

	trunk	v1	v2	v3	v4	max	v1 vs trunk speedup	V2 vs trunk speedup
Second Modified								
insert1	50.147	52.204	45.231	50.807	51.664	52.204	1.04	0.90
insert2	24.515	24.853	24.465	25.04	24.836	25.04	1.01	1.00
insert3	15.543	16.083	16.2	16.777	16.81	16.81	1.03	1.04
insert4	11.541	12.558	12.145	12.442	12.433	12.558	1.09	1.05
insert5	9.053	9.612	9.705	10.128	9.873	10.128	1.06	1.07
insert6	6.941	8.312	8.204	8.264	7.864	8.312	1.20	1.18
insert7	6.361	7.05	7.056	5.951	6.987	7.056	1.11	1.11
insert8	5.602	5.728	5.693	5.865	5.995	5.995	1.02	1.02
insert9	4.922	4.521	3.908	4.513	4.542	4.922	0.92	0.79
insert10	4.34	4.033	3.658	3.966	4.043	4.34	0.93	0.84
insert11	3.948	3.609	3.341	3.612	3.662	3.948	0.91	0.85
insert12	3.561	3.281	3.08	3.258	3.31	3.561	0.92	0.86
insert13	3.228	2.986	2.763	2.98	3.036	3.228	0.93	0.86
insert14	2.859	2.584	2.604	2.618	2.744	2.859	0.90	0.91
insert15	2.748	2.517	2.441	2.41	2.538	2.748	0.92	0.89
bulk_insert0	57.812	56.259	57.021	58.71	59.028	59.028	0.97	0.99
bulk_insert1	5.099	10.591	8.927	10.283	9.266	10.591	2.08	1.75
bulk_insert2	5.015	9.311	8.836	9.229	8.646	9.311	1.86	1.76
bulk_insert3	4.638	7.985	8.116	7.955	8.022	8.116	1.72	1.75
bulk_insert4	4.405	7.639	7.556	7.328	7.387	7.639	1.73	1.72
bulk_insert5	4.137	6.873	6.981	6.717	6.86	6.981	1.66	1.69
bulk_insert6	3.996	6.588	6.539	6.088	6.445	6.588	1.65	1.64
bulk_insert7	3.84	6.058	6.075	5.607	5.993	6.075	1.58	1.58
bulk_insert8	2.943	5.665	5.669	5.244	5.642	5.669	1.92	1.93
bulk_insert9	2.821	2.776	2.732	2.772	2.698	2.821	0.98	0.97
bulk_insert10	2.732	2.695	2.691	2.646	2.593	2.732	0.99	0.98
bulk_insert11	2.625	2.625	2.613	2.61	2.56	2.625	1.00	1.00
bulk_insert12	2.567	2.553	2.513	2.552	2.497	2.567	0.99	0.98
bulk_insert13	2.49	2.523	2.49	2.476	2.397	2.523	1.01	1.00
bulk_insert14	2.441	2.453	2.434	2.424	2.372	2.453	1.00	1.00
bulk_insert15	2.397	2.383	2.398	2.362	2.322	2.398	0.99	1.00
First Modified								
insert1	50.291	50.11	50.824	48.93	50.14	50.824		1.01
insert2	24.742	25.916	24.841	25.414	25.118	25.916		1.00
insert3	15.359	17.087	16.43	16.811	16.477	17.087		1.07
insert4	11.702	12.607	12.863	12.109	12.016	12.863		1.10
insert5	9.26	10.021	10.007	10.109	9.989	10.109		1.08
insert6	7.585	8.342	8.399	8.231	8.153	8.399		1.11
insert7	6.396	6.624	7.138	7.183	6.935	7.183		1.12
insert8	5.566	6.239	5.479	5.386	6.022	6.239		0.98
insert9	4.913	4.486	4.469	4.499	4.153	4.913		0.91
insert10	4.317	4.021	3.983	3.769	4.052	4.317		0.92
insert11	3.69	3.58	3.57	3.587	3.677	3.69		0.97
insert12	2.855	3.052	3.056	3.133	3.3	3.3		1.07
insert13	3.225	2.963	2.921	2.969	3.041	3.225		0.91
insert14	2.941	2.694	2.596	2.622	2.457	2.941		0.88
insert15	2.741	2.54	2.424	2.511	2.47	2.741		0.88
bulk_insert0	59.292	59.452	57.039	58.702	57.163	59.452		0.96
bulk_insert1	5.187	10.503	10.568	9.829	9.781	10.568		2.04
bulk_insert2	5.041	9.06	9.387	9.201	8.494	9.387		1.86
bulk_insert3	4.683	8.439	8.337	8.221	7.998	8.439		1.78
bulk_insert4	4.451	7.872	7.889	7.302	7.346	7.889		1.77
bulk_insert5	4.139	7.101	7.424	6.703	6.789	7.424		1.79
bulk_insert6	3.9	6.442	6.786	6.107	6.448	6.786		1.74
bulk_insert7	3.827	6.127	6.454	5.521	6.03	6.454		1.69
bulk_insert8	2.933	5.632	6.075	5.236	5.608	6.075		2.07
bulk_insert9	2.784	2.792	2.796	2.645	2.734	2.796		1.00
bulk_insert10	2.693	2.688	2.722	2.662	2.613	2.722		1.01
bulk_insert11	2.616	2.59	2.644	2.588	2.565	2.644		1.01
bulk_insert12	2.587	2.565	2.575	2.535	2.488	2.587		1.00
bulk_insert13	2.474	2.506	2.488	2.457	2.406	2.506		1.01

bulk_insert14	2.469	2.451	2.462	2.435	2.355	2.469	1.00
bulk_insert15	2.394	2.385	2.408	2.394	2.315	2.408	1.01
			Original version				
insert1	48.693	48.022	44.679	47.266	48.394	48.693	
insert2	24.496	22.58	22.791	22.584	23.376	24.496	
insert3	15.067	15.108	15.047	15.054	14.767	15.108	
insert4	11.47	11.327	10.618	10.89	11.019	11.47	
insert5	8.969	8.996	8.491	9.171	9.058	9.171	
insert6	7.618	7.562	7.403	7.675	7.731	7.731	
insert7	6.42	6.139	6.543	6.455	6.109	6.543	
insert8	5.59	4.551	4.546	4.52	4.473	5.59	
insert9	4.943	4.027	3.98	4.035	3.978	4.943	
insert10	4.351	3.601	3.582	3.585	3.387	4.351	
insert11	3.907	3.252	3.123	3.243	3.149	3.907	
insert12	3.556	2.931	2.918	2.947	2.867	3.556	
insert13	3.121	2.673	2.689	2.647	2.677	3.121	
insert14	2.959	2.431	2.504	2.5	2.457	2.959	
insert15	2.749	2.284	2.309	2.302	2.289	2.749	
bulk_insert0	48.319	45.795	47.192	47.771	45.874	48.319	
bulk_insert1	5.33	9.593	9.025	9.509	8.942	9.593	
bulk_insert2	4.966	8.441	8.603	8.568	8.206	8.603	
bulk_insert3	4.635	7.304	7.937	7.78	7.414	7.937	
bulk_insert4	4.221	6.941	7.428	7.139	6.992	7.428	
bulk_insert5	3.965	5.846	6.756	6.564	6.672	6.756	
bulk_insert6	3.96	6.04	6.465	6.023	5.855	6.465	
bulk_insert7	3.748	5.586	6.07	5.72	5.873	6.07	
bulk_insert8	2.861	5.247	5.394	5.305	5.531	5.531	
bulk_insert9	2.771	2.761	2.657	2.671	2.729	2.771	
bulk_insert10	2.651	2.617	2.639	2.607	2.628	2.651	
bulk_insert11	2.558	2.479	2.558	2.566	2.464	2.566	
bulk_insert12	2.49	2.507	2.523	2.499	2.423	2.523	
bulk_insert13	2.474	2.324	2.408	2.443	2.351	2.474	
bulk_insert14	2.404	2.392	2.415	2.418	2.393	2.418	
bulk_insert15	2.364	2.309	2.372	2.368	2.355	2.372	