	o2nofp_pgouse	osnofp			
hot-points_range	1.23	0.80			
point-query.pre_r	1.32	0.89			
point-query_rang	1.33	0.89			
points-covered-p	1.11	0.84			
points-covered-p	1.11	0.84			
points-covered-si	1.15	0.82			
points-covered-si	1.14	0.82			
points-notcovere	1.11	0.85			
points-notcovere	1.12	0.85			
points-notcovere	1.11	0.81			
points-notcovere	1.12	0.82			
	o2nofp_pgouse	osnofp			
random-points.pr	1.14	0.81			
random-points.pr	1.11	0.86			
random-points.pr	1.26	0.87			
random-points_ra	1.11	0.81			
random-points_ra	1.11	0.85			
random-points_ra	1.26	0.87			
	o2nofp_pgouse	osnofp			
range-covered-pl	1.29	0.84			
range-covered-pl	1.29	0.83			
range-covered-si	1.32	0.84			
range-covered-si	1.32	0.83			
range-notcovere	1.27	0.81			
range-notcovere	1.28	0.80			
range-notcovere	1.13	0.83			
range-notcovere	1.14	0.83			
scan_range=100	1.35	0.62			
	o2nofp_pgouse	osnofp			
read-only.pre_rar	1.04	0.92			
read-only.pre_rar	1.20	0.93			
read-only.pre_rar	1.27	0.93			
read-only_range=	1.04	0.89			
read-only_range=	1.21	0.92			
read-only_range=	1.29	0.93			
	o2nofp_pgouse	osnofp			
delete_range=10	1.27	0.85			
insert_range=100	1.27	0.87			
read-write_range	1.19	0.91			
read-write_range	1.27	0.92			
update-index_rar	1.14	0.67			
update-inlist_ran	1.11	0.87			

update-nonindex	1.27	0.85			
update-one_rang	1.25	0.86			
update-zipf_rang	1.24	0.85			
write-only_range	1.20	0.77			
o2nofp_pgouse					
	min	max	avg	median	stdev
point-1	1.11	1.33	1.17	1.12	0.09
point-2	1.11	1.26	1.17	1.13	0.07
range-1	1.13	1.35	1.27	1.29	0.08
range-2	1.04	1.29	1.18	1.21	0.11
writes	1.11	1.27	1.22	1.25	0.06
osnofp					
	min	max	avg	median	stdev
point-1	0.80	0.89	0.84	0.84	0.03
point-2	0.81	0.87	0.85	0.86	0.03
range-1	0.62	0.84	0.80	0.83	0.07
range-2	0.89	0.93	0.92	0.93	0.02
writes	0.67	0.92	0.84	0.86	0.07

	o2nofp_pgouse	osnofp			
hot-points_range	1.24	0.78			
point-query.pre_r	1.32	0.85			
point-query_rang	1.33	0.86			
points-covered-p	1.12	0.83			
points-covered-p	1.12	0.83			
points-covered-si	1.14	0.81			
points-covered-si	1.13	0.82			
points-notcovere	1.11	0.83			
points-notcovere	1.12	0.84			
points-notcovere	1.11	0.80			
points-notcovere	1.12	0.82			
	o2nofp_pgouse	osnofp			
random-points.pr	1.12	0.80			
random-points.pr	1.12	0.84			
random-points.pr	1.22	0.84			
random-points_ra	1.12	0.81			
random-points_ra	1.12	0.83			
random-points_ra	1.22	0.84			
	o2nofp_pgouse	osnofp			
range-covered-pl	1.25	0.81			
range-covered-pl	1.28	0.81			
range-covered-si	1.29	0.81			
range-covered-si	1.28	0.80			
range-notcovere	1.26	0.78			
range-notcovere	1.27	0.79			
range-notcovere	1.12	0.81			
range-notcovere	1.13	0.82			
scan_range=100	1.21	0.68			
	o2nofp_pgouse	osnofp			
read-only.pre_rar	1.03	0.91			
read-only.pre_rar	1.20	0.91			
read-only.pre_rar	1.28	0.91			
read-only_range=	1.04	0.91			
read-only_range=	1.20	0.91			
read-only_range=	1.29	0.92			
	o2nofp_pgouse	osnofp			
delete_range=10	1.29	0.85			
insert_range=100	1.23	0.87			
read-write_range	1.21	0.90			
read-write_range	1.27	0.90			
update-index_rar	1.14	0.67			
update-inlist_ran	1.18	0.90			

update-nonindex	1.27	0.85			
update-one_rang	1.30	0.86			
update-zipf_rang	1.28	0.86			
write-only_range	1.25	0.79			
o2nofp_pgouse					
	min	max	avg	median	stdev
point-1	1.11	1.33	1.17	1.12	0.09
point-2	1.12	1.22	1.15	1.12	0.05
range-1	1.12	1.29	1.23	1.26	0.07
range-2	1.03	1.29	1.17	1.20	0.11
writes	1.14	1.30	1.24	1.26	0.05
osnofp					
	min	max	avg	median	stdev
point-1	0.78	0.86	0.82	0.83	0.02
point-2	0.80	0.84	0.83	0.84	0.02
range-1	0.68	0.82	0.79	0.81	0.04
range-2	0.91	0.92	0.91	0.91	0.00
writes	0.67	0.90	0.85	0.86	0.07

	o2nofp_pgouse	osnofp			
hot-points_range	1.27	0.75			
point-query.pre_r	1.35	0.82			
point-query_rang	1.35	0.81			
points-covered-p	1.13	0.81			
points-covered-p	1.13	0.81			
points-covered-si	1.15	0.77			
points-covered-si	1.14	0.77			
points-notcovere	1.14	0.82			
points-notcovere	1.14	0.82			
points-notcovere	1.11	0.72			
points-notcovere	1.11	0.75			
	o2nofp_pgouse	osnofp			
random-points.pr	1.13	0.83			
random-points.pr	1.14	0.82			
random-points.pr	1.30	0.84			
random-points_ra	1.11	0.82			
random-points_ra	1.13	0.82			
random-points_ra	1.30	0.84			
	o2nofp_pgouse	osnofp			
range-covered-pl	1.35	0.76			
range-covered-pl	1.34	0.76			
range-covered-si	1.36	0.76			
range-covered-si	1.35	0.76			
range-notcovere	1.33	0.75			
range-notcovere	1.34	0.77			
range-notcovere	1.12	0.78			
range-notcovere	1.13	0.79			
scan_range=100	1.22	0.61			
	o2nofp_pgouse	osnofp			
read-only.pre_rar	1.11	0.84			
read-only.pre_rar	1.27	0.83			
read-only.pre_rar	1.32	0.84			
read-only_range=	1.10	0.81			
read-only_range=	1.27	0.83			
read-only_range=	1.32	0.83			
	o2nofp_pgouse	osnofp			
delete_range=10	1.39	0.81			
insert_range=100	1.31	0.80			
read-write_range	1.29	0.82			
read-write_range	1.32	0.84			
update-index_rar	1.19	0.66			
update-inlist_ran	1.24	0.83			

update-nonindex	1.39	0.82			
update-one_rang	1.40	0.82			
update-zipf_rang	1.40	0.82			
write-only_range	1.29	0.81			
o2nofp_pgouse					
	min	max	avg	median	stdev
point-1	1.11	1.35	1.18	1.14	0.09
point-2	1.11	1.30	1.19	1.14	0.09
range-1	1.12	1.36	1.28	1.34	0.10
range-2	1.10	1.32	1.23	1.27	0.10
writes	1.19	1.40	1.32	1.32	0.07
osnofp					
	min	max	avg	median	stdev
point-1	0.72	0.82	0.79	0.81	0.04
point-2	0.82	0.84	0.83	0.83	0.01
range-1	0.61	0.79	0.75	0.76	0.05
range-2	0.81	0.84	0.83	0.83	0.01
writes	0.66	0.84	0.80	0.82	0.05

	o2nofp_pgouse	o2nofp_pgouse_	osnofp	osnofp_lto	
hot-points_range	1.24	1.55	0.77	0.74	
point-query.pre_r	1.42	1.73	0.78	0.78	
point-query_rang	1.41	1.72	0.78	0.78	
points-covered-p	1.18	1.35	0.85	0.83	
points-covered-p	1.18	1.35	0.84	0.83	
points-covered-si	1.20	1.39	0.81	0.79	
points-covered-si	1.21	1.37	0.82	0.80	
points-notcovere	1.18	1.34	0.85	0.82	
points-notcovere	1.18	1.35	0.85	0.82	
points-notcovere	1.30	1.48	0.87	0.87	
points-notcovere	1.27	1.42	0.86	0.86	
	o2nofp_pgouse	o2nofp_pgouse_	osnofp	osnofp_lto	
random-points.pr	1.17	1.29	0.85	0.83	
random-points.pr	1.18	1.33	0.85	0.82	
random-points.pr	1.35	1.62	0.81	0.79	
random-points_ra	1.16	1.30	0.85	0.82	
random-points_ra	1.17	1.33	0.85	0.82	
random-points_ra	1.35	1.61	0.81	0.78	
	o2nofp_pgouse	o2nofp_pgouse_	osnofp	osnofp_lto	
range-covered-pl	1.36	1.65	0.75	0.72	
range-covered-pl	1.37	1.66	0.75	0.72	
range-covered-si	1.39	1.69	0.75	0.72	
range-covered-si	1.38	1.69	0.74	0.72	
range-notcovere	1.36	1.61	0.75	0.71	
range-notcovere	1.36	1.61	0.75	0.71	
range-notcovere	1.17	1.31	0.83	0.82	
range-notcovere	1.17	1.32	0.84	0.82	
scan_range=100	1.13	1.33	0.64	0.59	
	o2nofp_pgouse	o2nofp_pgouse_	osnofp	osnofp_lto	
read-only.pre_rar	1.09	1.16	0.81	0.76	
read-only.pre_rar	1.32	1.52	0.78	0.76	
read-only.pre_rar	1.38	1.65	0.80	0.79	
read-only_range=	1.09	1.15	0.81	0.76	
read-only_range=	1.32	1.53	0.79	0.76	
read-only_range=	1.38	1.65	0.81	0.79	
	o2nofp_pgouse	o2nofp_pgouse_	osnofp	osnofp_lto	
delete_range=10	1.44	1.83	0.81	0.81	
insert_range=100	1.36	1.66	0.81	0.81	
read-write_range	1.34	1.58	0.80	0.78	
read-write_range	1.37	1.64	0.80	0.79	
update-index_rar	1.19	1.37	0.68	0.65	
update-inlist_ran	1.25	1.46	0.82	0.80	

	min	max	avg	median	stdev
update-nonindex	1.40	1.76	0.82	0.82	
update-one_rang	1.40	1.77	0.81	0.81	
update-zipf_rang	1.40	1.76	0.82	0.81	
write-only_range	1.33	1.58	0.79	0.78	
PGO	min	max	avg	median	stdev
point-1	1.18	1.42	1.25	1.21	0.09
point-2	1.16	1.35	1.23	1.18	0.09
range-1	1.13	1.39	1.30	1.36	0.11
range-2	1.09	1.38	1.26	1.32	0.14
writes	1.19	1.44	1.35	1.37	0.08
PGO + LTO	min	max	avg	median	stdev
point-1	1.34	1.73	1.46	1.39	0.15
point-2	1.29	1.62	1.41	1.33	0.16
range-1	1.31	1.69	1.54	1.61	0.17
range-2	1.15	1.65	1.44	1.53	0.23
writes	1.37	1.83	1.64	1.65	0.15
-Os	min	max	avg	median	stdev
point-1	0.77	0.87	0.83	0.84	0.04
point-2	0.81	0.85	0.84	0.85	0.02
range-1	0.64	0.84	0.76	0.75	0.06
range-2	0.78	0.81	0.80	0.81	0.01
writes	0.68	0.82	0.80	0.81	0.04
osnofp_lto	min	max	avg	median	stdev
point-1	0.74	0.87	0.81	0.82	0.04
point-2	0.78	0.83	0.81	0.82	0.02
range-1	0.59	0.82	0.73	0.72	0.07
range-2	0.76	0.79	0.77	0.76	0.02
writes	0.65	0.82	0.79	0.81	0.05

	o2nofp_lto	o2nofp_pgouse	osnofp		
hot-points_range	1.05	1.28	0.71		
point-query.pre_r	1.11	1.51	0.78		
point-query_rang	1.09	1.50	0.77		
points-covered-p	1.05	1.17	0.73		
points-covered-p	1.03	1.19	0.75		
points-covered-si	1.07	1.19	0.70		
points-covered-si	1.15	1.20	0.68		
points-notcovere	1.05	1.19	0.76		
points-notcovere	1.05	1.20	0.77		
points-notcovere	1.08	1.24	0.82		
points-notcovere	1.05	1.16	0.71		
	o2nofp_lto	o2nofp_pgouse	osnofp		
random-points.pr	1.05	1.17	0.76		
random-points.pr	1.06	1.18	0.75		
random-points.pr	1.08	1.36	0.81		
random-points_ra	1.03	1.16	0.77		
random-points_ra	1.03	1.19	0.74		
random-points_ra	1.05	1.33	0.81		
	o2nofp_lto	o2nofp_pgouse	osnofp		
range-covered-pl	1.06	1.40	0.76		
range-covered-pl	1.03	1.35	0.76		
range-covered-si	1.06	1.38	0.75		
range-covered-si	1.04	1.36	0.74		
range-notcovere	1.06	1.37	0.76		
range-notcovere	1.03	1.34	0.75		
range-notcovere	1.06	1.22	0.74		
range-notcovere	1.04	1.19	0.73		
scan_range=100	0.95	1.17	0.62		
	o2nofp_lto	o2nofp_pgouse	osnofp		
read-only.pre_rar	1.03	1.17	0.77		
read-only.pre_rar	1.08	1.39	0.79		
read-only.pre_rar	1.08	1.41	0.80		
read-only_range	1.02	1.14	0.76		
read-only_range	1.03	1.35	0.78		
read-only_range	1.06	1.41	0.80		
	o2nofp_lto	o2nofp_pgouse	osnofp		
delete_range=10	1.07	1.42	0.82		
insert_range=100	1.07	1.41	0.82		
read-write_range	1.05	1.33	0.80		
read-write_range	1.05	1.38	0.81		
update-index_rar	1.05	1.38	0.82		
update-inlist_ran	1.06	1.26	0.83		

update-nonindex	1.06	1.40	0.83		
update-one_rang	1.07	1.41	0.83		
update-zipf_rang	1.06	1.39	0.83		
write-only_range	1.06	1.36	0.83		
o2nofp_lto	min	max	avg	median	stdev
point-1	1.03	1.15	1.07	1.05	0.03
point-2	1.03	1.08	1.05	1.05	0.02
range-1	0.95	1.06	1.04	1.04	0.04
range-2	1.02	1.08	1.05	1.05	0.03
writes	1.05	1.07	1.06	1.06	0.01
o2nofp_pgouse_	min	max	avg	median	stdev
point-1	1.16	1.51	1.26	1.20	0.13
point-2	1.16	1.36	1.23	1.19	0.09
range-1	1.17	1.40	1.31	1.35	0.09
range-2	1.14	1.41	1.31	1.37	0.12
writes	1.26	1.42	1.37	1.39	0.05
osnofp	min	max	avg	median	stdev
point-1	0.68	0.82	0.74	0.75	0.04
point-2	0.74	0.81	0.77	0.77	0.03
range-1	0.62	0.76	0.73	0.75	0.04
range-2	0.76	0.80	0.78	0.79	0.02
writes	0.80	0.83	0.82	0.83	0.01

	5.6.51	5.7.10	5.7.27	5.7.44	8.0.11	8.0.28	8.0.37
hot-points_range	0.99	0.83	0.82	0.86	0.78	0.59	0.66
point-query.pre_r	1.00	0.89	0.85	0.87	0.78	0.73	0.70
point-query_rang	1.00	0.89	0.86	0.87	0.77	0.74	0.70
points-covered-p	1.00	0.83	0.82	0.87	0.81	0.68	0.70
points-covered-p	0.99	0.82	0.82	0.87	0.81	0.68	0.70
points-covered-si	1.01	0.87	0.86	0.91	0.83	0.76	0.78
points-covered-si	1.00	0.87	0.86	0.92	0.83	0.76	0.78
points-notcovere	1.00	0.84	0.83	0.88	0.81	0.68	0.71
points-notcovere	1.00	0.84	0.84	0.89	0.81	0.69	0.71
points-notcovere	1.00	0.84	0.83	0.91	0.81	0.67	0.67
points-notcovere	1.00	0.84	0.83	0.90	0.77	0.66	0.69
	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	0.95	0.95	1.02	0.93	0.38	0.83
random-points.pr	0.99	0.84	0.84	0.88	0.82	0.69	0.71
random-points.pr	1.02	0.87	0.85	0.86	0.79	0.75	0.70
random-points_ra	0.99	0.94	0.94	1.02	0.90	0.37	0.83
random-points_ra	0.99	0.84	0.84	0.88	0.81	0.69	0.71
random-points_ra	1.01	0.86	0.85	0.86	0.78	0.75	0.70
	5.6.51	5.7.10	5.7.27	5.7.44	8.0.11	8.0.28	8.0.37
range-covered-pl	1.01	0.89	0.87	0.84	0.82	0.74	0.69
range-covered-pl	1.00	0.87	0.86	0.83	0.80	0.73	0.68
range-covered-si	1.02	0.88	0.86	0.84	0.82	0.76	0.70
range-covered-si	1.02	0.87	0.86	0.84	0.81	0.76	0.70
range-notcovere	1.01	0.89	0.87	0.85	0.77	0.72	0.67
range-notcovere	1.00	0.89	0.86	0.84	0.77	0.72	0.67
range-notcovere	1.01	0.83	0.82	0.88	0.80	0.78	0.71
range-notcovere	1.01	0.83	0.82	0.88	0.80	0.79	0.71
scan_range=100	1.01	0.99	0.91	0.90	0.95	0.89	0.69
	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	1.27	1.26	1.23	1.17	1.02	0.98
read-only.pre_rar	1.00	1.00	0.99	0.99	0.93	0.88	0.82
read-only.pre_rar	1.00	0.92	0.90	0.90	0.84	0.79	0.74
read-only_range=	1.00	1.26	1.25	1.23	1.17	1.01	0.97
read-only_range=	1.00	1.00	0.99	0.99	0.93	0.87	0.82
read-only_range=	1.00	0.92	0.91	0.91	0.84	0.80	0.75
	5.6.51	5.7.10	5.7.27	5.7.44	8.0.11	8.0.28	8.0.37
delete_range=10	0.98	0.85	0.81	0.82	0.77	0.65	0.60
insert_range=100	1.00	0.87	0.83	0.82	0.72	0.63	0.57
read-write_range	0.99	0.99	0.97	0.97	0.90	0.84	0.78
read-write_range	1.00	0.93	0.91	0.91	0.84	0.78	0.72
update-index_rar	1.00	1.29	1.26	1.17	1.33	1.13	0.97
update-inlist_rang	0.97	0.90	1.00	1.02	0.89	0.81	0.74
update-nonindex	1.00	0.87	0.85	0.86	0.79	0.67	0.62
update-one_rang	0.98	0.87	0.84	0.85	0.79	0.66	0.61
update-zipf_rang	0.99	0.87	0.84	0.85	0.79	0.67	0.62
write-only_range	0.99	0.95	0.93	0.92	0.84	0.77	0.69
5.7.44	min	max	avg	median	stdev		
point-1	0.86	0.92	0.89	0.88	0.02		
point-2	0.86	1.02	0.92	0.88	0.08		

	min	max	avg	median	stdev		
range-1	0.83	0.90	0.86	0.84	0.02		
range-2	0.90	1.23	1.04	0.99	0.15		
writes	0.82	1.17	0.92	0.89	0.11		
8.0.37	min	max	avg	median	stdev		
point-1	0.66	0.78	0.71	0.70	0.04		
point-2	0.70	0.83	0.75	0.71	0.06		
range-1	0.67	0.71	0.69	0.69	0.02		
range-2	0.74	0.98	0.85	0.82	0.11		
writes	0.57	0.97	0.69	0.66	0.12		

	5.6.51	5.7.44	8.0.37		
hot-points_range	0.99	0.89	0.67		
point-query.pre_r	1.00	0.88	0.75		
point-query_rang	0.99	0.88	0.74		
points-covered-p	1.01	0.88	0.74		
points-covered-p	1.00	0.88	0.74		
points-covered-si	1.00	0.92	0.81		
points-covered-si	0.99	0.91	0.82		
points-notcovere	1.00	0.90	0.76		
points-notcovere	1.00	0.90	0.75		
points-notcovere	1.00	0.91	0.79		
points-notcovere	1.00	0.90	0.78		
	5.6.51	5.7.44	8.0.37		
random-points.pr	0.98	1.00	0.85		
random-points.pr	1.00	0.90	0.75		
random-points.pr	0.99	0.89	0.75		
random-points_ra	1.00	1.02	0.87		
random-points_ra	1.00	0.90	0.75		
random-points_ra	0.99	0.89	0.75		
	5.6.51	5.7.44	8.0.37		
range-covered-pl	0.98	0.88	0.73		
range-covered-pl	0.99	0.87	0.73		
range-covered-si	0.99	0.86	0.74		
range-covered-si	0.99	0.85	0.73		
range-notcovere	0.99	0.89	0.72		
range-notcovere	1.00	0.88	0.72		
range-notcovere	1.00	0.88	0.74		
range-notcovere	1.00	0.88	0.74		
scan_range=100	0.91	0.81	0.58		
	5.6.51	5.7.44	8.0.37		
read-only.pre_ra	0.99	1.31	1.02		
read-only.pre_ra	1.00	1.04	0.90		
read-only.pre_ra	1.00	0.94	0.81		
read-only_range=	1.00	1.31	1.02		
read-only_range=	0.99	1.04	0.90		
read-only_range=	1.00	0.93	0.80		
	5.6.51	5.7.44	8.0.37		
delete_range=10	1.00	0.90	0.68		
insert_range=100	0.97	0.85	0.61		
read-write_range	1.00	1.05	0.87		
read-write_range	1.00	0.95	0.78		
update-index_ra	1.00	1.23	1.02		
update-inlist_ran	1.03	1.14	0.83		

update-nonindex	0.99	0.93	0.68		
update-one_rang	1.02	0.95	0.69		
update-zipf_rang	1.02	0.96	0.70		
write-only_range	1.03	0.99	0.77		
5.7.44	min	max	avg	median	stdev
point-1	0.88	0.92	0.90	0.90	0.01
point-2	0.89	1.02	0.93	0.90	0.06
range-1	0.81	0.89	0.87	0.88	0.02
range-2	0.93	1.31	1.10	1.04	0.17
writes	0.85	1.23	1.00	0.96	0.11
8.0.37	min	max	avg	median	stdev
point-1	0.67	0.82	0.76	0.75	0.04
point-2	0.75	0.87	0.79	0.75	0.06
range-1	0.58	0.74	0.71	0.73	0.05
range-2	0.80	1.02	0.91	0.90	0.10
writes	0.61	1.02	0.76	0.74	0.12