

Test Case (100M rows)	Test Case Thread Run Time (ms)							Operation Latency (us)						
	Unfair			Fair				Unfair			Fair			
	Average	Min	Max	Average	Min	Max		Average	Min	Max	Average	Min	Max	
randomSeekScan 10	34411	34078	34774	35945	35710	36263	104.46%	3431	815	213899	3584	844	210860	104.45%
randomSeekScan 50	30246	23946	32910	31601	26948	33108	104.48%	15065	886	432805	15716	888	707940	104.32%
randomSeekScan 100	45875	37864	48231	43540	33310	47078	94.91%	39312	946	3002825	40582	923	2421268	103.23%
scanRange10 10	4926	4859	5069	5390	5281	5432	109.42%	483	164	221053	528	167	52977	109.34%
scanRange10 50	4764	3193	5268	4881	3285	5255	102.46%	1544	178	341887	1565	175	355596	101.35%
scanRange10 100	18770	11081	20733	16858	9967	19010	89.81%	11039	176	2306291	8903	187	1291170	80.65% (Anomaly)
scanRange100 10	14780	14619	14990	15777	15685	15833	106.75%	1470	770	211659	1567	762	54159	106.65%
scanRange100 50	11281	8489	12187	12837	11104	13512	113.79%	5325	847	419439	5726	804	1140074	107.52%
scanRange100 100	25051	17612	27217	25535	17253	28166	101.93%	18263	812	1518717	19621	795	1714296	107.44%
scanRange1000 10	110354	109643	110913	116792	116359	117441	105.83%	11017	6903	221812	11661	6690	217973	105.84%
scanRange1000 50	84365	59534	95579	88254	71516	92769	104.61%	42104	6692	1392300	44045	6946	1199349	104.61%
scanRange1000 100	104338	92152	107835	103328	86568	111322	99.03%	101478	7297	3669243	102890	6877	5032005	101.39%
randomRead 10	3914	3881	3962	3508	3464	3547	89.63%	386	98	45517	345	95	51397	89.41%
randomRead 50	1258	1210	1344	1097	1261	1156	87.20%	617	102	119949	564	99	93784	91.35%
randomRead 100	1532	1106	1906	1283	990	1737	83.75%	1518	98	555122	1249	104	587757	82.26%
randomRead 200	1243	574	1947	1094	340	2133	88.01%	2432	109	588245	1859	105	707081	76.43%
randomRead 500	567	77	1476	604	80	1522	106.53%	2164	95	529679	2373	101	677267	109.68%

Parameters for each test case tuned so they randomly choose 100000 out of 100M rows as start keys.

10: --rows=10000000 --sampleRate=0.001 <testcase> 10

50: --rows=2000000 --sampleRate=0.001 <testcase> 50

100: --rows=1000000 --sampleRate=0.001 <testcase> 100

200: --rows=500000 --sampleRate=0.001 <testcase> 200

500: --rows=200000 --sampleRate=0.001 <testcase> 500