

# Libpll sequential benchmarks

January 9, 2017

- node : node index (post order traversal)
- depth : node depth from the virtual root
- lsize : recursive number of children under the left child node
- rsize : recursive number of children under the right child node
- psize : number of unique (not repeating) sites on the current node
- lsize : number of unique (not repeating) sites on the left child node
- rsize : number of unique (not repeating) sites on the right child node
- repeats : runtime for 500 updatepartials on the node
- TCLV opt : runtime for 500 updatepartials on the node with left and right TCLV

## 1 dataset 404

node	psrsize	lrsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node0	24	5	6	14ms	15ms	9ms	9ms
node1	21	5	7	13ms	14ms	10ms	9ms
node2	28	5	21	15ms	14ms	13ms	14ms
node3	65	28	8	28ms	23ms	18ms	25ms
node4	98	65	7	38ms	30ms	28ms	30ms
node5	17	6	5	11ms	12ms	9ms	12ms
node6	18	5	17	12ms	12ms	12ms	11ms
node7	23	5	18	13ms	12ms	12ms	12ms
node8	13	5	5	11ms	11ms	9ms	11ms
node9	11	5	5	9ms	10ms	9ms	10ms
node10	20	5	11	12ms	12ms	10ms	11ms
node11	38	13	20	18ms	20ms	16ms	20ms
node12	51	5	38	23ms	20ms	21ms	19ms
node13	83	23	51	34ms	32ms	27ms	31ms
node14	194	98	83	72ms	82ms	62ms	82ms
node15	246	24	194	100ms	69ms	70ms	70ms
node16	267	6	246	95ms	69ms	84ms	69ms
node17	273	6	267	97ms	70ms	86ms	71ms
node18	273	5	273	96ms	70ms	86ms	71ms
node19	22	5	5	13ms	15ms	9ms	9ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node20	23	5	5	15ms	15ms	9ms	9ms
node21	25	5	5	17ms	15ms	9ms	9ms
node22	120	23	25	55ms	53ms	21ms	21ms
node23	272	22	120	101ms	76ms	50ms	76ms
node24	341	5	272	120ms	86ms	86ms	86ms
node25	22	5	5	13ms	14ms	9ms	9ms
node26	63	5	22	27ms	21ms	14ms	21ms
node27	76	5	63	32ms	25ms	25ms	25ms
node28	17	6	5	11ms	12ms	9ms	12ms
node29	37	5	17	18ms	15ms	12ms	16ms
node30	24	5	6	14ms	15ms	9ms	10ms
node31	35	24	5	17ms	15ms	15ms	15ms
node32	131	37	35	50ms	57ms	29ms	28ms
node33	23	6	5	13ms	14ms	10ms	10ms
node34	43	6	23	20ms	18ms	15ms	19ms
node35	55	5	43	28ms	20ms	21ms	20ms
node36	16	5	5	11ms	13ms	9ms	9ms
node37	29	16	5	15ms	14ms	13ms	14ms
node38	111	55	29	44ms	49ms	31ms	51ms
node39	120	5	111	51ms	37ms	40ms	36ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node40	281	131	120	100ms	117ms	91ms	115ms
node41	421	76	281	148ms	129ms	130ms	127ms
node42	927	341	421	325ms	372ms	239ms	372ms
node43	21	6	5	13ms	14ms	9ms	9ms
node44	46	5	21	21ms	19ms	14ms	18ms
node45	17	5	5	11ms	12ms	10ms	10ms
node46	10	5	5	9ms	9ms	9ms	10ms
node47	25	5	5	14ms	15ms	9ms	9ms
node48	69	5	25	29ms	25ms	15ms	23ms
node49	179	10	69	66ms	54ms	33ms	50ms
node50	185	5	179	70ms	56ms	58ms	50ms
node51	215	17	185	80ms	61ms	64ms	61ms
node52	25	5	5	14ms	17ms	9ms	9ms
node53	466	215	25	165ms	136ms	82ms	121ms
node54	704	46	466	245ms	195ms	204ms	182ms
node55	796	6	704	275ms	209ms	214ms	191ms
node56	25	5	5	14ms	16ms	9ms	9ms
node57	22	5	5	13ms	14ms	9ms	9ms
node58	57	5	22	25ms	21ms	14ms	20ms
node59	14	6	5	10ms	12ms	9ms	11ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node60	23	5	5	13ms	15ms	9ms	9ms
node61	69	14	23	29ms	32ms	17ms	18ms
node62	9	5	5	9ms	9ms	8ms	9ms
node63	35	5	9	17ms	19ms	10ms	11ms
node64	87	5	35	35ms	27ms	21ms	28ms
node65	212	69	87	78ms	88ms	57ms	88ms
node66	228	5	212	84ms	59ms	69ms	60ms
node67	29	9	5	16ms	17ms	11ms	11ms
node68	19	5	5	12ms	13ms	9ms	9ms
node69	106	29	19	42ms	48ms	21ms	21ms
node70	15	5	5	11ms	12ms	9ms	9ms
node71	146	106	15	56ms	48ms	42ms	43ms
node72	434	228	146	158ms	177ms	135ms	177ms
node73	449	5	434	167ms	123ms	131ms	112ms
node74	522	57	449	185ms	145ms	177ms	144ms
node75	555	5	522	191ms	141ms	174ms	136ms
node76	638	5	555	224ms	155ms	169ms	157ms
node77	24	5	5	14ms	15ms	9ms	9ms
node78	23	5	5	13ms	14ms	9ms	9ms
node79	60	5	23	28ms	21ms	15ms	21ms

node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node80	212	24	60	84ms	62ms	34ms	36ms
node81	17	6	5	11ms	12ms	9ms	12ms
node82	33	5	17	17ms	15ms	13ms	14ms
node83	24	5	5	14ms	15ms	9ms	9ms
node84	17	5	5	11ms	12ms	9ms	9ms
node85	27	17	5	15ms	14ms	12ms	13ms
node86	40	5	27	19ms	17ms	15ms	16ms
node87	56	40	5	25ms	20ms	19ms	20ms
node88	20	5	5	12ms	13ms	9ms	9ms
node89	82	56	20	33ms	31ms	29ms	31ms
node90	8	5	5	8ms	9ms	9ms	9ms
node91	18	5	5	12ms	13ms	9ms	9ms
node92	37	8	18	18ms	16ms	13ms	16ms
node93	13	5	5	10ms	11ms	9ms	11ms
node94	16	5	5	12ms	12ms	9ms	9ms
node95	9	5	5	9ms	11ms	8ms	10ms
node96	38	16	9	19ms	21ms	13ms	21ms
node97	54	5	38	24ms	19ms	18ms	19ms
node98	73	5	54	30ms	24ms	23ms	24ms
node99	96	13	73	39ms	31ms	30ms	31ms

node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node100	145	37	96	55ms	49ms	45ms	51ms
node101	220	82	145	81ms	91ms	70ms	92ms
node102	331	24	220	116ms	88ms	78ms	88ms
node103	19	5	5	12ms	13ms	9ms	9ms
node104	17	5	5	11ms	12ms	9ms	9ms
node105	22	5	5	13ms	14ms	9ms	9ms
node106	14	5	5	10ms	11ms	9ms	11ms
node107	33	5	14	17ms	14ms	12ms	15ms
node108	46	5	33	21ms	18ms	18ms	18ms
node109	12	5	5	10ms	11ms	9ms	10ms
node110	15	5	5	11ms	12ms	9ms	9ms
node111	46	15	5	23ms	17ms	12ms	12ms
node112	62	12	46	27ms	23ms	22ms	23ms
node113	108	46	62	42ms	49ms	40ms	48ms
node114	146	5	108	56ms	41ms	39ms	41ms
node115	149	5	146	63ms	41ms	49ms	42ms
node116	189	5	149	77ms	51ms	51ms	66ms
node117	20	5	5	13ms	13ms	9ms	9ms
node118	256	189	20	96ms	70ms	71ms	77ms
node119	336	22	256	133ms	91ms	88ms	91ms

node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node120	344	5	336	123ms	89ms	104ms	86ms
node121	372	17	344	131ms	99ms	113ms	96ms
node122	15	5	5	11ms	12ms	9ms	9ms
node123	20	5	15	12ms	12ms	11ms	12ms
node124	18	5	5	12ms	13ms	9ms	9ms
node125	49	20	18	22ms	25ms	17ms	25ms
node126	66	5	49	28ms	22ms	23ms	22ms
node127	480	372	66	168ms	137ms	134ms	138ms
node128	535	19	480	187ms	134ms	151ms	135ms
node129	948	331	535	326ms	380ms	280ms	380ms
node130	1004	33	948	346ms	253ms	293ms	247ms
node131	1041	5	1004	366ms	261ms	298ms	265ms
node132	1379	212	1041	478ms	405ms	400ms	406ms
node133	24	5	5	14ms	15ms	9ms	9ms
node134	50	5	24	22ms	18ms	14ms	18ms
node135	70	5	50	29ms	24ms	25ms	24ms
node136	16	5	5	11ms	12ms	9ms	9ms
node137	13	5	5	10ms	11ms	9ms	11ms
node138	39	16	13	19ms	21ms	14ms	21ms
node139	56	39	5	25ms	20ms	22ms	20ms

node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node140	159	70	56	59ms	68ms	45ms	68ms
node141	24	5	5	14ms	18ms	9ms	9ms
node142	250	159	24	92ms	72ms	68ms	69ms
node143	1768	1379	250	605ms	490ms	493ms	489ms
node144	1774	5	1768	603ms	417ms	527ms	420ms
node145	1863	5	1774	634ms	444ms	529ms	443ms
node146	2448	638	1863	846ms	768ms	771ms	763ms
node147	21	8	5	13ms	15ms	10ms	14ms
node148	43	21	6	20ms	17ms	14ms	17ms
node149	82	43	5	33ms	26ms	23ms	26ms
node150	2574	2448	82	882ms	635ms	759ms	635ms
node151	21	5	5	13ms	14ms	9ms	9ms
node152	62	21	5	26ms	21ms	16ms	21ms
node153	125	5	62	48ms	36ms	31ms	36ms
node154	226	5	125	81ms	59ms	46ms	59ms
node155	25	5	5	14ms	17ms	9ms	9ms
node156	14	5	5	10ms	12ms	9ms	11ms
node157	58	25	14	25ms	28ms	18ms	28ms
node158	26	6	5	14ms	16ms	9ms	10ms
node159	25	11	5	14ms	13ms	10ms	13ms

node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node160	25	5	5	14ms	16ms	9ms	9ms
node161	24	5	5	14ms	16ms	9ms	9ms
node162	24	5	5	14ms	15ms	9ms	9ms
node163	40	5	24	19ms	17ms	14ms	16ms
node164	101	40	5	41ms	30ms	23ms	30ms
node165	189	6	101	69ms	51ms	38ms	51ms
node166	23	5	5	14ms	14ms	9ms	9ms
node167	64	23	5	28ms	22ms	14ms	22ms
node168	364	189	64	127ms	109ms	89ms	110ms
node169	399	364	5	139ms	99ms	114ms	99ms
node170	431	5	399	153ms	108ms	122ms	107ms
node171	524	24	431	187ms	136ms	147ms	135ms
node172	560	5	524	192ms	135ms	169ms	138ms
node173	675	25	560	236ms	172ms	183ms	171ms
node174	729	25	675	256ms	184ms	209ms	182ms
node175	740	5	729	256ms	176ms	218ms	178ms
node176	25	5	5	14ms	15ms	9ms	9ms
node177	68	25	5	29ms	23ms	15ms	23ms
node178	24	5	5	14ms	15ms	9ms	9ms
node179	54	24	5	24ms	19ms	15ms	19ms

node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node180	236	68	54	85ms	99ms	52ms	47ms
node181	1009	740	236	348ms	305ms	292ms	306ms
node182	1021	1009	5	353ms	245ms	298ms	245ms
node183	25	5	5	14ms	15ms	9ms	9ms
node184	82	25	5	34ms	26ms	15ms	15ms
node185	1197	1021	82	414ms	308ms	343ms	313ms
node186	1240	26	1197	426ms	304ms	367ms	304ms
node187	1279	5	1240	436ms	303ms	373ms	305ms
node188	1295	1279	5	439ms	306ms	376ms	305ms
node189	1334	8	1295	456ms	347ms	392ms	317ms
node190	1389	5	1334	475ms	368ms	403ms	334ms
node191	27	5	8	15ms	17ms	10ms	10ms
node192	22	5	5	13ms	15ms	9ms	9ms
node193	27	5	9	15ms	16ms	10ms	10ms
node194	58	6	27	25ms	21ms	16ms	21ms
node195	104	6	58	41ms	31ms	25ms	31ms
node196	23	5	6	13ms	14ms	10ms	10ms
node197	39	5	23	19ms	16ms	14ms	16ms
node198	59	7	39	26ms	21ms	19ms	21ms
node199	88	59	5	36ms	28ms	29ms	27ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node200	25	5	6	14ms	15ms	10ms	10ms
node201	65	25	5	28ms	22ms	15ms	22ms
node202	250	88	65	98ms	103ms	60ms	105ms
node203	29	11	6	16ms	17ms	11ms	17ms
node204	65	6	29	28ms	22ms	17ms	23ms
node205	386	250	65	135ms	113ms	98ms	117ms
node206	417	5	386	145ms	105ms	122ms	103ms
node207	538	104	417	192ms	161ms	171ms	166ms
node208	584	22	538	202ms	147ms	182ms	148ms
node209	645	27	584	225ms	181ms	186ms	167ms
node210	28	5	9	15ms	17ms	10ms	10ms
node211	34	12	6	17ms	16ms	11ms	15ms
node212	182	28	34	72ms	77ms	31ms	31ms
node213	29	10	5	15ms	14ms	12ms	14ms
node214	59	6	29	26ms	21ms	19ms	21ms
node215	93	59	6	37ms	29ms	25ms	29ms
node216	151	7	93	56ms	42ms	35ms	42ms
node217	169	5	151	62ms	46ms	51ms	46ms
node218	23	5	5	14ms	15ms	9ms	9ms
node219	46	6	23	21ms	18ms	16ms	18ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node220	29	8	6	15ms	17ms	10ms	10ms
node221	90	5	29	36ms	28ms	17ms	17ms
node222	245	46	90	90ms	103ms	52ms	102ms
node223	17	5	5	11ms	12ms	9ms	9ms
node224	56	5	17	25ms	25ms	13ms	14ms
node225	28	5	8	15ms	16ms	10ms	11ms
node226	97	28	12	40ms	33ms	19ms	20ms
node227	297	56	97	107ms	121ms	58ms	68ms
node228	328	5	297	116ms	83ms	95ms	83ms
node229	663	245	328	234ms	270ms	184ms	267ms
node230	686	5	663	236ms	165ms	212ms	170ms
node231	877	169	686	307ms	257ms	261ms	256ms
node232	882	5	877	300ms	209ms	260ms	211ms
node233	1258	182	882	434ms	356ms	389ms	350ms
node234	1267	5	1258	433ms	298ms	377ms	304ms
node235	1744	645	1267	620ms	703ms	617ms	803ms
node236	7429	1389	1744	2514ms	2916ms	1141ms	1130ms
node237	7429	5	7429	2492ms	1714ms	2244ms	1691ms
node238	7429	58	7429	2494ms	1730ms	2254ms	1722ms
node239	7429	226	7429	2499ms	1808ms	2303ms	1772ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node240	7429	5	7429	2490ms	1751ms	2252ms	1704ms
node241	25	5	5	15ms	15ms	9ms	9ms
node242	37	5	25	20ms	16ms	14ms	15ms
node243	17	5	5	13ms	13ms	9ms	9ms
node244	71	37	17	36ms	27ms	21ms	30ms
node245	139	5	71	53ms	39ms	32ms	39ms
node246	7429	7429	139	2513ms	1910ms	2284ms	1729ms
node247	7429	2574	7429	2525ms	2507ms	2972ms	2392ms
node248	25	5	5	14ms	16ms	9ms	9ms
node249	83	25	5	34ms	27ms	15ms	16ms
node250	25	5	5	15ms	15ms	10ms	9ms
node251	264	83	25	96ms	75ms	47ms	42ms
node252	7429	7429	264	2497ms	1938ms	2323ms	1770ms
node253	7429	25	7429	2497ms	1742ms	2263ms	1707ms
node254	24	5	5	14ms	15ms	9ms	9ms
node255	41	8	12	19ms	22ms	12ms	12ms
node256	25	5	5	14ms	15ms	9ms	9ms
node257	26	9	5	15ms	16ms	10ms	16ms
node258	45	26	6	22ms	18ms	15ms	18ms
node259	75	45	5	31ms	24ms	21ms	25ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node260	14	7	6	10ms	12ms	9ms	11ms
node261	23	5	14	14ms	13ms	11ms	12ms
node262	14	5	5	10ms	11ms	9ms	11ms
node263	18	5	5	12ms	13ms	9ms	9ms
node264	36	14	18	18ms	20ms	15ms	19ms
node265	47	36	5	21ms	19ms	20ms	19ms
node266	66	23	47	27ms	28ms	26ms	28ms
node267	25	5	8	15ms	15ms	10ms	10ms
node268	92	66	25	37ms	33ms	32ms	33ms
node269	12	5	5	10ms	10ms	9ms	10ms
node270	20	5	12	12ms	12ms	11ms	12ms
node271	29	20	5	15ms	14ms	13ms	14ms
node272	32	5	29	17ms	14ms	15ms	15ms
node273	15	5	5	11ms	11ms	9ms	10ms
node274	50	32	15	23ms	21ms	19ms	21ms
node275	20	6	8	12ms	13ms	10ms	13ms
node276	14	6	5	10ms	12ms	9ms	11ms
node277	19	6	14	12ms	12ms	13ms	14ms
node278	33	19	9	18ms	16ms	14ms	16ms
node279	57	20	33	26ms	28ms	23ms	28ms

node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node280	98	50	57	38ms	44ms	37ms	44ms
node281	107	6	98	41ms	32ms	35ms	32ms
node282	178	92	107	66ms	75ms	76ms	75ms
node283	190	178	6	72ms	51ms	58ms	51ms
node284	196	5	190	83ms	52ms	61ms	53ms
node285	200	5	196	87ms	54ms	62ms	55ms
node286	293	75	200	119ms	97ms	97ms	96ms
node287	436	5	293	152ms	107ms	103ms	107ms
node288	559	5	436	192ms	136ms	139ms	136ms
node289	666	25	559	231ms	169ms	176ms	172ms
node290	1098	41	666	377ms	271ms	223ms	274ms
node291	1383	8	1098	475ms	330ms	353ms	329ms
node292	1565	24	1383	541ms	385ms	428ms	381ms
node293	7429	7429	1565	2493ms	2280ms	2813ms	2114ms
node294	7429	796	7429	2492ms	1918ms	2480ms	1924ms
node295	37	8	10	19ms	20ms	11ms	11ms
node296	26	5	7	15ms	16ms	9ms	9ms
node297	24	5	5	14ms	15ms	9ms	9ms
node298	41	5	24	20ms	16ms	14ms	17ms
node299	24	5	5	14ms	15ms	9ms	9ms



node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node300	58	24	5	25ms	20ms	15ms	20ms
node301	174	41	58	65ms	74ms	36ms	36ms
node302	305	26	174	109ms	84ms	66ms	85ms
node303	21	5	6	13ms	16ms	9ms	9ms
node304	38	5	21	18ms	16ms	13ms	16ms
node305	16	6	5	11ms	14ms	9ms	12ms
node306	24	5	16	14ms	13ms	12ms	12ms
node307	34	5	24	17ms	15ms	14ms	15ms
node308	47	5	34	21ms	18ms	17ms	18ms
node309	13	5	5	10ms	11ms	9ms	11ms
node310	19	5	13	12ms	12ms	11ms	12ms
node311	27	7	7	14ms	16ms	10ms	10ms
node312	31	5	27	17ms	14ms	15ms	15ms
node313	73	5	31	30ms	25ms	17ms	25ms
node314	97	73	5	38ms	30ms	28ms	30ms
node315	151	6	97	58ms	42ms	38ms	44ms
node316	171	7	151	63ms	47ms	53ms	47ms
node317	236	19	171	84ms	66ms	64ms	65ms
node318	309	47	236	110ms	92ms	97ms	90ms
node319	18	5	5	12ms	13ms	9ms	9ms

node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node320	30	5	18	16ms	14ms	12ms	14ms
node321	51	6	30	23ms	20ms	16ms	19ms
node322	65	51	5	27ms	23ms	22ms	22ms
node323	424	309	65	151ms	125ms	135ms	124ms
node324	464	5	424	162ms	113ms	133ms	119ms
node325	14	5	6	10ms	11ms	9ms	12ms
node326	25	5	14	14ms	13ms	12ms	13ms
node327	536	464	25	185ms	140ms	164ms	137ms
node328	569	6	536	199ms	140ms	161ms	141ms
node329	739	38	569	254ms	188ms	189ms	189ms
node330	23	5	5	13ms	15ms	10ms	9ms
node331	25	5	5	14ms	15ms	9ms	9ms
node332	24	5	6	14ms	15ms	9ms	9ms
node333	46	24	5	22ms	18ms	14ms	18ms
node334	72	5	46	30ms	24ms	21ms	24ms
node335	98	72	6	40ms	31ms	28ms	30ms
node336	212	25	98	78ms	63ms	43ms	62ms
node337	30	5	9	16ms	18ms	10ms	10ms
node338	76	30	5	31ms	25ms	17ms	25ms
node339	25	5	5	14ms	16ms	9ms	9ms

node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node340	68	6	25	29ms	24ms	15ms	23ms
node341	26	6	5	15ms	16ms	9ms	9ms
node342	140	68	26	53ms	45ms	34ms	46ms
node343	244	76	140	88ms	101ms	69ms	102ms
node344	267	5	244	95ms	68ms	82ms	68ms
node345	22	5	6	13ms	14ms	9ms	9ms
node346	48	22	5	22ms	18ms	15ms	19ms
node347	65	48	6	27ms	22ms	21ms	23ms
node348	101	65	7	41ms	31ms	30ms	31ms
node349	416	267	101	145ms	130ms	115ms	197ms
node350	455	5	416	157ms	113ms	126ms	119ms
node351	701	212	455	248ms	229ms	205ms	235ms
node352	19	7	5	12ms	13ms	9ms	13ms
node353	35	5	19	18ms	17ms	13ms	15ms
node354	7	5	5	8ms	8ms	8ms	8ms
node355	25	6	7	14ms	16ms	10ms	10ms
node356	42	5	25	20ms	17ms	17ms	17ms
node357	47	5	42	21ms	18ms	20ms	18ms
node358	83	47	5	34ms	28ms	22ms	27ms
node359	15	6	5	11ms	12ms	10ms	11ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node360	122	83	15	48ms	38ms	34ms	38ms
node361	21	5	5	13ms	16ms	9ms	9ms
node362	51	21	6	23ms	20ms	14ms	19ms
node363	75	6	51	30ms	24ms	23ms	24ms
node364	101	75	5	39ms	30ms	32ms	30ms
node365	283	122	101	102ms	119ms	73ms	117ms
node366	373	35	283	133ms	102ms	98ms	103ms
node367	420	373	5	147ms	105ms	116ms	103ms
node368	473	5	420	163ms	118ms	130ms	118ms
node369	1117	701	473	387ms	493ms	347ms	445ms
node370	1195	23	1117	410ms	288ms	344ms	291ms
node371	9	5	5	9ms	9ms	8ms	9ms
node372	23	9	5	13ms	15ms	10ms	15ms
node373	17	5	5	11ms	12ms	9ms	9ms
node374	41	5	17	19ms	16ms	14ms	16ms
node375	81	41	5	34ms	26ms	23ms	33ms
node376	25	5	5	14ms	15ms	10ms	14ms
node377	182	81	25	67ms	61ms	45ms	95ms
node378	271	23	182	98ms	79ms	86ms	84ms
node379	25	5	5	15ms	15ms	9ms	9ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node380	69	6	25	30ms	23ms	18ms	24ms
node381	91	5	69	36ms	29ms	29ms	29ms
node382	466	271	91	164ms	139ms	122ms	143ms
node383	1553	1195	466	532ms	538ms	540ms	536ms
node384	1556	1553	6	530ms	366ms	457ms	368ms
node385	2211	739	1556	772ms	737ms	704ms	733ms
node386	2336	5	2211	793ms	558ms	672ms	554ms
node387	2372	5	2336	810ms	620ms	706ms	557ms
node388	2639	305	2372	919ms	791ms	897ms	719ms
node389	25	5	5	14ms	15ms	9ms	10ms
node390	2764	2639	25	956ms	749ms	801ms	687ms
node391	2963	37	2764	1030ms	795ms	879ms	721ms
node392	3006	5	2963	1033ms	774ms	1130ms	726ms
node393	7429	7429	3006	2510ms	2591ms	3095ms	2523ms
node394	7429	927	7429	2491ms	2069ms	2523ms	1956ms
node395	7429	7429	6	2492ms	1901ms	2236ms	1710ms
node396	17	5	5	11ms	13ms	9ms	9ms
node397	25	5	17	14ms	14ms	12ms	13ms
node398	7429	7429	25	2535ms	1736ms	2235ms	1712ms
node399	7429	7429	5	2483ms	1757ms	2235ms	1704ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node400	7429	6	7429	2485ms	1710ms	2242ms	1702ms
node401	7429	7429	5	2490ms	1747ms	2234ms	1702ms

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