Libpll sequential benchmarks

January 10, 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 play

node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node0	24	5	6	17ms	17ms	12ms	12ms
node1	21	5	7	16ms	16ms	12ms	12ms
node2	28	5	21	18ms	20ms	18ms	20ms
node3	65	28	8	32ms	35ms	22ms	22ms
node4	98	65	7	45ms	47ms	36ms	47ms
node5	17	6	5	14ms	14ms	12ms	12ms
node6	18	5	17	14ms	16ms	16ms	16ms
node7	23	5	18	16ms	18ms	17ms	18ms
node8	13	5	5	12ms	13ms	12ms	11ms
node9	11	5	5	12ms	12ms	12ms	11ms
node10	20	5	11	15ms	17ms	14ms	17ms
node11	38	13	20	22ms	22ms	21ms	22ms
node12	51	5	38	27ms	29ms	25ms	29ms
node13	83	23	51	40ms	48ms	37ms	48ms
node14	194	98	83	83ms	83ms	79ms	83ms
node15	246	24	194	103ms	111ms	95ms	111ms
node16	267	6	246	111ms	112ms	107ms	112ms
node17	273	6	267	114ms	114ms	115ms	114ms
node18	273	5	273	113ms	113ms	117ms	113ms
node19	22	5	5	16ms	16ms	12ms	12ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node20	23	5	5	16ms	16ms	12ms	12ms
node21	25	5	5	17ms	17ms	12ms	12ms
node22	120	23	25	54ms	54ms	28ms	28ms
node23	272	22	120	114ms	120ms	67ms	67ms
node24	341	5	272	140ms	140ms	118ms	140ms
node25	22	5	5	16ms	16ms	12ms	12ms
node26	63	5	22	32ms	33ms	19ms	19ms
node27	76	5	63	37ms	38ms	35ms	38ms
node28	17	6	5	14ms	14ms	12ms	12ms
node29	37	5	17	22ms	23ms	17ms	16ms
node30	24	5	6	17ms	17ms	12ms	12ms
node31	35	24	5	21ms	23ms	19ms	23ms
node32	131	37	35	58ms	58ms	37ms	37ms
node33	23	6	5	16ms	16ms	12ms	12ms
node34	43	6	23	24ms	26ms	19ms	26ms
node35	55	5	43	29ms	30ms	26ms	30ms
node36	16	5	5	14ms	14ms	12ms	11ms
node37	29	16	5	19ms	20ms	16ms	20ms
node38	111	55	29	51ms	51ms	41ms	41ms
node39	120	5	111	54ms	55ms	53ms	55ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node40	281	131	120	117ms	118ms	108ms	108ms
node41	421	76	281	172ms	198ms	151ms	198ms
node42	927	341	421	369ms	372ms	316ms	317ms
node43	21	6	5	15ms	16ms	12ms	12ms
node44	46	5	21	25ms	27ms	18ms	18ms
node45	17	5	5	14ms	14ms	12ms	12ms
node46	10	5	5	11ms	12ms	12ms	12ms
node47	25	5	5	17ms	17ms	12ms	12ms
node48	69	5	25	34ms	36ms	20ms	20ms
node49	179	10	69	78ms	80ms	41ms	41ms
node50	185	5	179	79ms	80ms	80ms	80ms
node51	215	17	185	91ms	96ms	88ms	96ms
node52	25	5	5	17ms	17ms	12ms	12ms
node53	466	215	25	188ms	195ms	108ms	108ms
node54	704	46	466	282ms	295ms	215ms	295ms
node55	796	6	704	320ms	314ms	290ms	314ms
node56	25	5	5	17ms	17ms	12ms	12ms
node57	22	5	5	16ms	16ms	12ms	12ms
node58	57	5	22	30ms	31ms	19ms	19ms
node59	14	6	5	13ms	13ms	12ms	12ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node60	23	5	5	16ms	16ms	12ms	12ms
node61	69	14	23	34ms	34ms	23ms	23ms
node62	9	5	5	11ms	11ms	11ms	11ms
node63	35	5	9	21ms	21ms	13ms	13ms
node64	87	5	35	41ms	42ms	24ms	24ms
node65	212	69	87	90ms	91ms	71ms	71ms
node66	228	5	212	95ms	96ms	93ms	96ms
node67	29	9	5	19ms	19ms	13ms	13ms
node68	19	5	5	15ms	15ms	12ms	12ms
node69	106	29	19	48ms	49ms	28ms	28ms
node70	15	5	5	13ms	13ms	12ms	12ms
node71	146	106	15	64ms	69ms	56ms	69ms
node72	434	228	146	179ms	180ms	157ms	179ms
node73	449	5	434	184ms	181ms	181ms	181ms
node74	522	57	449	212ms	229ms	209ms	230ms
node75	555	5	522	223ms	221ms	216ms	221ms
node76	638	5	555	257ms	253ms	236ms	253ms
node77	24	5	5	17ms	17ms	12ms	12ms
node78	23	5	5	16ms	17ms	12ms	12ms
node79	60	5	23	31ms	32ms	20ms	19ms

node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node80	212	24	60	90ms	98ms	44ms	44ms
node81	17	6	5	14ms	14ms	12ms	12ms
node82	33	5	17	20ms	22ms	16ms	22ms
node83	24	5	5	17ms	17ms	12ms	12ms
node84	17	5	5	14ms	14ms	12ms	12ms
node85	27	17	5	18ms	20ms	16ms	20ms
node86	40	5	27	23ms	25ms	20ms	25ms
node87	56	40	5	29ms	31ms	25ms	31ms
node88	20	5	5	15ms	15ms	12ms	12ms
node89	82	56	20	39ms	46ms	37ms	46ms
node90	8	5	5	11ms	11ms	11ms	11ms
node91	18	5	5	14ms	14ms	11ms	11ms
node92	37	8	18	22ms	24ms	18ms	18ms
node93	13	5	5	12ms	12ms	11ms	11ms
node94	16	5	5	14ms	14ms	12ms	12ms
node95	9	5	5	11ms	11ms	12ms	11ms
node96	38	16	9	22ms	22ms	18ms	18ms
node97	54	5	38	28ms	30ms	25ms	30ms
node98	73	5	54	36ms	37ms	31ms	37ms
node99	96	13	73	45ms	49ms	41ms	49ms

node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node100	145	37	96	64ms	77ms	60ms	77ms
node101	220	82	145	93ms	94ms	97ms	93ms
node102	331	24	220	138ms	143ms	106ms	143ms
node103	19	5	5	15ms	15ms	12ms	12ms
node104	17	5	5	14ms	14ms	12ms	12ms
node105	22	5	5	16ms	16ms	12ms	12ms
node106	14	5	5	13ms	13ms	11ms	11ms
node107	33	5	14	21ms	22ms	15ms	15ms
node108	46	5	33	25ms	27ms	23ms	27ms
node109	12	5	5	12ms	12ms	12ms	11ms
node110	15	5	5	13ms	13ms	12ms	12ms
node111	46	15	5	25ms	27ms	16ms	16ms
node112	62	12	46	31ms	36ms	30ms	36ms
node113	108	46	62	49ms	50ms	50ms	49ms
node114	146	5	108	64ms	65ms	52ms	65ms
node115	149	5	146	65ms	66ms	67ms	66ms
node116	189	5	149	81ms	81ms	69ms	81ms
node117	20	5	5	15ms	15ms	12ms	12ms
node118	256	189	20	107ms	113ms	91ms	113ms
node119	336	22	256	139ms	145ms	119ms	145ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node120	344	5	336	142ms	141ms	142ms	141ms
node121	372	17	344	155ms	157ms	151ms	163ms
node122	15	5	5	13ms	13ms	12ms	12ms
node123	20	5	15	15ms	17ms	15ms	17ms
node124	18	5	5	15ms	15ms	12ms	12ms
node125	49	20	18	26ms	26ms	23ms	23ms
node126	66	5	49	33ms	35ms	29ms	35ms
node127	480	372	66	197ms	216ms	185ms	216ms
node128	535	19	480	215ms	219ms	206ms	219ms
node129	948	331	535	384ms	388ms	355ms	386ms
node130	1004	33	948	396ms	404ms	397ms	404ms
node131	1041	5	1004	412ms	407ms	410ms	407ms
node132	1379	212	1041	549ms	615ms	509ms	616ms
node133	24	5	5	17ms	17ms	12ms	12ms
node134	50	5	24	27ms	28ms	19ms	19ms
node135	70	5	50	35ms	36ms	29ms	36ms
node136	16	5	5	14ms	14ms	12ms	12ms
node137	13	5	5	12ms	13ms	12ms	11ms
node138	39	16	13	22ms	23ms	19ms	19ms
node139	56	39	5	29ms	31ms	25ms	31ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node140	159	70	56	69ms	69ms	58ms	58ms
node141	24	5	5	17ms	17ms	12ms	12ms
node142	250	159	24	104ms	112ms	82ms	112ms
node143	1768	1379	250	709ms	780ms	659ms	780ms
node144	1774	5	1768	694ms	685ms	708ms	685ms
node145	1863	5	1774	729ms	721ms	714ms	721ms
node146	2448	638	1863	968ms	1188ms	1026ms	1189ms
node147	21	8	5	16ms	16ms	13ms	13ms
node148	43	21	6	24ms	26ms	18ms	18ms
node149	82	43	5	39ms	41ms	27ms	41ms
node150	2574	2448	82	1013ms	1026ms	1030ms	1024ms
node151	21	5	5	16ms	16ms	12ms	12ms
node152	62	21	5	31ms	33ms	18ms	18ms
node153	125	5	62	56ms	57ms	35ms	35ms
node154	226	5	125	95ms	95ms	61ms	95ms
node155	25	5	5	17ms	17ms	12ms	12ms
node156	14	5	5	13ms	13ms	12ms	12ms
node157	58	25	14	30ms	30ms	23ms	23ms
node158	26	6	5	18ms	18ms	12ms	12ms
node159	25	11	5	17ms	19ms	14ms	14ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node160	25	5	5	17ms	17ms	12ms	12ms
node161	24	5	5	17ms	17ms	12ms	12ms
node162	24	5	5	17ms	17ms	12ms	12ms
node163	40	5	24	23ms	25ms	19ms	25ms
node164	101	40	5	47ms	48ms	26ms	26ms
node165	189	6	101	81ms	82ms	52ms	82ms
node166	23	5	5	16ms	16ms	12ms	12ms
node167	64	23	5	33ms	34ms	19ms	19ms
node168	364	189	64	150ms	171ms	110ms	171ms
node169	399	364	5	163ms	162ms	155ms	162ms
node170	431	5	399	174ms	174ms	168ms	174ms
node171	524	24	431	212ms	218ms	191ms	218ms
node172	560	5	524	225ms	223ms	217ms	223ms
node173	675	25	560	272ms	276ms	242ms	276ms
node174	729	25	675	290ms	296ms	290ms	296ms
node175	740	5	729	298ms	293ms	298ms	293ms
node176	25	5	5	17ms	17ms	12ms	12ms
node177	68	25	5	34ms	35ms	20ms	20ms
node178	24	5	5	17ms	17ms	12ms	12ms
node179	54	24	5	28ms	30ms	19ms	19ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node180	236	68	54	99ms	100ms	58ms	59ms
node181	1009	740	236	407ms	483ms	397ms	483ms
node182	1021	1009	5	402ms	399ms	408ms	399ms
node183	25	5	5	17ms	17ms	12ms	12ms
node184	82	25	5	39ms	41ms	21ms	21ms
node185	1197	1021	82	480ms	497ms	450ms	498ms
node186	1240	26	1197	490ms	492ms	494ms	492ms
node187	1279	5	1240	507ms	498ms	501ms	498ms
node188	1295	1279	5	509ms	503ms	514ms	503ms
node189	1334	8	1295	529ms	520ms	524ms	520ms
node190	1389	5	1334	547ms	539ms	537ms	539ms
node191	27	5	8	18ms	18ms	13ms	13ms
node192	22	5	5	16ms	16ms	12ms	12ms
node193	27	5	9	18ms	18ms	13ms	13ms
node194	58	6	27	30ms	32ms	21ms	21ms
node195	104	6	58	48ms	49ms	33ms	49ms
node196	23	5	6	16ms	16ms	12ms	12ms
node197	39	5	23	23ms	24ms	19ms	24ms
node198	59	7	39	30ms	33ms	26ms	33ms
node199	88	59	5	42ms	43ms	33ms	43ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node200	25	5	6	17ms	17ms	12ms	12ms
node201	65	25	5	33ms	34ms	20ms	20ms
node202	250	88	65	104ms	105ms	70ms	70ms
node203	29	11	6	19ms	19ms	14ms	14ms
node204	65	6	29	33ms	34ms	22ms	22ms
node205	386	250	65	160ms	180ms	134ms	180ms
node206	417	5	386	170ms	169ms	162ms	169ms
node207	538	104	417	218ms	253ms	214ms	253ms
node208	584	22	538	235ms	239ms	229ms	239ms
node209	645	27	584	258ms	265ms	251ms	265ms
node210	28	5	9	18ms	18ms	13ms	13ms
node211	34	12	6	21ms	23ms	15ms	15ms
node212	182	28	34	78ms	79ms	35ms	35ms
node213	29	10	5	19ms	20ms	14ms	14ms
node214	59	6	29	30ms	32ms	22ms	22ms
node215	93	59	6	43ms	45ms	33ms	45ms
node216	151	7	93	66ms	68ms	49ms	68ms
node217	169	5	151	73ms	74ms	71ms	74ms
node218	23	5	5	16ms	16ms	12ms	12ms
node219	46	6	23	26ms	27ms	20ms	19ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node220	29	8	6	19ms	19ms	13ms	13ms
node221	90	5	29	42ms	44ms	22ms	22ms
node222	245	46	90	103ms	104ms	64ms	64ms
node223	17	5	5	14ms	14ms	12ms	12ms
node224	56	5	17	29ms	31ms	17ms	17ms
node225	28	5	8	18ms	18ms	13ms	13ms
node226	97	28	12	45ms	49ms	24ms	24ms
node227	297	56	97	125ms	126ms	71ms	72ms
node228	328	5	297	135ms	135ms	127ms	135ms
node229	663	245	328	267ms	270ms	238ms	239ms
node230	686	5	663	273ms	271ms	271ms	271ms
node231	877	169	686	351ms	408ms	348ms	408ms
node232	882	5	877	349ms	345ms	355ms	346ms
node233	1258	182	882	507ms	560ms	436ms	560ms
node234	1267	5	1258	501ms	494ms	505ms	494ms
node235	1744	645	1267	691ms	696ms	765ms	695ms
node236	7429	1389	1744	2883ms	2931ms	1412ms	1377ms
node237	7429	5	7429	2979ms	2887ms	3061ms	2860ms
node238	7429	58	7429	2900ms	2888ms	3073ms	2865ms
node239	7429	226	7429	2928ms	2983ms	3154ms	2949ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node240	7429	5	7429	2897ms	2866ms	3043ms	2843ms
node241	25	5	5	17ms	17ms	12ms	12ms
node242	37	5	25	22ms	23ms	19ms	23ms
node243	17	5	5	14ms	14ms	11ms	11ms
node244	71	37	17	35ms	41ms	29ms	41ms
node245	139	5	71	62ms	62ms	39ms	62ms
node246	7429	7429	139	2928ms	2949ms	3119ms	2914ms
node247	7429	2574	7429	2929ms	3907ms	4102ms	3858ms
node248	25	5	5	17ms	17ms	12ms	12ms
node249	83	25	5	40ms	41ms	20ms	20ms
node250	25	5	5	17ms	17ms	12ms	12ms
node251	264	83	25	109ms	117ms	54ms	54ms
node252	7429	7429	264	2891ms	2971ms	3159ms	2947ms
node253	7429	25	7429	2909ms	2901ms	3132ms	2870ms
node254	24	5	5	17ms	17ms	12ms	12ms
node255	41	8	12	23ms	24ms	16ms	16ms
node256	25	5	5	17ms	17ms	12ms	12ms
node257	26	9	5	17ms	18ms	13ms	13ms
node258	45	26	6	25ms	27ms	20ms	27ms
node259	75	45	5	37ms	38ms	28ms	38ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node260	14	7	6	13ms	13ms	13ms	13ms
node261	23	5	14	16ms	18ms	15ms	18ms
node262	14	5	5	13ms	13ms	12ms	12ms
node263	18	5	5	15ms	15ms	12ms	12ms
node264	36	14	18	21ms	21ms	20ms	20ms
node265	47	36	5	26ms	27ms	24ms	27ms
node266	66	23	47	33ms	41ms	35ms	41ms
node267	25	5	8	17ms	17ms	13ms	13ms
node268	92	66	25	43ms	52ms	44ms	52ms
node269	12	5	5	12ms	12ms	11ms	11ms
node270	20	5	12	16ms	17ms	15ms	17ms
node271	29	20	5	19ms	21ms	18ms	20ms
node272	32	5	29	20ms	21ms	21ms	21ms
node273	15	5	5	13ms	13ms	12ms	11ms
node274	50	32	15	27ms	32ms	26ms	32ms
node275	20	6	8	15ms	15ms	13ms	13ms
node276	14	6	5	13ms	13ms	12ms	12ms
node277	19	6	14	15ms	17ms	15ms	17ms
node278	33	19	9	21ms	23ms	19ms	23ms
node279	57	20	33	30ms	30ms	28ms	30ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node280	98	50	57	46ms	46ms	49ms	46ms
node281	107	6	98	49ms	50ms	48ms	51ms
node282	178	92	107	77ms	77ms	85ms	77ms
node283	190	178	6	81ms	82ms	80ms	82ms
node284	196	5	190	83ms	84ms	84ms	84ms
node285	200	5	196	85ms	85ms	87ms	85ms
node286	293	75	200	122ms	148ms	117ms	148ms
node287	436	5	293	177ms	176ms	131ms	176ms
node288	559	5	436	226ms	223ms	184ms	223ms
node289	666	25	559	267ms	273ms	242ms	273ms
node290	1098	41	666	434ms	444ms	297ms	443ms
node291	1383	8	1098	550ms	539ms	451ms	539ms
node292	1565	24	1383	617ms	616ms	570ms	616ms
node293	7429	7429	1565	2927ms	3487ms	3682ms	3455ms
node294	7429	796	7429	2925ms	3179ms	3369ms	3150ms
node295	37	8	10	22ms	22ms	15ms	15ms
node296	26	5	7	17ms	18ms	12ms	12ms
node297	24	5	5	17ms	17ms	12ms	12ms
node298	41	5	24	23ms	25ms	19ms	25ms
node299	24	5	5	17ms	17ms	12ms	12ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node300	58	24	5	30ms	31ms	19ms	19ms
node301	174	41	58	76ms	75ms	49ms	48ms
node302	305	26	174	127ms	134ms	89ms	134ms
node303	21	5	6	16ms	16ms	12ms	12ms
node304	38	5	21	22ms	24ms	18ms	24ms
node305	16	6	5	14ms	14ms	12ms	12ms
node306	24	5	16	17ms	18ms	16ms	18ms
node307	34	5	24	21ms	22ms	19ms	22ms
node308	47	5	34	26ms	27ms	23ms	27ms
node309	13	5	5	12ms	13ms	11ms	11ms
node310	19	5	13	15ms	17ms	15ms	17ms
node311	27	7	7	18ms	18ms	13ms	13ms
node312	31	5	27	19ms	21ms	20ms	21ms
node313	73	5	31	36ms	37ms	22ms	23ms
node314	97	73	5	45ms	46ms	38ms	46ms
node315	151	6	97	66ms	67ms	49ms	67ms
node316	171	7	151	74ms	75ms	70ms	75ms
node317	236	19	171	100ms	105ms	84ms	105ms
node318	309	47	236	128ms	144ms	120ms	144ms
node319	18	5	5	15ms	15ms	12ms	12ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node320	30	5	18	19ms	21ms	17ms	21ms
node321	51	6	30	27ms	29ms	22ms	29ms
node322	65	51	5	33ms	34ms	30ms	34ms
node323	424	309	65	173ms	195ms	157ms	195ms
node324	464	5	424	187ms	186ms	180ms	187ms
node325	14	5	6	13ms	13ms	12ms	12ms
node326	25	5	14	17ms	19ms	15ms	19ms
node327	536	464	25	217ms	223ms	202ms	222ms
node328	569	6	536	228ms	227ms	222ms	227ms
node329	739	38	569	297ms	306ms	252ms	306ms
node330	23	5	5	16ms	16ms	12ms	12ms
node331	25	5	5	17ms	17ms	12ms	12ms
node332	24	5	6	17ms	17ms	12ms	12ms
node333	46	24	5	26ms	27ms	19ms	27ms
node334	72	5	46	35ms	37ms	28ms	37ms
node335	98	72	6	46ms	47ms	39ms	47ms
node336	212	25	98	89ms	98ms	58ms	58ms
node337	30	5	9	19ms	19ms	13ms	13ms
node338	76	30	5	37ms	38ms	22ms	22ms
node339	25	5	5	17ms	17ms	12ms	12ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node340	68	6	25	34ms	36ms	20ms	21ms
node341	26	6	5	18ms	18ms	12ms	12ms
node342	140	68	26	62ms	71ms	45ms	46ms
node343	244	76	140	103ms	103ms	94ms	103ms
node344	267	5	244	112ms	111ms	106ms	111ms
node345	22	5	6	16ms	16ms	12ms	12ms
node346	48	22	5	26ms	28ms	19ms	19ms
node347	65	48	6	33ms	35ms	29ms	34ms
node348	101	65	7	46ms	48ms	36ms	48ms
node349	416	267	101	170ms	205ms	154ms	205ms
node350	455	5	416	184ms	183ms	174ms	183ms
node351	701	212	455	282ms	357ms	273ms	357ms
node352	19	7	5	15ms	15ms	12ms	12ms
node353	35	5	19	21ms	23ms	17ms	23ms
node354	7	5	5	10ms	10ms	11ms	10ms
node355	25	6	7	17ms	17ms	13ms	13ms
node356	42	5	25	24ms	25ms	20ms	25ms
node357	47	5	42	26ms	27ms	26ms	27ms
node358	83	47	5	40ms	41ms	29ms	41ms
node359	15	6	5	13ms	13ms	12ms	12ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node360	122	83	15	55ms	60ms	46ms	60ms
node361	21	5	5	16ms	16ms	12ms	12ms
node362	51	21	6	27ms	29ms	19ms	19ms
node363	75	6	51	36ms	38ms	30ms	38ms
node364	101	75	5	47ms	48ms	39ms	48ms
node365	283	122	101	117ms	118ms	97ms	97ms
node366	373	35	283	153ms	164ms	135ms	164ms
node367	420	373	5	171ms	170ms	157ms	170ms
node368	473	5	420	194ms	190ms	176ms	190ms
node369	1117	701	473	442ms	447ms	472ms	446ms
node370	1195	23	1117	475ms	474ms	462ms	474ms
node371	9	5	5	11ms	11ms	11ms	11ms
node372	23	9	5	17ms	17ms	13ms	13ms
node373	17	5	5	14ms	14ms	12ms	12ms
node374	41	5	17	23ms	25ms	17ms	17ms
node375	81	41	5	39ms	40ms	26ms	40ms
node376	25	5	5	17ms	17ms	12ms	12ms
node377	182	81	25	78ms	86ms	51ms	51ms
node378	271	23	182	114ms	120ms	90ms	120ms
node379	25	5	5	17ms	17ms	12ms	12ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node380	69	6	25	34ms	36ms	20ms	20ms
node381	91	5	69	43ms	44ms	37ms	44ms
node382	466	271	91	190ms	221ms	154ms	220ms
node383	1553	1195	466	612ms	778ms	664ms	778ms
node384	1556	1553	6	613ms	604ms	624ms	604ms
node385	2211	739	1556	867ms	1135ms	920ms	1135ms
node386	2336	5	2211	916ms	901ms	887ms	901ms
node387	2372	5	2336	924ms	913ms	934ms	912ms
node388	2639	305	2372	1054ms	1137ms	1091ms	1138ms
node389	25	5	5	17ms	17ms	12ms	12ms
node390	2764	2639	25	1078ms	1071ms	1069ms	1072ms
node391	2963	37	2764	1169ms	1153ms	1148ms	1153ms
node392	3006	5	2963	1177ms	1157ms	1200ms	1157ms
node393	7429	7429	3006	2936ms	4076ms	4252ms	4035ms
node394	7429	927	7429	2934ms	3227ms	3437ms	3220ms
node395	7429	7429	6	2902ms	2848ms	3055ms	2847ms
node396	17	5	5	14ms	14ms	12ms	12ms
node397	25	5	17	17ms	19ms	16ms	19ms
node398	7429	7429	25	2987ms	2883ms	3077ms	2881ms
node399	7429	7429	5	2893ms	2847ms	3053ms	2846ms

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node	psrsize	lsrsize	rsrsize	repeats	bclv	bclv 2	hybrid
node400	7429	6	7429	2930ms	2863ms	3064ms	2862ms
node401	7429	7429	5	2901ms	2846ms	3252ms	2843ms

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