caching	dataset	workers	readahead	wm	eic	master 2	4	8	16	32	52	72	92	112
uncached	cyclic	0	0	128	0	221.4	331.0	536.0	931.1	1738.0	2756.7	3657.9	4797.4	4997.7
					1	171.4	250.6	406.6	689.1	1255.8	1949.9	2598.7	3226.1	3461.1
					8	56.2	90.2	161.0	295.6	585.8	915.6	1252.5	1565.1	1691.1
					16	40.9	70.1	130.6	250.1	452.2	719.6	990.5	1276.7	1363.9
					32	32.9	56.2	115.1	212.1	373.1	616.1	852.2	1105.2	1216.4
				4096	0	218.8	317.8	523.9	948.4	1704.6	2745.5	3695.5	4507.5	5034.7
					1	176.4	253.4	399.7	705.0	1262.8	1908.9	2605.4	3230.9	3353.7
					8	56.2	83.9	158.9	303.4	557.7	894.9	1236.2	1572.9	1697.5
					16	43.9	71.9	130.3	235.2	455.4	721.8	1016.8	1266.6	1373.2
					32	34.2	57.8	114.1	213.1	375.3	616.1	858.6	1096.0	1186.8
				65536	0	226.9	320.4	514.9	923.6	1751.7	2680.2	3693.1	4477.6	4734.9
					1	174.3	250.9	403.1	696.4	1275.3	1910.3	2706.6	3231.9	3467.1
					8	56.2	90.2	161.0	291.5	565.3	902.1	1233.4	1624.0	1718.6
					16	40.8	69.9	133.7	243.2	449.7	738.1	992.3	1275.3	1370.8
					32	30.6	56.6	117.3	219.7	375.7	617.9	870.7	1094.4	1180.4
			1536	128	0	178.4	258.2	268.3	341.6	436.7	604.8	654.4	675.9	614.9
					1	167.6	247.3	391.0	679.6	1204.2	1867.8	2528.1	3167.7	626.9
					8	49.6	82.0	147.2	272.2	521.5	830.9	1173.7	1485.3	1608.2
					16	38.6	65.6	122.6	217.1	405.9	660.9	914.4	1174.7	1267.8
					32	28.9	49.2	108.7	193.3	341.0	557.0	779.2	982.7	1079.4
				4096	0	180.9	244.0	261.2	320.2	437.7	612.4	639.9	667.9	593.3
					1	170.7	245.9	385.2	672.5	1223.4	1873.0	2519.6	3153.9	618.6
					8	53.4	85.9	147.5	270.2	542.8	869.9	1163.3	1461.4	1623.1
					16	39.3	66.6	125.1	216.1	406.7	659.8	922.3	1176.9	1274.8
					32	28.9	51.1	105.6	197.0	338.7	559.4	789.3	992.7	1087.4
				65536	0	186.0	247.9	262.0	318.0	441.8	603.4	658.5	681.1	600.2
					1	166.9	240.9	392.3	670.5	1221.8	1893.3	2533.3	3171.2	610.6
					8	51.8	81.3	148.2	270.7	534.6	839.1	1159.5	1474.6	1602.3
					16	38.4	64.1	120.0	218.4	411.9	669.5	918.4	1218.5	1277.0
					32	29.3	51.1	105.7	195.7	345.5	558.4	777.8	981.4	1081.2
			12288	128	0	223.2	247.9	264.8	284.9	415.8	332.4	366.4	379.3	383.4
					1	174.0	251.7	393.4	693.2	1234.3	1861.0	2577.5	3084.5	410.3
					8	52.4	84.5	148.0	270.2	533.7	842.0	1140.6	1460.5	1567.5
					16	39.1	66.2	119.5	216.4	409.8	661.9	922.3	1186.0	1261.6
					32	29.3	51.6	104.3	194.5	336.1	560.4	774.5	980.6	1082.5
				4096	0	226.5	249.9	263.6	281.7	418.4	335.5	361.8	359.4	350.9
					1	167.7	249.2	397.0	671.3	1231.7	1863.7	2585.1	3161.4	380.5
					8	54.7	83.5	157.5	273.6	518.1	862.4	1155.4	1499.9	1587.9
					16	40.6	65.7	121.9	218.9	413.2	664.2	927.6	1170.9	1290.3
					32	29.1	49.9	103.2	192.0	341.2	563.6	775.8	990.5	1086.4
				65536	0	228.7	251.7	266.3	282.8	412.6	336.4	364.1	357.8	353.7
					1	170.0	237.3	386.1	696.8	1220.4	1900.5	2591.7	3137.3	380.9
					8	50.3	84.2	149.2	273.5	512.7	837.4	1154.6	1503.5	1616.1
					16	36.9	68.7	118.0	216.4	412.6	670.9	942.9	1178.1	1270.3
					32	28.4	50.5	100.0	193.9	341.1	564.2	781.7	993.3	1083.9
		4	0	128	0	119.1	149.9	271.0	487.3	920.0	1462.0	2011.2	2540.9	2773.8
					1	82.2	116.1	192.5	348.5	661.6	1056.6	1457.1	1868.6	1971.0
					8	47.0	74.8	137.1	247.0	447.8	725.3	994.4	1276.6	1361.8
					16	41.4	66.5	124.9	221.0	399.4	648.6	893.8	1132.6	1227.7
					32	33.8	53.5	115.5	204.4	338.0	551.9	755.3	960.5	1052.9
				4096	0	118.6	154.8	276.9	489.5	932.8	1473.6	2010.6	2553.7	2748.7
					1	85.1	111.1	197.8	355.2	676.4	1078.3	1475.3	1842.7	1993.7
					8	50.4	78.4	137.3	239.2	456.7	730.0	1020.8	1285.4	1384.9
					16	36.9	67.3	125.5	224.2	401.2	645.8	893.3	1143.1	1241.8
					32	35.7	53.5	107.9	206.2	339.8	555.4	763.2	975.4	1060.4
				65536	0	122.3	153.8	268.3	492.2	926.6	1482.3	2040.7	2587.9	2844.1
					1	80.5	112.9	198.0	353.7	669.4	1087.8	1449.7	1865.8	1990.5
					8	50.4	77.9	138.0	240.1	456.5	728.2	1011.6	1283.8	1386.1
					16	38.1	69.6	125.5	229.7	397.7	647.4	894.8	1154.0	1241.0
					32	31.2	53.5	112.1	205.5	337.2	552.2	764.6	978.9	1063.8
			1536	128	0	162.3	185.0	240.0	285.9	377.0	513.5	678.6	736.8	705.2
					1	77.8	114.9	189.8	339.1	603.8	870.3	1110.3	1262.4	1165.6
					8	45.3	67.9	123.5	225.5	408.2	659.4	926.2	1169.3	1263.5
					16	33.8	60.5	113.0	198.6	359.6	588.9	803.7	1035.1	1111.0
					32	24.4	43.9	95.0	178.9	295.5	487.6	677.3	859.3	939.2
				4096	0	159.4	184.7	240.2	289.0	385.6	511.9	678.8	749.9	682.9
					1	77.8	115.8	188.2	337.5	602.4	849.8	1074.2	1127.9	1090.4
					8	41.8	64.7	123.1	225.5	419.6	666.5	915.0	1168.1	1263.1
					16	33.4	63.5	111.5	201.5	367.5	590.8	811.1	1045.7	1128.9
					32	29.4	43.4	96.7	178.8	314.9	491.1	686.6	871.5	968.3
				65536	0	163.4	187.6	246.1	291.2	393.6	527.1	704.3	745.7	681.9
					1	77.9	116.7	195.1	344.7	620.5	815.1	1070.8	1070.5	1029.4
					8	42.0	71.4	125.2	219.1	413.3	665.8	919.7	1172.1	1285.3
					16	34.0	58.3	110.9	199.3	363.2	590.1	809.6	1037.4	1142.2
					32	30.3	45.0	105.0	179.3	300.8	490.9	682.2	865.6	950.4
			12288	128	0	201.8	233.3	257.8	295.5	356.3	355.1	367.8	369.6	358.6
					1	81.3	116.6	192.8	344.8	569.7	692.4	609.0	572.5	584.3
					8	43.1	68.7	123.9	223.8	412.5	648.7	906.3	1148.0	1079.6
					16	34.4	59.9	111.4	202.9	357.4	588.8	748.8	1034.4	964.6
					32	26.1	47.7	97.2	180.8	297.6	477.9	650.0	814.1	905.6
				4096	0	212.6	236.8	253.8	303.2	341.9	373.8	376.1	374.6	347.7
					1	84.7	115.2	193.0	354.2	544.7	645.2	588.3	541.1	430.1
					8	43.0	73.2	123.9	225.4	421.3	650.3	917.1	1159.3	1196.7
					16	33.0	60.4	115.0	204.4	366.1	594.2	786.3	1022.3	979.0
					32	32.9	45.2	97.6	180.2	299.5	491.0	660.8	782.7	913.0
				65536	0	207.3	239.2	251.2	301.2	356.8	361.6	373.5	369.3	359.1
					1	82.5	120.3	192.1	345.6	543.4	651.6	572.5	471.1	484.6
					8	42.6	70.3	126.4	225.3	424.0	654.7	916.6	1066.5	1138.3
					16	32.1	60.8	114.5	207.1	364.2	586.5	782.6	959.9	1045.8
					32	25.8	45.9	95.5	182.1	300.3	481.8	677.4	858.9	900.9

caching	dataset	workers	readahead	wm	eic	patched-0012 2	4	8	16	32	52	72	92	112
uncached	cyclic	0	0	128	0	216.9	322.2	530.8	932.8	1757.3	2745.8	3730.2	4665.3	4735.0
					1	171.5	247.9	401.6	689.7	1248.2	1971.5	2715.8	3191.9	3326.9
					8	55.7	89.1	158.7	293.9	584.1	901.6	1256.9	1575.1	1698.4
					16	41.8	73.9	133.5	241.0	444.3	712.7	993.4	1280.8	1359.7
					32	33.0	56.3	115.7	215.6	376.8	617.6	853.1	1119.0	1215.4
				4096	0	222.3	325.1	532.4	956.6	1754.3	2762.6	3601.3	4645.6	4682.8
					1	178.8	250.8	401.3	695.2	1277.6	1929.9	2669.6	3201.6	3438.4
					8	53.9	90.8	158.6	300.2	583.1	906.5	1224.4	1574.3	1727.5
					16	43.1	71.6	130.5	236.7	451.2	719.3	1035.2	1283.6	1381.2
					32	32.5	56.4	118.9	215.1	378.6	620.9	863.0	1089.3	1186.6
				65536	0	220.0	331.4	526.5	947.5	1707.1	2659.8	3685.8	4666.9	4824.4
					1	174.5	251.9	406.9	696.3	1278.5	1936.3	2659.2	3338.4	3390.2
					8	52.4	88.3	161.6	286.2	567.1	905.1	1233.7	1604.0	1709.4
					16	44.0	70.3	131.4	253.9	449.2	723.3	999.4	1275.9	1378.2
					32	33.4	59.1	113.2	210.8	379.7	618.6	861.9	1094.1	1196.0
			1536	128	0	178.5	260.6	262.1	316.9	440.6	602.7	655.8	677.8	621.6
					1	168.7	246.4	390.0	685.3	1226.3	1883.6	2524.5	3096.8	627.7
					8	50.2	85.7	148.9	268.9	526.2	837.6	1196.9	1499.5	1632.1
					16	41.6	65.9	123.1	217.9	407.5	667.8	909.9	1169.5	1273.0
					32	29.6	49.3	105.0	195.3	338.4	559.5	774.9	985.3	1077.9
				4096	0	182.1	255.6	263.8	324.2	441.3	604.9	645.3	663.2	595.0
					1	177.3	241.9	396.2	693.7	1237.8	1906.2	2541.2	3115.3	613.9
					8	51.1	83.6	144.3	268.6	549.9	842.3	1155.4	1454.3	1581.2
					16	38.7	65.9	129.7	219.2	406.7	667.9	920.5	1181.7	1277.2
					32	27.8	49.6	105.3	193.9	336.9	563.5	791.1	985.7	1100.4
				65536	0	184.9	259.1	263.9	317.3	442.3	600.3	659.5	691.0	599.9
					1	172.2	241.6	389.1	673.4	1242.7	1931.5	2573.8	3128.4	612.1
					8	46.9	83.2	150.7	273.2	544.8	858.6	1150.5	1468.3	1644.6
					16	37.5	64.5	119.5	222.6	414.8	673.9	915.4	1199.5	1264.3
					32	29.0	49.2	104.9	195.7	348.0	558.8	771.1	984.0	1083.5
			12288	128	0	226.7	248.6	265.9	284.4	420.7	338.2	367.4	383.7	382.3
					1	177.7	246.4	388.0	683.5	1211.5	1871.0	2619.7	3227.8	408.4
					8	51.3	83.3	147.9	273.9	529.3	846.8	1154.9	1469.3	1565.5
					16	38.3	66.6	122.9	220.8	410.8	664.4	918.3	1205.9	1265.5
					32	29.5	49.8	103.6	192.5	337.8	566.4	768.2	982.8	1069.2
				4096	0	220.7	252.3	266.0	282.6	413.5	331.9	362.9	363.8	354.3
					1	175.0	254.4	390.0	674.0	1228.8	1885.3	2594.1	3106.5	380.0
					8	54.7	83.6	156.1	277.6	527.1	833.1	1162.0	1500.7	1608.7
					16	39.3	66.1	124.0	216.6	412.1	671.9	922.2	1172.5	1272.0
					32	27.1	51.0	105.3	197.8	342.1	564.1	778.1	996.2	1087.6
				65536	0	218.7	251.1	264.0	280.9	413.4	335.1	362.7	361.5	359.2
					1	168.5	246.7	389.4	685.1	1213.9	1867.2	2529.1	3121.1	379.0
					8	52.0	84.3	149.4	273.3	521.2	858.6	1148.0	1447.8	1627.9
					16	40.2	64.7	122.9	215.8	410.2	674.9	936.8	1159.7	1275.7
					32	28.3	53.2	104.5	195.0	338.6	560.0	783.4	995.0	1085.5
		4	0	128	0	120.8	160.5	266.6	489.5	929.7	1466.7	2003.0	2599.6	2768.9
					1	86.5	110.6	197.5	352.6	672.0	1057.5	1463.4	1852.6	1980.4
					8	46.7	77.4	141.0	242.0	449.8	724.8	997.0	1267.4	1365.4
					16	42.5	69.0	128.5	221.9	399.9	648.8	896.2	1143.0	1232.4
					32	31.2	51.8	111.0	200.2	341.2	550.2	757.3	955.2	1047.7
				4096	0	119.1	158.4	269.1	486.8	929.7	1478.5	2007.9	2556.1	2741.2
					1	80.7	112.8	197.3	353.6	674.7	1074.2	1467.1	1857.7	1992.9
					8	51.0	83.7	137.0	250.0	461.0	724.6	1013.5	1274.3	1379.2
					16	41.9	67.1	125.0	227.0	407.0	652.6	891.0	1142.6	1249.2
					32	32.6	52.7	111.9	207.8	337.6	554.2	761.2	968.9	1059.9
				65536	0	119.3	159.9	266.7	488.0	953.6	1479.0	2028.5	2569.0	2771.5
					1	81.6	115.0	200.7	351.5	666.6	1076.3	1461.5	1862.0	1988.0
					8	50.4	80.4	140.5	241.2	459.3	725.1	1005.5	1278.3	1376.2
					16	42.6	69.9	127.2	227.3	404.4	648.5	899.8	1151.5	1240.4
					32	32.9	54.6	113.2	205.6	335.9	553.0	768.0	970.5	1065.3
			1536	128	0	163.3	186.1	240.3	284.5	378.8	524.9	680.5	730.4	689.1
					1	80.3	112.6	191.7	343.8	602.5	829.9	1063.7	1196.1	1097.3
					8	43.9	71.1	125.2	221.9	409.3	658.0	924.9	1167.7	1263.4
					16	33.3	59.5	113.2	198.6	360.1	584.6	805.5	1033.1	1133.5
					32	25.9	44.4	97.8	180.0	294.9	488.0	678.5	856.3	941.9
				4096	0	157.8	187.3	237.7	290.9	385.4	519.7	690.0	735.4	711.5
					1	79.5	117.1	198.9	338.6	593.5	864.0	1113.1	1199.4	1160.4
					8	42.5	76.5	123.9	221.9	420.8	662.6	918.9	1179.6	1265.2
					16	36.8	59.1	112.6	201.2	366.6	587.0	815.4	1041.9	1128.6
					32	26.9	44.6	97.3	179.5	300.1	492.9	681.7	875.1	966.6
				65536	0	159.6	186.3	244.4	287.2	408.5	533.5	703.3	731.7	694.6
					1	84.4	119.5	184.6	336.4	605.1	857.1	1145.7	1152.9	1128.2
					8	43.1	70.3	120.7	221.4	417.1	666.6	923.1	1166.9	1246.0
					16	33.3	58.3	111.6	201.3	364.1	589.7	814.0	1047.0	1141.5
					32	25.8	45.6	99.3	181.5	298.3	491.0	683.8	873.0	948.5
			12288	128	0	209.7	238.9	259.3	301.6	351.5	355.3	375.0	380.1	363.9
					1	81.1	119.4	195.3	334.9	557.8	711.1	598.0	511.4	484.7
					8	42.3	70.2	124.3	221.3	412.6	660.8	894.1	1116.2	1117.8
					16	34.4	58.8	110.8	198.2	360.0	597.4	801.8	962.0	1028.0
					32	26.3	45.1	96.1	180.0	298.3	489.4	668.1	829.2	934.6
				4096	0	210.8	234.2	250.9	299.0	349.1	378.5	374.1	369.1	348.5
					1	85.1	116.5	198.7	333.4	573.8	714.5	583.1	558.9	481.6
					8	46.7	70.7	124.2	219.8	417.5	649.7	903.1	1113.3	1203.2
					16	37.0	58.1	112.4	202.6	363.0	585.2	754.4	1022.8	955.2
					32	27.6	46.3	97.7	182.1	300.1	477.5	669.7	769.1	849.7
				65536	0	209.7	231.9	257.6	298.3	350.7	369.5	376.4	372.8	356.9
					1	80.0	127.6	196.0	333.6	571.0	667.6	554.8	560.4	523.6
					8	43.2	70.9	124.2	221.4	425.7	660.4	881.2	1140.6	1194.4
					16	34.7	62.9	113.5	198.7	362.1	583.3	784.5	961.7	1114.9
					32	30.8	44.4	98.7	182.7	298.5	475.1	676.3	855.6	966.8

caching	dataset	workers	readahead	wm	eic	patched-0014 2	4	8	16	32	52	72	92	112
uncached	cyclic	0	0	128	0	204.6	303.2	490.1	863.3	1582.2	2552.8	3393.0	4183.8	4478.0
					1	75.7	190.4	385.6	762.4	1483.1	2393.3	3290.1	4184.5	4335.7
					8	43.7	168.9	419.3	771.5	1525.1	2401.3	3305.9	4057.8	4395.9
					16	33.0	143.5	364.4	812.9	1434.6	2332.2	3290.7	4211.7	4547.7
					32	21.4	138.4	331.9	770.4	1548.8	2313.4	3253.0	4105.4	4375.6
				4096	0	208.2	299.2	486.2	848.2	1573.4	2498.9	3301.9	4072.5	4407.3
					1	77.1	196.5	379.8	749.7	1533.3	2334.2	3254.4	4215.6	4598.8
					8	44.1	154.5	410.8	768.8	1494.8	2415.5	3207.2	4049.1	4506.4
					16	29.1	145.9	370.7	802.5	1420.3	2286.0	3264.5	4254.8	4375.6
					32	21.9	138.5	324.8	763.4	1524.7	2366.9	3246.8	4194.4	4379.1
				65536	0	207.1	305.3	483.4	859.1	1561.3	2454.7	3376.2	4249.8	4513.6
					1	74.8	199.8	376.8	766.1	1516.7	2372.7	3248.4	4161.0	4357.8
					8	43.6	163.4	413.9	759.4	1510.1	2421.5	3260.9	4075.0	4398.0
					16	30.2	149.8	364.2	790.2	1416.8	2324.5	3354.7	4073.6	4312.7
					32	21.7	144.7	329.8	757.3	1513.6	2328.8	3267.7	4013.2	4279.3
			1536	128	0	75.1	157.1	305.0	376.9	456.1	615.6	740.9	655.9	588.4
					1	72.5	153.8	302.6	370.9	461.5	613.4	759.0	685.5	589.4
					8	39.4	117.9	280.2	366.9	454.4	620.6	745.1	667.9	594.0
					16	27.1	97.9	280.9	327.8	408.2	554.7	740.9	669.8	586.4
					32	19.6	91.0	245.4	333.7	410.2	548.3	756.3	669.2	585.5
				4096	0	74.3	154.5	299.0	368.2	450.3	633.7	736.6	646.3	581.8
					1	72.5	154.0	297.1	374.0	450.2	615.5	728.0	637.3	581.0
					8	39.5	114.5	275.5	365.5	468.0	617.5	732.6	655.4	584.6
					16	26.2	93.6	281.7	322.5	410.1	552.0	739.3	649.8	581.8
					32	18.3	93.5	245.5	325.8	399.4	549.6	740.5	657.9	583.1
				65536	0	75.7	162.2	294.6	368.8	461.3	614.4	738.3	661.0	582.2
					1	72.5	148.8	291.0	367.8	462.6	613.6	742.7	655.6	575.4
					8	40.2	116.9	283.9	360.0	466.5	625.7	736.4	660.4	593.4
					16	27.3	93.6	277.0	323.8	411.2	554.0	739.4	665.1	581.8
					32	18.2	91.5	248.1	329.1	400.8	551.8	734.3	650.9	576.1
			12288	128	0	73.3	189.7	323.8	330.8	411.8	346.8	359.9	352.9	336.5
					1	77.5	195.7	324.8	342.7	411.1	349.4	361.2	352.4	337.4
					8	41.0	157.0	316.2	335.8	414.4	347.3	361.9	354.1	337.9
					16	28.8	139.2	324.9	326.2	406.8	348.2	359.5	357.1	338.6
					32	20.0	128.7	318.2	336.7	392.7	344.1	360.8	354.8	336.8
				4096	0	76.6	198.6	320.8	328.6	415.7	342.8	359.0	348.2	317.4
					1	76.4	206.8	320.1	328.2	401.3	346.4	360.9	345.1	317.9
					8	49.3	155.6	325.6	333.4	401.1	354.8	358.7	344.8	317.8
					16	28.3	135.7	323.8	319.9	402.7	341.7	357.1	343.7	317.3
					32	20.3	127.1	313.1	336.6	394.4	343.4	358.5	344.4	317.3
				65536	0	73.1	197.7	321.3	330.2	406.1	345.0	359.3	344.2	317.9
					1	73.6	196.2	322.8	336.3	406.9	346.4	359.7	343.5	317.6
					8	40.7	155.9	315.9	330.6	401.1	347.9	358.0	345.7	317.8
					16	27.9	136.0	318.2	322.3	398.3	351.4	359.6	351.6	317.8
					32	19.6	129.8	315.5	336.8	396.1	343.3	360.8	344.9	318.9
		4	0	128	0	112.9	151.2	267.6	478.3	924.4	1450.5	1980.5	2544.2	2737.0
					1	77.6	108.8	187.7	344.8	650.3	1040.9	1435.8	1831.6	1932.9
					8	27.3	38.7	75.7	160.0	358.3	456.6	528.7	629.6	688.4
					16	24.1	36.9	73.0	157.1	392.7	587.2	663.4	706.9	761.9
					32	23.8	35.3	75.8	136.4	345.0	601.9	768.7	868.9	921.8
				4096	0	117.2	155.5	264.1	473.6	917.7	1469.1	2003.5	2547.1	2723.6
					1	78.7	110.2	193.9	340.7	660.2	1051.0	1441.0	1817.1	1955.9
					8	27.3	41.6	71.7	175.9	336.2	476.1	551.8	637.7	728.6
					16	21.6	36.6	66.8	168.0	388.1	586.4	666.5	753.2	777.0
					32	16.6	39.7	67.5	159.6	328.9	617.8	748.3	874.3	949.2
				65536	0	108.2	149.4	260.1	474.3	932.0	1463.3	2023.4	2576.4	2786.0
					1	81.8	109.8	188.7	344.1	651.9	1054.2	1429.7	1826.0	1957.4
					8	27.3	39.4	76.4	170.8	358.1	466.4	554.3	636.6	710.2
					16	21.6	34.3	69.8	156.9	398.3	593.4	678.6	744.2	773.6
					32	24.0	34.0	78.2	156.2	351.5	618.5	744.9	882.6	959.6
			1536	128	0	74.1	113.8	223.9	289.6	389.1	506.1	660.3	696.4	691.3
					1	72.1	108.1	176.7	323.7	612.7	981.4	1349.0	1734.3	1786.5
					8	20.1	32.0	64.9	125.8	219.4	275.9	357.7	451.9	498.3
					16	17.3	26.2	48.4	104.2	222.8	265.5	294.3	338.7	349.6
					32	16.7	26.4	52.7	84.6	182.0	256.4	290.6	321.6	335.3
				4096	0	81.8	141.7	220.1	287.7	397.0	495.9	667.7	709.7	704.4
					1	72.6	104.1	178.7	327.9	618.7	988.1	1360.5	1731.7	1850.9
					8	22.9	31.4	57.9	120.6	225.8	279.9	355.7	463.7	493.1
					16	17.5	26.2	47.2	105.2	227.1	269.0	300.5	339.1	357.2
					32	16.4	27.7	48.8	90.6	189.1	251.1	293.1	338.6	354.2
				65536	0	80.9	119.6	223.1	279.5	399.2	512.4	684.5	720.5	689.2
					1	74.1	101.7	178.3	324.6	622.2	981.8	1369.5	1720.5	1778.9
					8	20.6	33.2	60.8	131.6	218.5	281.2	361.2	458.8	508.0
					16	17.5	25.9	50.6	102.9	219.5	272.0	302.0	338.5	363.4
					32	15.4	28.5	47.3	89.3	196.7	257.7	294.2	331.4	345.4
			12288	128	0	104.2	150.2	248.4	303.6	356.1	370.1	387.6	375.0	350.2
					1	76.4	104.0	180.2	325.3	607.0	942.9	1301.5	1570.2	1551.0
					8	21.4	32.2	61.4	136.4	225.0	280.4	350.3	391.2	413.4
					16	23.3	29.7	57.5	131.8	229.3	269.7	305.7	331.7	354.9
					32	18.1	28.1	59.3	93.6	196.8	272.9	291.4	328.2	333.7
				4096	0	82.0	151.1	245.9	305.5	362.6	371.8	380.4	402.9	372.7
					1	76.0	104.1	180.6	321.7	611.7	983.2	1319.8	1687.6	1698.4
					8	23.5	31.9	65.5	135.7	227.3	284.9	365.3	415.3	370.9
					16	18.7	33.9	60.9	124.1	236.6	279.4	316.3	348.4	367.2
					32	17.5	30.7	65.0	93.8	201.2	276.5	302.1	327.9	332.5
				65536	0	95.8	141.1	237.7	314.0	347.0	378.6	376.7	363.1	368.1
					1	77.8	103.0	178.7	322.9	609.5	972.1	1281.4	1605.0	1522.6
					8	21.5	31.6	62.5	141.3	233.5	285.4	357.5	423.7	401.8
					16	19.3	27.5	54.3	123.6	244.9	276.9	311.5	343.0	360.8
					32	18.0	31.1	62.3	97.1	223.5	272.2	316.3	331.7	334.9

caching	dataset	workers	readahead	wm	eic	patched-0012 2	4	8	16	32	52	72	92	112
uncached	cyclic	0	0	128	0	98%	97%	99%	100%	101%	100%	102%	97%	95%
					1	100%	99%	99%	100%	99%	101%	105%	99%	96%
					8	99%	99%	99%	99%	100%	98%	100%	101%	100%
					16	102%	106%	102%	96%	98%	99%	100%	100%	100%
					32	100%	100%	100%	102%	101%	100%	100%	101%	100%
				4096	0	102%	102%	102%	101%	103%	101%	97%	103%	93%
					1	101%	99%	100%	99%	101%	101%	102%	99%	103%
					8	96%	108%	100%	99%	105%	101%	99%	100%	102%
					16	98%	100%	100%	101%	99%	100%	102%	101%	101%
					32	95%	98%	104%	101%	101%	101%	101%	99%	100%
				65536	0	97%	103%	102%	103%	97%	99%	100%	104%	102%
					1	100%	100%	101%	100%	100%	101%	98%	103%	98%
					8	93%	98%	100%	98%	100%	100%	100%	99%	99%
					16	108%	101%	98%	104%	100%	98%	101%	100%	101%
					32	109%	104%	97%	96%	101%	100%	99%	100%	101%
			1536	128	0	100%	101%	98%	93%	101%	100%	100%	100%	101%
					1	101%	100%	100%	101%	102%	101%	100%	98%	100%
					8	101%	105%	101%	99%	101%	101%	102%	101%	101%
					16	108%	100%	100%	100%	100%	101%	100%	100%	100%
					32	102%	100%	97%	101%	99%	100%	99%	100%	100%
				4096	0	101%	105%	101%	101%	101%	99%	101%	99%	100%
					1	104%	98%	103%	103%	101%	102%	101%	99%	99%
					8	96%	97%	98%	99%	101%	97%	99%	100%	97%
					16	99%	99%	104%	101%	100%	101%	100%	100%	100%
					32	96%	97%	100%	98%	99%	101%	100%	99%	101%
				65536	0	99%	105%	101%	100%	100%	99%	100%	101%	100%
					1	103%	100%	99%	100%	102%	102%	102%	99%	100%
					8	91%	102%	102%	101%	102%	102%	99%	100%	103%
					16	98%	101%	100%	102%	101%	101%	100%	98%	99%
					32	99%	96%	99%	100%	101%	100%	99%	100%	100%
			12288	128	0	102%	100%	100%	100%	101%	102%	100%	101%	100%
					1	102%	98%	99%	99%	98%	101%	102%	105%	100%
					8	98%	99%	100%	101%	99%	101%	101%	101%	100%
					16	98%	101%	103%	102%	100%	100%	100%	102%	100%
					32	101%	97%	99%	99%	100%	101%	99%	100%	99%
				4096	0	97%	101%	101%	100%	99%	99%	100%	101%	101%
					1	104%	102%	98%	100%	100%	101%	100%	98%	100%
					8	100%	100%	99%	101%	102%	97%	101%	100%	101%
					16	97%	101%	102%	99%	100%	101%	99%	100%	99%
					32	93%	102%	102%	103%	100%	100%	100%	101%	100%
				65536	0	96%	100%	99%	99%	100%	100%	100%	101%	102%
					1	99%	104%	101%	98%	99%	98%	98%	99%	99%
					8	103%	100%	100%	100%	102%	103%	99%	96%	101%
					16	109%	94%	104%	100%	99%	101%	99%	98%	100%
					32	100%	106%	104%	101%	99%	99%	100%	100%	100%
		4	0	128	0	101%	107%	98%	100%	101%	100%	100%	102%	100%
					1	105%	95%	103%	101%	102%	100%	100%	99%	100%
					8	99%	103%	103%	98%	100%	100%	100%	99%	100%
					16	103%	104%	103%	100%	100%	100%	100%	101%	100%
					32	92%	97%	96%	98%	101%	100%	100%	99%	99%
				4096	0	100%	102%	97%	99%	100%	100%	100%	100%	100%
					1	95%	102%	100%	100%	100%	100%	99%	101%	100%
					8	101%	107%	100%	105%	101%	99%	99%	99%	100%
					16	114%	100%	100%	101%	101%	101%	100%	100%	101%
					32	91%	99%	104%	101%	99%	100%	100%	99%	100%
				65536	0	97%	104%	99%	99%	103%	100%	99%	99%	97%
					1	101%	102%	101%	99%	100%	99%	101%	100%	100%
					8	100%	103%	102%	100%	101%	100%	99%	100%	99%
					16	112%	100%	101%	99%	102%	100%	101%	100%	100%
					32	105%	102%	101%	100%	100%	100%	100%	99%	100%
			1536	128	0	101%	101%	100%	100%	100%	102%	100%	99%	98%
					1	103%	98%	101%	101%	100%	95%	96%	95%	94%
					8	97%	105%	101%	98%	100%	100%	100%	100%	100%
					16	99%	98%	100%	100%	100%	99%	100%	100%	102%
					32	106%	101%	103%	101%	100%	100%	100%	100%	100%
				4096	0	99%	101%	99%	101%	100%	102%	102%	98%	104%
					1	102%	101%	106%	100%	99%	102%	104%	106%	106%
					8	102%	118%	101%	98%	100%	99%	100%	101%	100%
					16	110%	93%	101%	100%	100%	99%	101%	100%	100%
					32	91%	103%	101%	100%	95%	100%	99%	100%	100%
				65536	0	98%	99%	99%	99%	104%	101%	100%	98%	102%
					1	108%	102%	95%	98%	98%	105%	107%	108%	110%
					8	103%	98%	96%	101%	101%	100%	100%	100%	97%
					16	98%	100%	101%	101%	100%	100%	101%	101%	100%
					32	85%	101%	95%	101%	99%	100%	100%	101%	100%
			12288	128	0	104%	102%	101%	102%	99%	100%	102%	103%	101%
					1	100%	102%	101%	97%	98%	103%	98%	89%	83%
					8	98%	102%	100%	99%	100%	102%	99%	97%	104%
					16	100%	98%	100%	98%	101%	101%	107%	93%	107%
					32	101%	95%	99%	100%	100%	102%	103%	102%	103%
				4096	0	99%	99%	99%	99%	102%	101%	99%	99%	100%
					1	100%	101%	103%	94%	105%	111%	99%	103%	112%
					8	109%	97%	100%	98%	99%	100%	98%	96%	101%
					16	112%	96%	98%	99%	99%	98%	96%	100%	98%
					32	84%	102%	100%	101%	100%	97%	101%	98%	93%
				65536	0	101%	97%	103%	99%	98%	102%	101%	101%	99%
					1	97%	106%	102%	97%	105%	102%	97%	119%	108%
					8	101%	101%	98%	98%	100%	101%	96%	107%	105%
					16	108%	104%	99%	96%	99%	99%	100%	100%	107%
					32	119%	97%	103%	100%	99%	99%	100%	100%	107%

caching	dataset	workers	readahead	wm	eic	patched-0014 2	4	8	16	32	52	72	92	112
uncached	cyclic	0	0	128	0	92%	92%	91%	93%	91%	93%	93%	87%	90%
					1	44%	76%	95%	111%	118%	123%	127%	130%	125%
					8	78%	187%	260%	261%	260%	262%	264%	259%	260%
					16	81%	205%	279%	325%	317%	324%	332%	330%	333%
					32	65%	246%	288%	363%	415%	376%	382%	371%	360%
				4096	0	95%	94%	93%	89%	92%	91%	89%	90%	88%
					1	44%	78%	95%	106%	121%	122%	125%	130%	137%
					8	78%	184%	259%	253%	268%	270%	259%	257%	265%
					16	66%	203%	284%	341%	312%	317%	321%	336%	319%
					32	64%	240%	285%	358%	406%	384%	378%	383%	369%
				65536	0	91%	95%	94%	93%	89%	92%	91%	95%	95%
					1	43%	80%	93%	110%	119%	124%	120%	129%	126%
					8	78%	181%	257%	261%	267%	268%	264%	251%	256%
					16	74%	214%	272%	325%	315%	315%	338%	319%	315%
					32	71%	256%	281%	345%	403%	377%	375%	367%	363%
			1536	128	0	42%	61%	114%	110%	104%	102%	113%	97%	96%
					1	43%	62%	77%	55%	38%	33%	30%	22%	94%
					8	79%	144%	190%	135%	87%	75%	63%	45%	37%
					16	70%	149%	229%	151%	101%	84%	81%	57%	46%
					32	68%	185%	226%	173%	120%	98%	97%	68%	54%
				4096	0	41%	63%	114%	115%	103%	103%	115%	97%	98%
					1	42%	63%	77%	56%	37%	33%	29%	20%	94%
					8	74%	133%	187%	135%	86%	71%	63%	45%	36%
					16	67%	141%	225%	149%	101%	84%	80%	55%	46%
					32	63%	183%	232%	165%	118%	98%	94%	66%	54%
				65536	0	41%	65%	112%	116%	104%	102%	112%	97%	97%
					1	43%	62%	74%	55%	38%	32%	29%	21%	94%
					8	78%	144%	192%	133%	87%	75%	64%	45%	37%
					16	71%	146%	231%	148%	100%	83%	81%	55%	46%
					32	62%	179%	235%	168%	116%	99%	94%	66%	53%
			12288	128	0	33%	77%	122%	116%	99%	104%	98%	93%	88%
					1	45%	78%	83%	49%	33%	19%	14%	11%	82%
					8	78%	186%	214%	124%	78%	41%	32%	24%	22%
					16	74%	210%	272%	151%	99%	53%	39%	30%	27%
					32	68%	249%	305%	173%	117%	61%	47%	36%	31%
				4096	0	34%	79%	122%	117%	99%	102%	99%	97%	90%
					1	46%	83%	81%	49%	33%	19%	14%	11%	84%
					8	90%	186%	207%	122%	77%	41%	31%	23%	20%
					16	70%	206%	266%	146%	97%	51%	38%	29%	25%
					32	70%	255%	303%	175%	116%	61%	46%	35%	29%
				65536	0	32%	79%	121%	117%	98%	103%	99%	96%	90%
					1	43%	83%	84%	48%	33%	18%	14%	11%	83%
					8	81%	185%	212%	121%	78%	42%	31%	23%	20%
					16	76%	198%	270%	149%	97%	52%	38%	30%	25%
					32	69%	257%	316%	174%	116%	61%	46%	35%	29%
		4	0	128	0	95%	101%	99%	98%	100%	99%	98%	100%	99%
					1	94%	94%	98%	99%	98%	99%	99%	98%	98%
					8	58%	52%	55%	65%	80%	63%	53%	49%	51%
					16	58%	56%	58%	71%	98%	91%	74%	62%	62%
					32	71%	66%	66%	67%	102%	109%	102%	90%	88%
				4096	0	99%	100%	95%	97%	98%	100%	100%	100%	99%
					1	93%	99%	98%	96%	98%	97%	98%	99%	98%
					8	54%	53%	52%	74%	74%	65%	54%	50%	53%
					16	59%	54%	53%	75%	97%	91%	75%	66%	63%
					32	47%	74%	63%	77%	97%	111%	98%	90%	90%
				65536	0	88%	97%	97%	96%	101%	99%	99%	100%	98%
					1	102%	97%	95%	97%	97%	97%	99%	98%	98%
					8	54%	51%	55%	71%	78%	64%	55%	50%	51%
					16	57%	49%	56%	68%	100%	92%	76%	64%	62%
					32	77%	64%	70%	76%	104%	112%	97%	90%	90%
			1536	128	0	46%	62%	93%	101%	103%	99%	97%	95%	98%
					1	93%	94%	93%	95%	101%	113%	121%	137%	153%
					8	44%	47%	53%	56%	54%	42%	39%	39%	39%
					16	51%	43%	43%	52%	62%	45%	37%	33%	31%
					32	69%	60%	55%	47%	62%	53%	43%	37%	36%
				4096	0	51%	77%	92%	100%	103%	97%	98%	95%	103%
					1	93%	90%	95%	97%	103%	116%	127%	154%	170%
					8	55%	48%	47%	53%	54%	42%	39%	40%	39%
					16	52%	41%	42%	52%	62%	46%	37%	32%	32%
					32	56%	64%	50%	51%	60%	51%	43%	39%	37%
				65536	0	49%	64%	91%	96%	101%	97%	97%	97%	101%
					1	95%	87%	91%	94%	100%	120%	128%	161%	173%
					8	49%	46%	49%	60%	53%	42%	39%	39%	40%
					16	51%	44%	46%	52%	60%	46%	37%	33%	32%
					32	51%	63%	45%	50%	65%	52%	43%	38%	36%
			12288	128	0	52%	64%	96%	103%	100%	104%	105%	101%	98%
					1	94%	89%	93%	94%	107%	136%	214%	274%	265%
					8	50%	47%	50%	61%	55%	43%	39%	34%	38%
					16	68%	50%	52%	65%	64%	46%	41%	32%	37%
					32	69%	59%	61%	52%	66%	57%	45%	40%	37%
				4096	0	39%	64%	97%	101%	106%	99%	101%	108%	107%
					1	90%	90%	94%	91%	112%	152%	224%	312%	395%
					8	55%	44%	53%	60%	54%	44%	40%	36%	31%
					16	57%	56%	53%	61%	65%	47%	40%	34%	38%
					32	53%	68%	67%	52%	67%	56%	46%	42%	36%
				65536	0	46%	59%	95%	104%	97%	105%	101%	98%	103%
					1	94%	86%	93%	93%	112%	149%	224%	341%	314%
					8	50%	45%	49%	63%	55%	44%	39%	40%	35%
					16	60%	45%	47%	60%	67%	47%	40%	36%	35%
					32	70%	68%	65%	53%	74%	57%	47%	39%	37%