88	presto/tpcds: q89	503.700000	2.204541	499.300000	1.672124
89	presto/tpcds: q90	114.600000	0.379473	111.000000	0.379473
90	presto/tpcds: q91	21.558333	0.210658	23.725000	0.234755
91	presto/tpcds: q92	159.600000	0.657267	164.400000	0.379473
92	presto/tpcds: q93	2179.500000	7.520372	4260.000000	18.590320
93	presto/tpcds: q94	240.000000	1.073313	246.700000	0.701427
94	presto/tpcds: q95	1102.200000	5.133420	1465.200000	3.174902
95	presto/tpcds: q96	226.200000	0.379473	218.900000	0.244949
96	presto/tpcds: q97	1443.300000	4.581266	1651.300000	5.478321
97	presto/tpcds: q98	353.900000	2.875413	378.000000	1.897367

TPC-H Comparison (Peak memory)

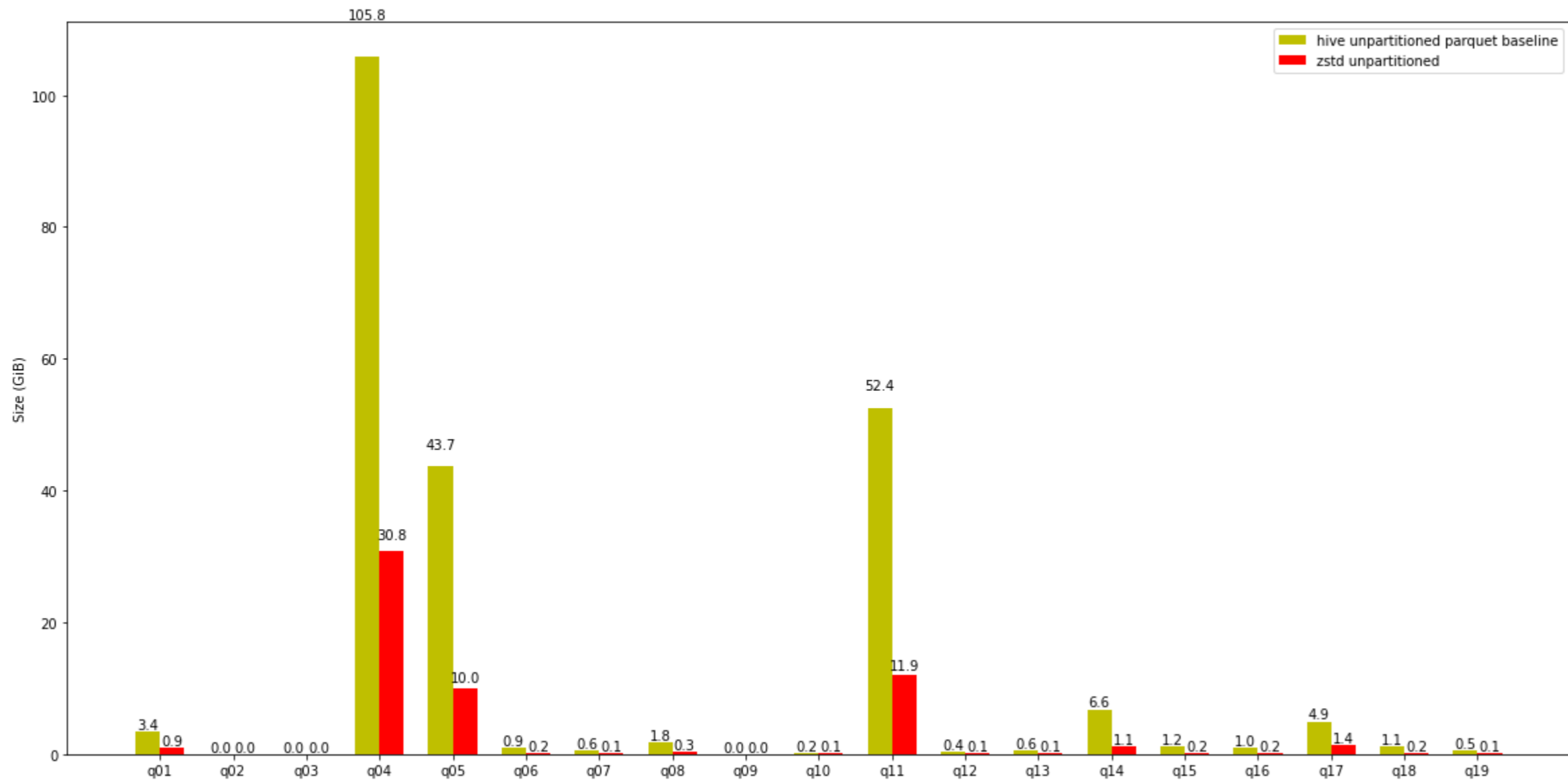
TPC-DS Comparison (Peak memory)

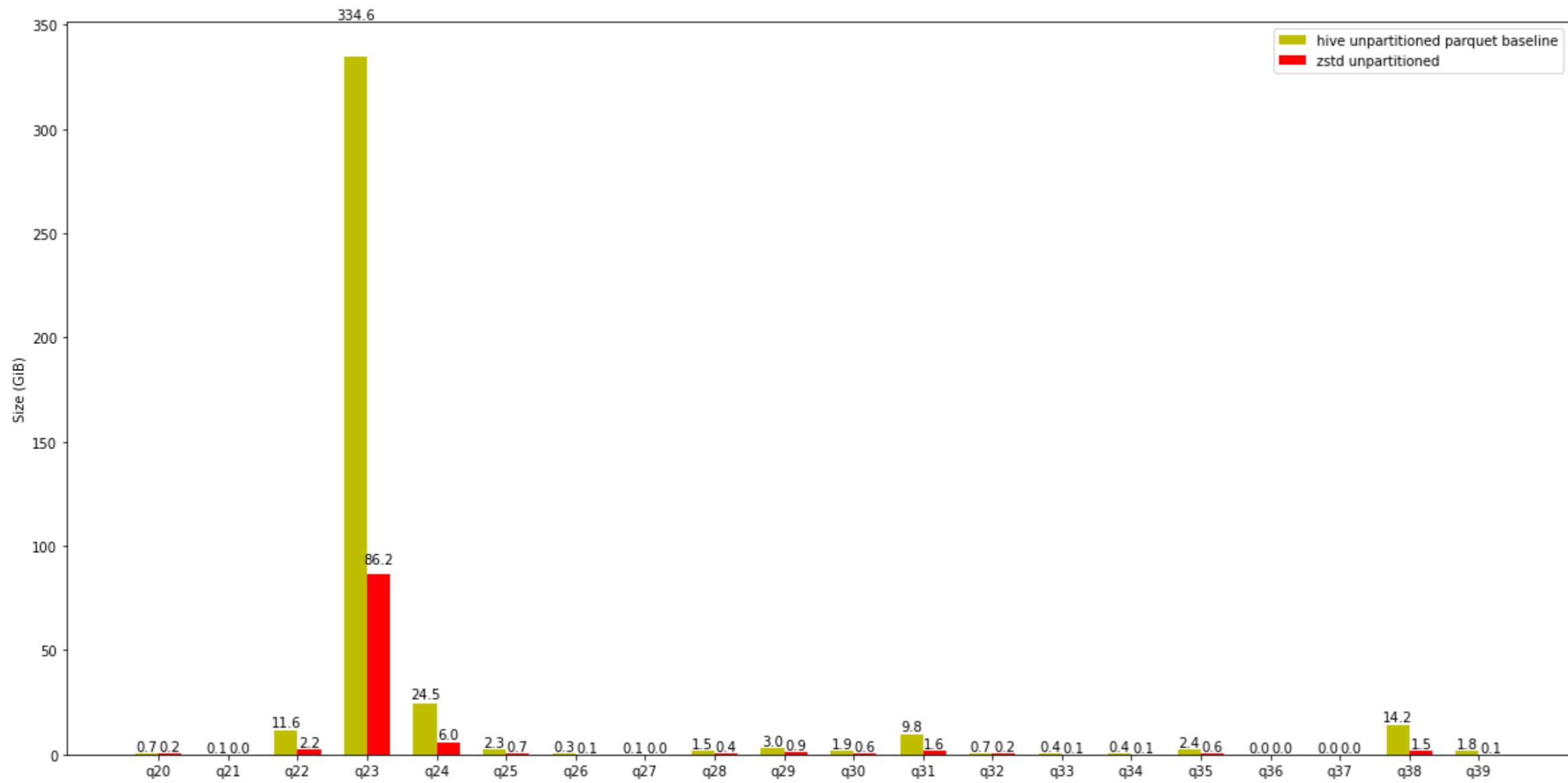
TPC-H Comparison (physicalInputDataSize)

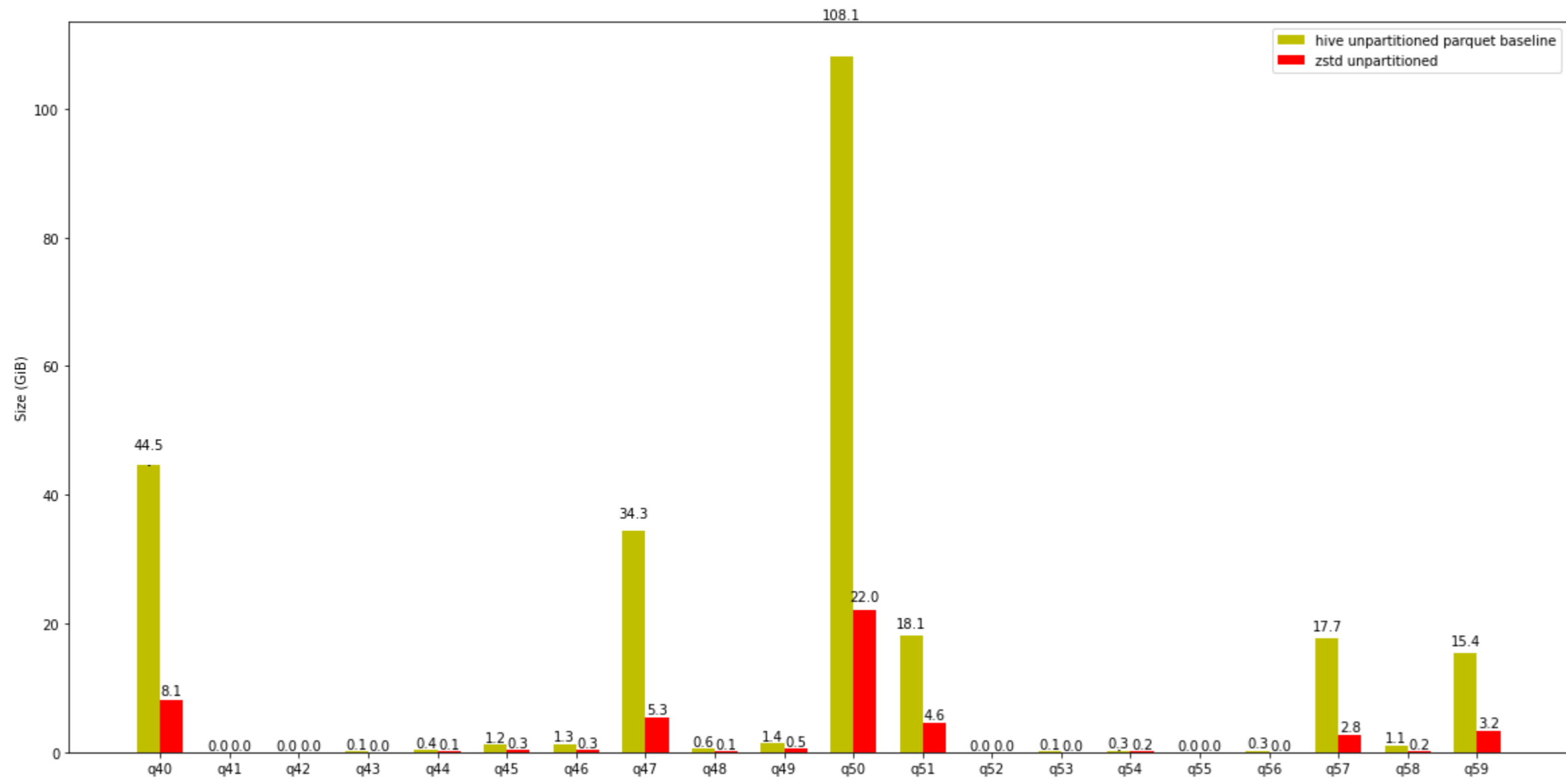
TPC-DS Comparison (physicalInputDataSize)

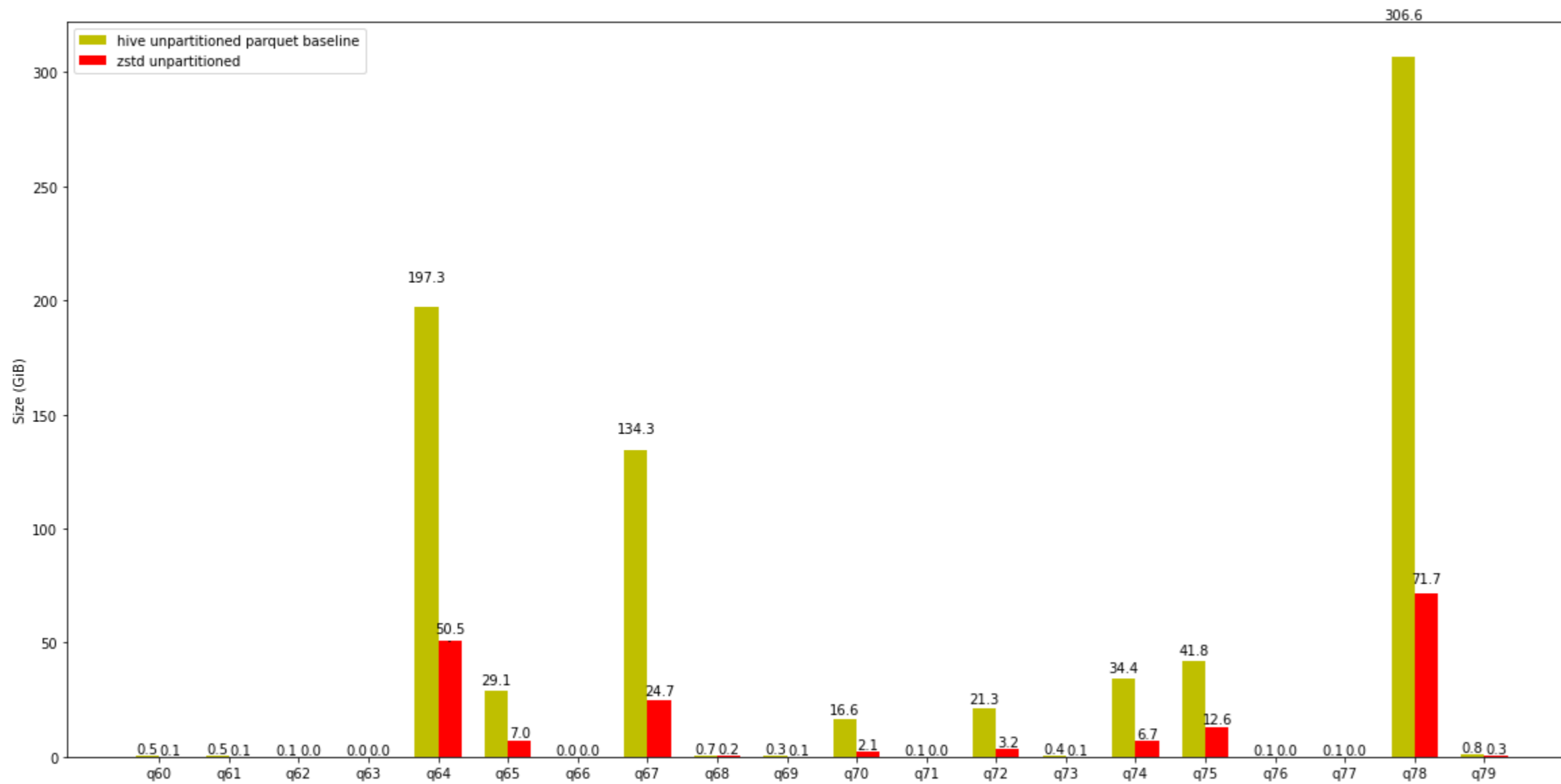
TPC-H Comparison (internalNetworkInputDataSize GB)

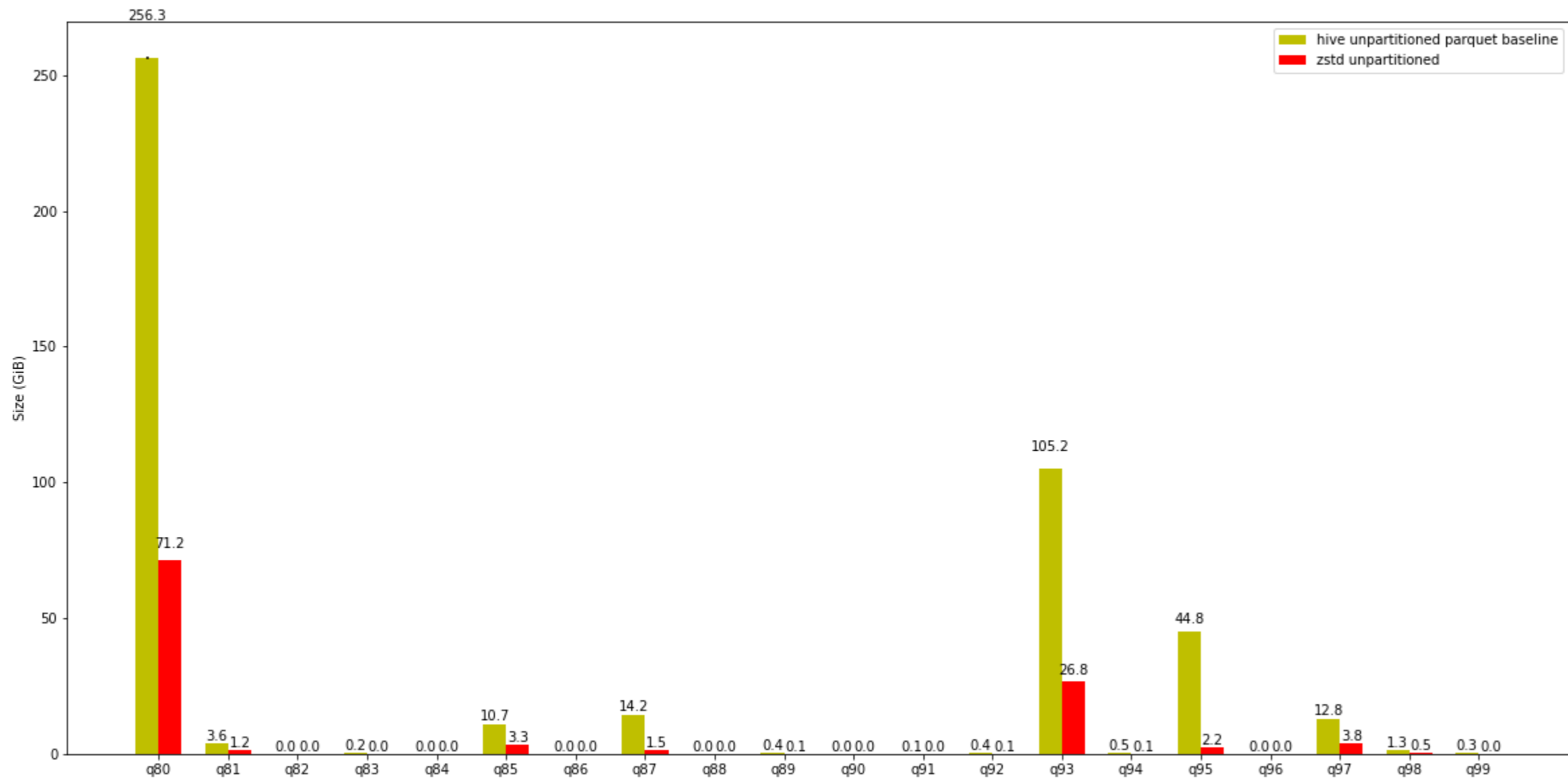
TPC-DS Comparison (internalNetworkInputDataSize GB)











query	hive unpartitioned parquet baseline mean	hive unpartitioned parquet baseline std.dev	zstd unpartitioned mean	zstd unpartitioned std.dev
0 presto/tpcds: q01	3.364 GiB	721.838 KiB	0.918 GiB	104.355 KiB
1 presto/tpcds: q02	34.243 MiB	2.241 KiB	8.369 MiB	5.411 KiB
2 presto/tpcds: q03	19.405 MiB	13.090 KiB	6.767 MiB	42.787 KiB
3 presto/tpcds: q04	105.812 GiB	289.702 KiB	30.785 GiB	934.609 KiB
4 presto/tpcds: q05	43.676 GiB	1.206 MiB	10.005 GiB	346.079 KiB
5 presto/tpcds: q06	918.481 MiB	13.609 KiB	200.247 MiB	129.172 KiB
6 presto/tpcds: q07	574.588 MiB	24.280 KiB	92.497 MiB	252.180 KiB
7 presto/tpcds: q08	1.767 GiB	119.431 KiB	341.408 MiB	214.057 KiB
8 presto/tpcds: q09	2.023 MiB	436.226 YiB	2.166 MiB	555.336 YiB
9 presto/tpcds: q10	157.982 MiB	722.783 KiB	65.644 MiB	203.294 KiB
10 presto/tpcds: q11	52.397 GiB	193.850 KiB	11.928 GiB	374.367 KiB
11 presto/tpcds: q12	402.700 MiB	0.971 MiB	147.757 MiB	84.388 KiB
12 presto/tpcds: q13	593.915 MiB	0	90.762 MiB	0
13 presto/tpcds: q14	6.617 GiB	37.157 KiB	1.092 GiB	1.516 MiB
14 presto/tpcds: q15	1.209 GiB	10.214 KiB	248.514 MiB	442.049 KiB
15 presto/tpcds: q16	0.958 GiB	29.927 KiB	188.880 MiB	64.123 KiB
16 presto/tpcds: q17	4.896 GiB	139.206 KiB	1.405 GiB	767.571 KiB
17 presto/tpcds: q18	1.136 GiB	33.617 KiB	236.968 MiB	1.364 MiB

	query	hive unpartitioned parquet baseline mean	hive unpartitioned parquet baseline std.dev	zstd unpartitioned mean	zstd unpartitioned std.dev
18	presto/tpcds: q19	525.551 MiB	641.025 KiB	151.648 MiB	140.730 KiB
19	presto/tpcds: q20	690.510 MiB	6.752 MiB	236.281 MiB	853.192 KiB
20	presto/tpcds: q21	112.492 MiB	0	9.018 MiB	0
21	presto/tpcds: q22	11.571 GiB	0	2.244 GiB	5.017 KiB
22	presto/tpcds: q23	334.621 GiB	244.893 KiB	86.178 GiB	1.500 MiB
23	presto/tpcds: q24	24.521 GiB	57.260 MiB	5.967 GiB	17.317 MiB
24	presto/tpcds: q25	2.262 GiB	185.559 KiB	764.476 MiB	1.245 MiB
25	presto/tpcds: q26	327.177 MiB	8.788 KiB	54.456 MiB	99.260 KiB
26	presto/tpcds: q27	87.055 MiB	136.962 KiB	15.689 MiB	42.196 KiB
27	presto/tpcds: q28	1.511 GiB	26.935 KiB	412.377 MiB	127.414 KiB
28	presto/tpcds: q29	3.039 GiB	88.252 KiB	895.572 MiB	854.058 KiB
29	presto/tpcds: q30	1.868 GiB	5.895 KiB	649.992 MiB	169.968 KiB
30	presto/tpcds: q31	9.828 GiB	277.321 KiB	1.560 GiB	122.442 KiB
31	presto/tpcds: q32	761.549 MiB	6.584 MiB	229.158 MiB	1.777 MiB
32	presto/tpcds: q33	401.382 MiB	3.818 KiB	68.944 MiB	32.213 KiB
33	presto/tpcds: q34	411.863 MiB	10.475 KiB	105.782 MiB	26.139 KiB
34	presto/tpcds: q35	2.400 GiB	1.711 MiB	568.469 MiB	175.525 KiB
35	presto/tpcds: q36	40.078 MiB	19.352 KiB	11.061 MiB	29.124 KiB
36	presto/tpcds: q37	1.128 MiB	4.084 KiB	721.625 KiB	19.521 KiB
37	presto/tpcds: q38	14.160 GiB	43.663 KiB	1.535 GiB	396.843 KiB
38	presto/tpcds: q39	1.836 GiB	262.206 KiB	143.795 MiB	27.280 KiB
39	presto/tpcds: q40	44.532 GiB	160.181 MiB	8.141 GiB	21.896 MiB
40	presto/tpcds: q41	45.864 KiB	0	45.274 KiB	0
41	presto/tpcds: q42	1.478 MiB	13.452 KiB	719.036 KiB	13.005 KiB
42	presto/tpcds: q43	100.666 MiB	31.363 KiB	20.339 MiB	124.801 KiB
43	presto/tpcds: q44	397.423 MiB	13.991 KiB	97.091 MiB	140.161 KiB
44	presto/tpcds: q45	1.203 GiB	7.148 KiB	291.041 MiB	76.114 KiB
45	presto/tpcds: q46	1.268 GiB	73.657 KiB	350.378 MiB	476.729 KiB
46	presto/tpcds: q47	34.338 GiB	39.879 KiB	5.288 GiB	236.414 KiB
47	presto/tpcds: q48	593.071 MiB	0	90.565 MiB	0
48	presto/tpcds: q49	1.442 GiB	21.437 KiB	531.838 MiB	186.777 KiB
49	presto/tpcds: q50	108.065 GiB	20.902 KiB	22.044 GiB	295.731 KiB
50	presto/tpcds: q51	18.097 GiB	409.208 KiB	4.597 GiB	236.974 KiB
51	presto/tpcds: q52	26.483 MiB	21.079 KiB	8.594 MiB	49.877 KiB
52	presto/tpcds: q53	74.769 MiB	8.591 KiB	21.505 MiB	105.567 KiB
53	presto/tpcds: q54	273.296 MiB	32.777 MiB	164.148 MiB	10.783 MiB
54	presto/tpcds: q55	18.740 MiB	10.369 KiB	6.963 MiB	41.719 KiB
55	presto/tpcds: q56	270.455 MiB	68.155 KiB	43.753 MiB	63.051 KiB
56	presto/tpcds: q57	17.651 GiB	20.564 KiB	2.771 GiB	327.823 KiB
57	presto/tpcds: q58	1.055 GiB	5.712 MiB	235.251 MiB	530.656 KiB

	query	hive unpartitioned parquet baseline mean	hive unpartitioned parquet baseline std.dev	zstd unpartitioned mean	zstd unpartitioned std.dev
58	presto/tpcds: q59	15.431 GiB	378.961 KiB	3.241 GiB	378.076 KiB
59	presto/tpcds: q60	554.210 MiB	19.510 KiB	98.024 MiB	43.291 KiB
60	presto/tpcds: q61	514.455 MiB	17.860 KiB	85.342 MiB	10.593 KiB
61	presto/tpcds: q62	62.395 MiB	25.517 KiB	7.749 MiB	36.536 KiB
62	presto/tpcds: q63	28.028 MiB	10.035 KiB	9.061 MiB	46.366 KiB
63	presto/tpcds: q64	197.293 GiB	12.887 MiB	50.519 GiB	5.514 MiB
64	presto/tpcds: q65	29.062 GiB	588.305 KiB	7.013 GiB	179.916 KiB
65	presto/tpcds: q66	28.350 MiB	39.088 KiB	8.081 MiB	45.895 KiB
66	presto/tpcds: q67	134.278 GiB	1.090 MiB	24.718 GiB	767.855 KiB
67	presto/tpcds: q68	687.468 MiB	1.864 MiB	196.296 MiB	252.936 KiB
68	presto/tpcds: q69	273.457 MiB	1.149 MiB	70.577 MiB	87.729 KiB
69	presto/tpcds: q70	16.604 GiB	7.647 KiB	2.069 GiB	123.580 KiB
70	presto/tpcds: q71	67.958 MiB	15.074 KiB	18.712 MiB	10.948 KiB
71	presto/tpcds: q72	21.322 GiB	27.719 KiB	3.164 GiB	151.376 KiB
72	presto/tpcds: q73	407.627 MiB	26.688 KiB	104.270 MiB	34.052 KiB
73	presto/tpcds: q74	34.436 GiB	390.859 KiB	6.748 GiB	559.945 KiB
74	presto/tpcds: q75	41.779 GiB	122.062 KiB	12.626 GiB	1.663 MiB
75	presto/tpcds: q76	97.810 MiB	78.134 KiB	19.620 MiB	174.961 KiB
76	presto/tpcds: q77	53.628 MiB	14.508 KiB	15.730 MiB	34.766 KiB
77	presto/tpcds: q78	306.617 GiB	92.770 KiB	71.724 GiB	450.386 KiB
78	presto/tpcds: q79	866.438 MiB	15.136 KiB	267.259 MiB	229.074 KiB
79	presto/tpcds: q80	256.327 GiB	444.164 MiB	71.153 GiB	59.356 MiB
80	presto/tpcds: q81	3.622 GiB	4.359 KiB	1.154 GiB	60.357 KiB
81	presto/tpcds: q82	5.916 MiB	8.245 KiB	2.973 MiB	22.916 KiB
82	presto/tpcds: q83	214.375 MiB	220.810 KiB	44.543 MiB	93.432 KiB
83	presto/tpcds: q84	16.412 MiB	0	7.472 MiB	109.661 YiB
84	presto/tpcds: q85	10.690 GiB	10.998 KiB	3.307 GiB	147.534 KiB
85	presto/tpcds: q86	33.315 MiB	5.648 KiB	8.863 MiB	6.934 KiB
86	presto/tpcds: q87	14.160 GiB	78.146 KiB	1.535 GiB	159.527 KiB
87	presto/tpcds: q88	2.331 MiB	0	1.219 MiB	0
88	presto/tpcds: q89	396.940 MiB	21.246 KiB	64.610 MiB	308.611 KiB
89	presto/tpcds: q90	865.128 KiB	0	224.790 KiB	0
90	presto/tpcds: q91	94.025 MiB	4.381 KiB	24.250 MiB	4.938 KiB
91	presto/tpcds: q92	397.100 MiB	1.610 MiB	122.836 MiB	149.565 KiB
92	presto/tpcds: q93	105.184 GiB	20.881 KiB	26.844 GiB	288.533 KiB
93	presto/tpcds: q94	489.419 MiB	1.891 KiB	116.376 MiB	3.946 KiB
94	presto/tpcds: q95	44.848 GiB	35.651 KiB	2.232 GiB	123.449 KiB
95	presto/tpcds: q96	238.860 KiB	0	143.646 KiB	0
96	presto/tpcds: q97	12.807 GiB	157.980 KiB	3.841 GiB	518.666 KiB
97	presto/tpcds: q98	1.309 GiB	1.072 MiB	461.552 MiB	915.002 KiB

	query	hive unpartitioned parquet baseline mean	hive unpartitioned parquet baseline std.dev	zstd unpartitioned mean	zstd unpartitioned std.dev
98	presto/tpcds: q99	277.583 MiB	26.497 KiB	29.746 MiB	14.999 KiB