

	o2nofp_pgouse	osnofp			
hot-points_range	0.97	0.96			
point-query.pre_r	1.17	0.89			
point-query_rang	1.18	0.89			
points-covered-p	0.97	0.94			
points-covered-p	0.97	0.94			
points-covered-si	1.11	0.83			
points-covered-si	1.10	0.83			
points-notcovere	0.95	0.93			
points-notcovere	0.95	0.93			
points-notcovere	1.08	0.83			
points-notcovere	1.07	0.83			
	o2nofp_pgouse	osnofp			
random-points.pr	1.15	0.87			
random-points.pr	0.95	0.94			
random-points.pr	0.96	0.94			
random-points_r	1.15	0.87			
random-points_r	0.95	0.93			
random-points_r	0.96	0.94			
	o2nofp_pgouse	osnofp			
range-covered-pl	1.24	0.84			
range-covered-pl	1.24	0.84			
range-covered-si	1.26	0.83			
range-covered-si	1.26	0.83			
range-notcoverec	1.25	0.82			
range-notcoverec	1.25	0.82			
range-notcoverec	1.09	0.84			
range-notcoverec	1.09	0.84			
scan_range=100	1.46	0.79			
	o2nofp_pgouse	osnofp			
read-only.pre_rar	1.18	1.15			
read-only.pre_rar	1.16	1.11			
read-only.pre_rar	1.03	0.96			
read-only_range:	1.20	1.16			
read-only_range:	1.17	1.12			
read-only_range:	1.03	0.96			
	o2nofp_pgouse	osnofp			
delete_range=10	0.85	0.92			
insert_range=100	1.02	0.98			
read-write_range	1.20	0.99			
read-write_range	1.10	1.00			
update-index_rar	1.00	1.01			
update-inlist_ran	1.10	0.95			

update-nonindex	1.04	0.96			
update-one_range	0.89	0.96			
update-zipf_range	1.03	0.96			
write-only_range	1.02	0.95			
o2nofp_pgouse					
	min	max	avg	median	stdev
point-1	0.95	1.18	1.05	1.07	0.09
point-2	0.95	1.15	1.02	0.96	0.10
range-1	1.09	1.46	1.24	1.25	0.11
range-2	1.03	1.20	1.13	1.17	0.08
writes	0.85	1.20	1.03	1.03	0.10
osnofp					
	min	max	avg	median	stdev
point-1	0.83	0.96	0.89	0.89	0.05
point-2	0.87	0.94	0.92	0.94	0.04
range-1	0.79	0.84	0.83	0.83	0.02
range-2	0.96	1.16	1.08	1.12	0.09
writes	0.92	1.01	0.97	0.96	0.03

								hot-points_range	0.92	0.91
hot-points_range	0.92	0.91						point-query.pre_r	1.21	0.89
point-query.pre_r	1.21	0.89						point-query_rang	1.19	0.90
point-query_rang	1.19	0.90						points-covered-p	0.95	0.91
points-covered-p	0.95	0.91						points-covered-p	0.95	0.92
points-covered-p	0.95	0.92						points-covered-si	1.11	0.82
points-covered-si	1.11	0.82						points-covered-si	1.10	0.82
points-covered-si	1.10	0.82						points-notcovere	0.93	0.91
points-notcovere	0.93	0.91						points-notcovere	0.93	0.91
points-notcovere	0.93	0.91						points-notcovere	1.08	0.83
points-notcovere	1.08	0.83						points-notcovere	1.08	0.83
points-notcovere	1.08	0.83						random-points.pr	1.16	0.88
	o2nofp_pgouse	osnofp						random-points.pr	0.93	0.91
random-points.pr	1.16	0.88						random-points.pr	0.94	0.91
random-points.pr	0.93	0.91						random-points_ra	1.15	0.87
random-points.pr	0.94	0.91						random-points_ra	0.93	0.91
random-points_ra	1.15	0.87						random-points_ra	0.94	0.91
random-points_ra	0.93	0.91						range-covered-pl	1.24	0.83
random-points_ra	0.94	0.91						range-covered-pl	1.24	0.84
	o2nofp_pgouse	osnofp						range-covered-si	1.24	0.83
range-covered-pl	1.24	0.83						range-covered-si	1.24	0.83
range-covered-pl	1.24	0.84						range-notcoverex	1.23	0.82
range-covered-si	1.24	0.83						range-notcoverex	1.23	0.82
range-covered-si	1.24	0.83						range-notcoverex	1.08	0.83
range-notcoverex	1.23	0.82						range-notcoverex	1.08	0.82
range-notcoverex	1.23	0.82						read-only.pre_rar	1.20	1.13
range-notcoverex	1.08	0.83						read-only.pre_rar	1.17	1.10
range-notcoverex	1.08	0.82						read-only.pre_rar	1.03	0.96
scan_range=100	1.22	0.67						read-only_range:	1.22	1.17
	o2nofp_pgouse	osnofp						read-only_range:	1.18	1.12
read-only.pre_rar	1.20	1.13						read-only_range:	1.03	0.96
read-only.pre_rar	1.17	1.10						scan_range=100	1.22	0.67
read-only.pre_rar	1.03	0.96						delete_range=10	0.90	0.78
read-only_range:	1.22	1.17						insert_range=100	1.02	1.08
read-only_range:	1.18	1.12						read-write_range	1.13	1.00
read-only_range:	1.03	0.96						read-write_range	1.10	1.00
	o2nofp_pgouse	osnofp						update-index_rar	0.98	0.98
delete_range=10	0.90	0.78						update-inlist_ran	0.99	0.96
insert_range=100	1.02	1.08						update-nonindex	1.03	0.96
read-write_range	1.13	1.00						update-one_rang	0.93	0.92
read-write_range	1.10	1.00						update-zipf_rang	1.02	0.96
update-index_rar	0.98	0.98						write-only_range:	1.03	0.95
update-inlist_ran	0.99	0.96								
update-nonindex	1.03	0.96								
update-one_rang	0.93	0.92								
update-zipf_rang	1.02	0.96								
write-only_range:	1.03	0.95								
o2nofp_pgouse										
	min	max	avg	median	stdev					
point-1	0.92	1.21	1.04	1.08	0.11					
point-2	0.93	1.16	1.01	0.94	0.11					
range-1	1.08	1.24	1.20	1.23	0.07					
range-2	1.03	1.22	1.14	1.18	0.09					
writes	0.90	1.13	1.01	1.02	0.07					
osnofp										
	min	max	avg	median	stdev					
point-1	0.82	0.92	0.88	0.90	0.04					
point-2	0.87	0.91	0.90	0.91	0.02					
range-1	0.67	0.84	0.81	0.83	0.05					
range-2	0.96	1.17	1.07	1.11	0.09					
writes	0.78	1.08	0.96	0.96	0.08					

	o2nofp_pgouse	osnofp			
hot-points_range	1.17	0.78			
point-query.pre_r	1.30	0.81			
point-query_rang	1.32	0.81			
points-covered-p	1.10	0.82			
points-covered-p	1.10	0.82			
points-covered-si	1.10	0.78			
points-covered-si	1.09	0.79			
points-notcovere	1.10	0.82			
points-notcovere	1.10	0.82			
points-notcovere	1.07	0.80			
points-notcovere	1.07	0.80			
	o2nofp_pgouse	osnofp			
random-points.pr	1.21	0.83			
random-points.pr	1.09	0.82			
random-points.pr	1.07	0.83			
random-points_r	1.22	0.82			
random-points_r	1.09	0.82			
random-points_r	1.07	0.83			
	o2nofp_pgouse	osnofp			
range-covered-pl	1.28	0.80			
range-covered-pl	1.28	0.79			
range-covered-si	1.28	0.77			
range-covered-si	1.27	0.77			
range-notcoverec	1.27	0.78			
range-notcoverec	1.27	0.78			
range-notcoverec	1.08	0.80			
range-notcoverec	1.08	0.80			
scan_range=100	1.23	0.64			
	o2nofp_pgouse	osnofp			
read-only.pre_rar	1.29	0.83			
read-only.pre_rar	1.26	0.82			
read-only.pre_rar	1.08	0.85			
read-only_range:	1.29	0.83			
read-only_range:	1.25	0.82			
read-only_range:	1.09	0.85			
	o2nofp_pgouse	osnofp			
delete_range=10	1.12	0.87			
insert_range=100	1.12	0.89			
read-write_range	1.14	0.90			
read-write_range	1.14	0.88			
update-index_rar	1.08	0.88			
update-inlist_ran	1.06	0.87			

update-nonindex	1.12	0.90			
update-one_range	1.13	0.90			
update-zipf_range	1.12	0.89			
write-only_range	1.10	0.92			
o2nofp_pgouse					
	min	max	avg	median	stdev
point-1	1.07	1.32	1.14	1.10	0.09
point-2	1.07	1.22	1.13	1.09	0.07
range-1	1.08	1.28	1.23	1.27	0.08
range-2	1.08	1.29	1.21	1.26	0.10
writes	1.06	1.14	1.11	1.12	0.03
osnofp					
	min	max	avg	median	stdev
point-1	0.78	0.82	0.80	0.81	0.02
point-2	0.82	0.83	0.83	0.83	0.01
range-1	0.64	0.80	0.77	0.78	0.05
range-2	0.82	0.85	0.83	0.83	0.01
writes	0.87	0.92	0.89	0.89	0.02

	o2nofp_pgouse	o2nofp_pgouse_	osnofp	osnofp_lto	
hot-points_range	1.21	1.37	0.80	0.78	
point-query.pre_r	1.38	1.67	0.81	0.79	
point-query_rang	1.37	1.68	0.81	0.80	
points-covered-p	1.17	1.27	0.83	0.82	
points-covered-p	1.18	1.28	0.83	0.82	
points-covered-si	1.17	1.29	0.82	0.81	
points-covered-si	1.17	1.29	0.82	0.81	
points-notcovere	1.17	1.27	0.83	0.81	
points-notcovere	1.18	1.28	0.83	0.81	
points-notcovere	1.14	1.22	0.84	0.83	
points-notcovere	1.15	1.22	0.84	0.83	
	o2nofp_pgouse	o2nofp_pgouse_	osnofp	osnofp_lto	
random-points.pr	1.28	1.49	0.82	0.81	
random-points.pr	1.17	1.27	0.83	0.82	
random-points.pr	1.13	1.20	0.83	0.82	
random-points_r	1.29	1.50	0.82	0.81	
random-points_r	1.17	1.27	0.83	0.81	
random-points_r	1.13	1.21	0.83	0.81	
	o2nofp_pgouse	o2nofp_pgouse_	osnofp	osnofp_lto	
range-covered-pl	1.29	1.53	0.77	0.74	
range-covered-pl	1.28	1.53	0.76	0.74	
range-covered-si	1.32	1.58	0.76	0.74	
range-covered-si	1.32	1.60	0.76	0.74	
range-notcoverec	1.28	1.53	0.77	0.73	
range-notcoverec	1.28	1.54	0.77	0.73	
range-notcoverec	1.16	1.24	0.84	0.83	
range-notcoverec	1.16	1.24	0.83	0.82	
scan_range=100	1.10	1.20	0.61	0.58	
	o2nofp_pgouse	o2nofp_pgouse_	osnofp	osnofp_lto	
read-only.pre_rar	1.35	1.62	0.83	0.82	
read-only.pre_rar	1.29	1.52	0.81	0.79	
read-only.pre_rar	1.05	1.11	0.67	0.78	
read-only_range:	1.33	1.60	0.82	0.81	
read-only_range:	1.30	1.52	0.81	0.79	
read-only_range:	1.05	1.11	0.67	0.77	
	o2nofp_pgouse	o2nofp_pgouse_	osnofp	osnofp_lto	
delete_range=10	1.19	1.34	0.84	0.83	
insert_range=100	1.15	1.25	0.87	0.86	
read-write_range	1.22	1.36	0.85	0.84	
read-write_range	1.21	1.34	0.84	0.83	
update-index_rar	1.05	1.09	0.80	0.77	
update-inlist_ran	1.11	1.19	0.90	0.88	

update-nonindex	1.16	1.28	0.87	0.86	
update-one_range	1.15	1.27	0.86	0.85	
update-zipf_range	1.17	1.28	0.87	0.86	
write-only_range	1.14	1.23	0.87	0.85	
PGO	min	max	avg	median	stdev
point-1	1.14	1.38	1.21	1.17	0.08
point-2	1.13	1.29	1.20	1.17	0.07
range-1	1.10	1.32	1.24	1.28	0.08
range-2	1.05	1.35	1.23	1.30	0.14
writes	1.05	1.22	1.16	1.16	0.05
PGO + LTO	min	max	avg	median	stdev
point-1	1.22	1.68	1.35	1.28	0.17
point-2	1.20	1.50	1.32	1.27	0.14
range-1	1.20	1.60	1.44	1.53	0.16
range-2	1.11	1.62	1.41	1.52	0.24
writes	1.09	1.36	1.26	1.28	0.08
-Os	min	max	avg	median	stdev
point-1	0.80	0.84	0.82	0.83	0.01
point-2	0.82	0.83	0.83	0.83	0.01
range-1	0.61	0.84	0.76	0.77	0.07
range-2	0.67	0.83	0.77	0.81	0.08
writes	0.80	0.90	0.86	0.87	0.03
osnofp_lto	min	max	avg	median	stdev
point-1	0.78	0.83	0.81	0.81	0.02
point-2	0.81	0.82	0.81	0.81	0.01
range-1	0.58	0.83	0.74	0.74	0.07
range-2	0.77	0.82	0.79	0.79	0.02
writes	0.77	0.88	0.84	0.85	0.03

	o2nofp_lto	o2nofp_pgouse	osnofp		
hot-points_range	1.20	1.59	0.99		
point-query.pre_r	1.04	1.30	0.84		
point-query_rang	1.07	1.32	0.85		
points-covered-p	1.01	1.13	0.83		
points-covered-p	1.06	1.21	0.89		
points-covered-si	1.04	1.17	0.73		
points-covered-si	0.97	1.14	0.78		
points-notcovere	1.01	1.12	0.83		
points-notcovere	1.06	1.19	0.88		
points-notcovere	1.02	1.16	0.78		
points-notcovere	1.00	1.15	0.82		
	o2nofp_lto	o2nofp_pgouse	osnofp		
random-points.pr	1.04	1.26	0.83		
random-points.pr	1.02	1.14	0.84		
random-points.pr	1.01	1.10	0.83		
random-points_r	1.06	1.27	0.86		
random-points_r	1.06	1.19	0.88		
random-points_r	1.06	1.18	0.89		
	o2nofp_lto	o2nofp_pgouse	osnofp		
range-covered-pl	1.05	1.33	0.77		
range-covered-pl	1.07	1.38	0.81		
range-covered-si	1.03	1.33	0.76		
range-covered-si	1.03	1.32	0.76		
range-notcoverec	1.05	1.32	0.77		
range-notcoverec	1.06	1.36	0.81		
range-notcoverec	1.01	1.14	0.83		
range-notcoverec	1.05	1.19	0.88		
scan_range=100	1.01	1.27	0.68		
	o2nofp_lto	o2nofp_pgouse	osnofp		
read-only.pre_rar	1.03	1.20	0.88		
read-only.pre_rar	1.03	1.22	0.77		
read-only.pre_rar	1.03	1.18	0.62		
read-only_range:	1.03	1.20	0.88		
read-only_range:	1.05	1.26	0.78		
read-only_range:	1.07	1.20	0.64		
	o2nofp_lto	o2nofp_pgouse	osnofp		
delete_range=10	1.07	1.18	0.91		
insert_range=100	1.02	1.13	0.86		
read-write_range	1.03	1.20	0.88		
read-write_range	1.03	1.22	0.82		
update-index_rar	1.02	1.14	0.87		
update-inlist_ran	1.01	1.07	0.88		

update-nonindex	1.03	1.14	0.87		
update-one_range	1.03	1.17	0.86		
update-zipf_range	1.03	1.14	0.87		
write-only_range	1.03	1.17	0.88		
o2nofp_lto	min	max	avg	median	stdev
point-1	0.97	1.20	1.04	1.04	0.06
point-2	1.01	1.06	1.04	1.05	0.02
range-1	1.01	1.07	1.04	1.05	0.02
range-2	1.03	1.07	1.04	1.03	0.02
writes	1.01	1.07	1.03	1.03	0.02
o2nofp_pgouse_	min	max	avg	median	stdev
point-1	1.12	1.59	1.23	1.17	0.14
point-2	1.10	1.27	1.19	1.19	0.07
range-1	1.14	1.38	1.29	1.32	0.08
range-2	1.18	1.26	1.21	1.20	0.03
writes	1.07	1.22	1.16	1.16	0.04
osnofp	min	max	avg	median	stdev
point-1	0.73	0.99	0.84	0.83	0.07
point-2	0.83	0.89	0.86	0.85	0.03
range-1	0.68	0.88	0.79	0.77	0.06
range-2	0.62	0.88	0.76	0.78	0.11
writes	0.82	0.91	0.87	0.87	0.02

	5.6.51	5.7.10	5.7.27	5.7.44	8.0.11	8.0.28	8.0.37
hot-points_range	1.06	1.44	1.42	1.44	1.33	1.06	1.10
point-query.pre_r	0.99	0.94	0.95	0.93	0.85	0.80	0.74
point-query_rang	0.99	0.94	0.96	0.94	0.86	0.81	0.75
points-covered-p	1.02	1.10	1.11	1.15	1.08	0.89	0.90
points-covered-p	1.02	1.10	1.11	1.15	1.08	0.90	0.91
points-covered-si	1.00	0.86	0.86	0.89	0.82	0.74	0.75
points-covered-si	1.00	0.85	0.85	0.88	0.82	0.73	0.75
points-notcovere	1.03	1.08	1.09	1.12	1.04	0.87	0.88
points-notcovere	1.03	1.07	1.09	1.12	1.04	0.87	0.88
points-notcovere	1.00	0.83	0.84	0.87	0.80	0.73	0.71
points-notcovere	0.99	0.82	0.83	0.86	0.80	0.73	0.71
	5.6.51	5.7.10	5.7.27	5.7.44	8.0.11	8.0.28	8.0.37
random-points.pr	1.00	0.91	0.92	0.92	0.84	0.79	0.73
random-points.pr	1.03	1.08	1.09	1.13	1.04	0.88	0.88
random-points.pr	1.02	1.20	1.23	1.29	1.19	0.54	1.03
random-points_ra	1.00	0.90	0.92	0.91	0.83	0.79	0.73
random-points_ra	1.03	1.08	1.10	1.13	1.04	0.88	0.89
random-points_ra	1.02	1.20	1.24	1.29	1.19	0.54	1.04
	5.6.51	5.7.10	5.7.27	5.7.44	8.0.11	8.0.28	8.0.37
range-covered-pl	1.00	0.89	0.88	0.85	0.84	0.76	0.71
range-covered-pl	1.00	0.89	0.89	0.85	0.84	0.76	0.71
range-covered-si	1.01	0.90	0.90	0.88	0.85	0.78	0.73
range-covered-si	1.00	0.90	0.90	0.87	0.84	0.78	0.73
range-notcovere	1.00	0.90	0.89	0.86	0.81	0.75	0.70
range-notcovere	1.00	0.90	0.89	0.87	0.80	0.75	0.70
range-notcovere	1.01	0.83	0.83	0.85	0.79	0.74	0.67
range-notcovere	1.01	0.83	0.83	0.85	0.79	0.74	0.67
scan_range=100	1.14	1.12	1.04	1.00	1.10	0.98	0.79
	5.6.51	5.7.10	5.7.27	5.7.44	8.0.11	8.0.28	8.0.37
read-only.pre_rar	1.00	1.16	1.17	1.15	1.08	1.01	0.93
read-only.pre_rar	0.99	1.20	1.20	1.19	1.12	1.05	0.98
read-only.pre_rar	1.00	1.30	1.30	1.26	1.21	1.08	1.04
read-only_range=	0.98	1.18	1.18	1.16	1.08	1.03	0.95
read-only_range=	0.99	1.23	1.23	1.21	1.13	1.07	0.99
read-only_range=	0.99	1.30	1.29	1.25	1.20	1.08	1.05
	5.6.51	5.7.10	5.7.27	5.7.44	8.0.11	8.0.28	8.0.37
delete_range=10	1.00	1.77	1.79	1.90	1.54	1.50	1.42
insert_range=100	1.00	2.40	2.40	2.38	2.07	1.94	1.82
read-write_range	1.00	1.64	1.63	1.45	1.27	1.31	1.25
read-write_range	1.00	1.65	1.65	1.46	1.28	1.30	1.25
update-index_rar	1.00	3.57	3.80	3.96	3.28	3.53	2.75
update-inlist_ran	1.00	3.05	3.46	3.67	3.21	3.21	3.06
update-nonindex	1.00	2.42	2.43	2.62	2.21	2.11	2.00
update-one_rang	1.00	1.73	1.74	1.93	1.65	1.60	1.53
update-zipf_rang	1.00	2.40	2.42	2.60	2.20	2.11	2.00
write-only_range=	1.00	2.78	2.78	2.66	2.20	2.21	2.03
5.7.44	min	max	avg	median	stdev		
point-1	0.86	1.44	1.03	0.94	0.18		
point-2	0.91	1.29	1.11	1.13	0.17		

range-1	0.85	1.00	0.88	0.86	0.05		
range-2	1.15	1.26	1.20	1.20	0.05		
writes	1.45	3.96	2.46	2.49	0.84		
8.0.37	min	max	avg	median	stdev		
point-1	0.71	1.10	0.83	0.75	0.12		
point-2	0.73	1.04	0.88	0.89	0.14		
range-1	0.67	0.79	0.71	0.71	0.04		
range-2	0.93	1.05	0.99	0.99	0.05		
writes	1.25	3.06	1.91	1.91	0.61		

	5.6.51	5.7.44	8.0.37	
hot-points_range	1.01	1.73	1.36	
point-query.pre_r	1.02	1.04	0.87	
point-query_rang	1.00	1.04	0.86	
points-covered-p	1.00	1.30	1.08	
points-covered-p	1.00	1.30	1.10	
points-covered-si	1.00	0.88	0.79	
points-covered-si	1.00	0.88	0.79	
points-notcovere	1.01	1.30	1.08	
points-notcovere	1.01	1.30	1.10	
points-notcovere	0.99	0.86	0.75	
points-notcovere	1.00	0.86	0.76	
	5.6.51	5.7.44	8.0.37	
random-points.pr	1.00	0.97	0.82	
random-points.pr	1.00	1.30	1.08	
random-points.pr	1.01	1.44	1.22	
random-points_r	1.00	0.97	0.82	
random-points_r	1.01	1.30	1.09	
random-points_r	1.01	1.44	1.23	
	5.6.51	5.7.44	8.0.37	
range-covered-pl	1.00	0.88	0.74	
range-covered-pl	1.00	0.88	0.74	
range-covered-si	1.00	0.89	0.76	
range-covered-si	0.99	0.88	0.76	
range-notcoverec	0.99	0.88	0.72	
range-notcoverec	0.99	0.88	0.72	
range-notcoverec	1.00	0.84	0.71	
range-notcoverec	1.00	0.84	0.71	
scan_range=100	0.95	0.84	0.60	
	5.6.51	5.7.44	8.0.37	
read-only.pre_rar	1.01	1.25	1.07	
read-only.pre_rar	1.00	1.29	1.09	
read-only.pre_rar	0.99	1.32	1.07	
read-only_range=	1.00	1.25	1.05	
read-only_range=	1.00	1.29	1.09	
read-only_range=	0.99	1.33	1.07	
	5.6.51	5.7.44	8.0.37	
delete_range=10	1.06	2.50	1.98	
insert_range=100	1.00	2.60	2.05	
read-write_range	0.94	1.38	1.27	
read-write_range	1.00	1.51	1.37	
update-index_rar	0.99	4.29	2.90	
update-inlist_ran	0.90	3.54	3.09	

update-nonindex	0.99	2.84	2.23		
update-one_range	1.04	2.44	1.98		
update-zipf_range	1.00	2.83	2.26		
write-only_range	1.01	2.88	2.28		
5.7.44	min	max	avg	median	stdev
point-1	0.86	1.73	1.14	1.04	0.28
point-2	0.97	1.44	1.24	1.30	0.22
range-1	0.84	0.89	0.87	0.88	0.02
range-2	1.25	1.33	1.29	1.29	0.03
writes	1.38	4.29	2.68	2.72	0.85
8.0.37	min	max	avg	median	stdev
point-1	0.75	1.36	0.96	0.87	0.20
point-2	0.82	1.23	1.04	1.09	0.18
range-1	0.60	0.76	0.72	0.72	0.05
range-2	1.05	1.09	1.07	1.07	0.02
writes	1.27	3.09	2.14	2.14	0.57