Libpll sequential benchmarks

January 25, 2017

- node : node index (post order traversal)

- 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

- SR opt : bclv si repeats qqpart, gros if dans la boucle

- SR opt2 : bclv si repeats qqpart, boucle qui gere aussi les non repeats

- SR opt3 : tip pattern, bclv si repeats qqpart, boucle qui gere aussi les non repeats

- SR opt4 ; bclv si repeats qqpart, gros if dans la boucle, prebuffer, unroll

1 dataset 404 hits avx

node	psrsize	lsrsize	rsrsize	tippat	SR opt	SR opt2	SR opt3	SR opt4
node0	25	5	5	77ms	8ms	10ms	79ms	8ms
node1	68	5	25	67ms	9ms	10ms	70ms	9ms
node2	24	6	5	74ms	6ms	7ms	72ms	6ms
node3	225	68	24	110ms	14ms	15ms	106ms	14ms
node4	403	5	225	67ms	18ms	20ms	70ms	19ms
node5	508	5	403	66ms	21ms	24ms	70ms	23ms
node6	24	5	5	73ms	6ms	6ms	72ms	6ms
node7	24	5	5	77ms	6ms	7ms	76ms	7ms
node8	148	24	24	111ms	11ms	12ms	105ms	12ms
node9	25	5	5	79ms	6ms	7ms	75ms	7ms
node10	23	5	5	73ms	6ms	6ms	72ms	6ms
node11	178	25	23	108ms	12ms	13ms	106ms	13ms
node12	268	5	178	65ms	15ms	17ms	71ms	15ms
node13	22	5	5	76ms	6ms	6ms	76ms	6ms
node14	25	5	5	74ms	6ms	6ms	73ms	7ms
node15	115	22	25	107ms	10ms	11ms	108ms	10ms
node16	628	268	115	108ms	29ms	33ms	108ms	31ms
node17	919	148	628	110ms	43ms	53ms	107ms	50ms
node18	1428	508	919	124ms	67ms	83ms	106ms	79ms
node19	25	5	5	87ms	6ms	7ms	75ms	6ms

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node	psrsize	lsrsize	rsrsize	tippat	SR opt	SR opt2	SR opt3	SR opt4
node20	72	5	25	78ms	8ms	9ms	70ms	8ms
node21	1597	1428	72	135ms	58ms	68ms	106ms	63ms
node22	25	5	5	75ms	6ms	7ms	73ms	6ms
node23	25	5	5	83ms	6ms	6ms	75ms	6ms
node24	90	5	25	75ms	9ms	10ms	71ms	9ms
node25	211	5	90	74ms	13ms	14ms	70ms	13ms
node26	339	5	211	73ms	17ms	19ms	70ms	17ms
node27	24	5	5	76ms	6ms	6ms	76ms	6ms
node28	62	5	24	72ms	8ms	8ms	70ms	8ms
node29	109	62	5	67ms	9ms	10ms	70ms	9ms
node30	681	339	109	129ms	31ms	36ms	107ms	34ms
node31	896	25	681	139ms	38ms	45ms	108ms	42ms
node32	932	896	5	73ms	35ms	38ms	71ms	35ms
node33	1022	5	932	77ms	40ms	43ms	71ms	40ms
node34	30	5	10	84ms	7ms	7ms	73ms	7ms
node35	1267	1022	30	134ms	51ms	58ms	107ms	54ms
node36	1329	1267	5	75ms	50ms	56ms	70ms	51ms
node37	25	5	5	75ms	6ms	6ms	75ms	6ms
node38	92	25	5	68ms	9ms	10ms	70ms	9ms
node39	188	92	5	71ms	12ms	13ms	70ms	13ms

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node	psrsize	lsrsize	rsrsize	tippat	SR opt	SR opt2	SR opt3	SR opt4
node40	30	8	5	73ms	6ms	7ms	73ms	7ms
node41	20	5	5	75ms	6ms	6ms	77ms	6ms
node42	25	5	5	74ms	6ms	6ms	72ms	7ms
node43	124	20	25	112ms	10ms	11ms	107ms	11ms
node44	158	5	124	67ms	11ms	12ms	71ms	12ms
node45	373	30	158	122ms	19ms	21ms	105ms	20ms
node46	913	188	373	119ms	42ms	49ms	105ms	48ms
node47	2118	1329	913	110ms	95ms	115ms	106ms	111ms
node48	3230	1597	2118	111ms	114ms	117ms	109ms	112ms
node49	22	5	5	83ms	6ms	6ms	77ms	7ms
node50	3230	3230	22	115ms	83ms	87ms	108ms	78ms
node51	3230	5	3230	67ms	71ms	75ms	72ms	63ms
node52	32	12	5	72ms	7ms	7ms	73ms	7ms
node53	3230	3230	32	112ms	76ms	79ms	109ms	68ms
node54	3230	5	3230	68ms	71ms	74ms	72ms	63ms
node55	23	5	5	76ms	6ms	6ms	78ms	6ms
node56	62	23	6	65ms	7ms	8ms	72ms	7ms

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node	psrsize	lsrsize	rsrsize	tippat	SR opt	SR opt2
node0	24	5	6	125ms	14ms	14ms
node1	21	5	7	125ms	14ms	14ms
node2	28	5	21	149ms	14ms	14ms
node3	65	28	8	149ms	16ms	15ms
node4	98	65	7	149ms	18ms	17ms
node5	17	6	5	125ms	13ms	13ms
node6	18	5	17	149ms	14ms	14ms
node7	23	5	18	149ms	14ms	14ms
node8	13	5	5	160ms	13ms	13ms
node9	11	5	5	159ms	13ms	13ms
node10	20	5	11	149ms	14ms	13ms
node11	38	13	20	259ms	15ms	15ms
node12	51	5	38	149ms	16ms	15ms
node13	83	23	51	252ms	17ms	17ms
node14	194	98	83	256ms	23ms	23ms
node15	246	24	194	257ms	26ms	24ms
node16	267	6	246	148ms	26ms	23ms
node17	273	6	267	151ms	26ms	24ms
node18	273	5	273	149ms	26ms	23ms
node19	22	5	5	160ms	14ms	14ms

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node	psrsize	lsrsize	rsrsize	tippat	SR opt	SR opt2
node20	23	5	5	159ms	14ms	14ms
node21	25	5	5	160ms	14ms	14ms
node22	120	23	25	253ms	20ms	19ms
node23	272	22	120	254ms	28ms	26ms
node24	341	5	272	150ms	31ms	27ms
node25	22	5	5	159ms	14ms	14ms
node26	63	5	22	149ms	16ms	16ms
node27	76	5	63	151ms	17ms	16ms
node28	17	6	5	159ms	14ms	14ms
node29	37	5	17	149ms	15ms	14ms
node30	24	5	6	159ms	14ms	14ms
node31	35	24	5	151ms	15ms	14ms
node32	131	37	35	255ms	20ms	19ms
node33	23	6	5	159ms	14ms	14ms
node34	43	6	23	151ms	15ms	15ms
node35	55	5	43	149ms	16ms	15ms
node36	16	5	5	159ms	14ms	13ms
node37	29	16	5	149ms	14ms	14ms
node38	111	55	29	253ms	19ms	19ms
node39	120	5	111	148ms	21ms	18ms

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node	psrsize	lsrsize	rsrsize	tippat	SR opt	SR opt2
node40	281	131	120	253ms	29ms	29ms
node41	421	76	281	256ms	36ms	34ms
node42	927	341	421	258ms	65ms	64ms
node43	21	6	5	159ms	14ms	14ms
node44	46	5	21	148ms	15ms	15ms
node45	17	5	5	159ms	14ms	13ms
node46	10	5	5	162ms	13ms	13ms
node47	25	5	5	163ms	14ms	13ms
node48	69	5	25	222ms	16ms	15ms
node49	179	10	69	367ms	22ms	20ms
node50	185	5	179	181ms	22ms	20ms
node51	215	17	185	255ms	24ms	22ms
node52	25	5	5	159ms	14ms	13ms
node53	466	215	25	254ms	36ms	31ms
node54	704	46	466	255ms	51ms	47ms
node55	796	6	704	149ms	53ms	45ms
node56	25	5	5	159ms	14ms	14ms
node57	22	5	5	159ms	14ms	14ms
node58	57	5	22	149ms	16ms	15ms
node59	14	6	5	159ms	13ms	13ms

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node	psrsize	lsrsize	rsrsize	tippat	SR opt	SR opt2
node60	23	5	5	159ms	14ms	14ms
node61	69	14	23	253ms	17ms	16ms
node62	9	5	5	159ms	13ms	13ms
node63	35	5	9	149ms	14ms	14ms
node64	87	5	35	149ms	17ms	16ms
node65	212	69	87	256ms	25ms	23ms
node66	228	5	212	183ms	24ms	22ms
node67	29	9	5	163ms	14ms	14ms
node68	19	5	5	163ms	14ms	14ms
node69	106	29	19	358ms	18ms	18ms
node70	15	5	5	163ms	13ms	13ms
node71	146	106	15	357ms	21ms	19ms
node72	434	228	146	339ms	36ms	34ms
node73	449	5	434	149ms	34ms	30ms
node74	522	57	449	257ms	41ms	39ms
node75	555	5	522	149ms	39ms	34ms
node76	638	5	555	149ms	44ms	37ms
node77	24	5	5	160ms	14ms	14ms
node78	23	5	5	159ms	14ms	14ms
node79	60	5	23	148ms	16ms	15ms

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node	psrsize	lsrsize	rsrsize	tippat	SR opt	SR opt2
node80	212	24	60	257ms	25ms	23ms
node81	17	6	5	159ms	14ms	14ms
node82	33	5	17	148ms	15ms	14ms
node83	24	5	5	159ms	14ms	14ms
node84	17	5	5	159ms	13ms	13ms
node85	27	17	5	149ms	14ms	14ms
node86	40	5	27	152ms	15ms	14ms
node87	56	40	5	222ms	16ms	15ms
node88	20	5	5	163ms	14ms	14ms
node89	82	56	20	360ms	17ms	16ms
node90	8	5	5	162ms	13ms	13ms
node91	18	5	5	163ms	13ms	13ms
node92	37	8	18	356ms	15ms	14ms
node93	13	5	5	163ms	13ms	13ms
node94	16	5	5	162ms	13ms	13ms
node95	9	5	5	162ms	14ms	13ms
node96	38	16	9	259ms	15ms	14ms
node97	54	5	38	149ms	16ms	15ms
node98	73	5	54	149ms	16ms	16ms
node99	96	13	73	255ms	18ms	17ms

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node	psrsize	lsrsize	rsrsize	tippat	SR opt	SR opt2
node100	145	37	96	253ms	21ms	21ms
node101	220	82	145	255ms	24ms	24ms
node102	331	24	220	254ms	29ms	27ms
node103	19	5	5	159ms	14ms	13ms
node104	17	5	5	159ms	14ms	13ms
node105	22	5	5	159ms	14ms	14ms
node106	14	5	5	162ms	13ms	13ms
node107	33	5	14	222ms	15ms	14ms
node108	46	5	33	223ms	15ms	15ms
node109	12	5	5	163ms	13ms	13ms
node110	15	5	5	163ms	13ms	13ms
node111	46	15	5	222ms	15ms	15ms
node112	62	12	46	352ms	16ms	16ms
node113	108	46	62	256ms	18ms	19ms
node114	146	5	108	149ms	20ms	19ms
node115	149	5	146	149ms	20ms	19ms
node116	189	5	149	149ms	22ms	20ms
node117	20	5	5	159ms	14ms	13ms
node118	256	189	20	258ms	26ms	23ms
node119	336	22	256	255ms	31ms	29ms

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node	psrsize	lsrsize	rsrsize	tippat	SR opt	SR opt2
node120	344	5	336	149ms	30ms	26ms
node121	372	17	344	258ms	33ms	30ms
node122	15	5	5	159ms	13ms	13ms
node123	20	5	15	149ms	14ms	14ms
node124	18	5	5	159ms	14ms	14ms
node125	49	20	18	252ms	15ms	15ms
node126	66	5	49	148ms	17ms	16ms
node127	480	372	66	255ms	38ms	33ms
node128	535	19	480	255ms	41ms	38ms
node129	948	331	535	261ms	61ms	62ms
node130	1004	33	948	261ms	65ms	60ms
node131	1041	5	1004	149ms	61ms	51ms
node132	1379	212	1041	258ms	92ms	89ms
node133	24	5	5	159ms	14ms	14ms
node134	50	5	24	149ms	15ms	15ms
node135	70	5	50	149ms	16ms	15ms
node136	16	5	5	159ms	14ms	13ms
node137	13	5	5	159ms	13ms	13ms
node138	39	16	13	255ms	15ms	15ms
node139	56	39	5	149ms	16ms	15ms

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node	psrsize	lsrsize	rsrsize	tippat	SR opt	SR opt2
node140	159	70	56	259ms	21ms	20ms
node141	24	5	5	159ms	14ms	13ms
node142	250	159	24	256ms	25ms	23ms
node143	1768	1379	250	254ms	110ms	94ms
node144	1774	5	1768	149ms	103ms	84ms
node145	1863	5	1774	151ms	109ms	89ms
node146	2448	638	1863	359ms	165ms	165ms
node147	21	8	5	163ms	14ms	14ms
node148	43	21	6	223ms	15ms	14ms
node149	82	43	5	222ms	17ms	16ms
node150	2574	2448	82	358ms	155ms	125ms
node151	21	5	5	163ms	14ms	13ms
node152	62	21	5	222ms	16ms	15ms
node153	125	5	62	186ms	19ms	18ms
node154	226	5	125	149ms	24ms	22ms
node155	25	5	5	159ms	14ms	14ms
node156	14	5	5	159ms	13ms	13ms
node157	58	25	14	252ms	16ms	16ms
node158	26	6	5	159ms	14ms	14ms
node159	25	11	5	159ms	14ms	14ms

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node	psrsize	lsrsize	rsrsize	tippat	SR opt	SR opt2
node160	25	5	5	159ms	14ms	14ms
node161	24	5	5	159ms	14ms	14ms
node162	24	5	5	161ms	14ms	14ms
node163	40	5	24	149ms	15ms	15ms
node164	101	40	5	149ms	18ms	17ms
node165	189	6	101	149ms	23ms	22ms
node166	23	5	5	160ms	14ms	14ms
node167	64	23	5	222ms	17ms	16ms
node168	364	189	64	358ms	33ms	30ms
node169	399	364	5	222ms	33ms	29ms
node170	431	5	399	223ms	35ms	30ms
node171	524	24	431	362ms	42ms	38ms
node172	560	5	524	223ms	41ms	35ms
node173	675	25	560	362ms	49ms	44ms
node174	729	25	675	358ms	52ms	48ms
node175	740	5	729	222ms	51ms	42ms
node176	25	5	5	163ms	14ms	14ms
node177	68	25	5	178ms	17ms	16ms
node178	24	5	5	159ms	14ms	14ms
node179	54	24	5	149ms	16ms	15ms

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node	psrsize	lsrsize	rsrsize	tippat	SR opt	SR opt2
node180	236	68	54	256ms	26ms	25ms
node181	1009	740	236	254ms	68ms	63ms
node182	1021	1009	5	149ms	64ms	51ms
node183	25	5	5	161ms	14ms	14ms
node184	82	25	5	222ms	16ms	16ms
node185	1197	1021	82	361ms	76ms	67ms
node186	1240	26	1197	359ms	82ms	73ms
node187	1279	5	1240	222ms	78ms	64ms
node188	1295	1279	5	223ms	78ms	63ms
node189	1334	8	1295	222ms	87ms	70ms
node190	1389	5	1334	222ms	86ms	69ms
node191	27	5	8	163ms	14ms	14ms
node192	22	5	5	163ms	14ms	14ms
node193	27	5	9	163ms	14ms	14ms
node194	58	6	27	223ms	16ms	16ms
node195	104	6	58	222ms	19ms	17ms
node196	23	5	6	160ms	14ms	14ms
node197	39	5	23	149ms	15ms	14ms
node198	59	7	39	149ms	16ms	16ms
node199	88	59	5	149ms	18ms	17ms

node	psrsize	lsrsize	rsrsize	tippat	SR opt	SR opt2
node200	25	5	6	159ms	14ms	14ms
node201	65	25	5	149ms	16ms	15ms
node202	250	88	65	255ms	26ms	24ms
node203	29	11	6	159ms	14ms	14ms
node204	65	6	29	149ms	17ms	17ms
node205	386	250	65	255ms	33ms	29ms
node206	417	5	386	149ms	32ms	27ms
node207	538	104	417	254ms	43ms	38ms
node208	584	22	538	256ms	44ms	38ms
node209	645	27	584	256ms	48ms	40ms
node210	28	5	9	159ms	14ms	14ms
node211	34	12	6	159ms	14ms	14ms
node212	182	28	34	260ms	23ms	21ms
node213	29	10	5	159ms	14ms	14ms
node214	59	6	29	149ms	16ms	15ms
node215	93	59	6	149ms	18ms	17ms
node216	151	7	93	148ms	21ms	19ms
node217	169	5	151	149ms	22ms	20ms
node218	23	5	5	159ms	14ms	14ms
node219	46	6	23	149ms	15ms	15ms

node	psrsize	lsrsize	rsrsize	tippat	SR opt	SR opt2
node220	29	8	6	159ms	14ms	14ms
node221	90	5	29	149ms	17ms	17ms
node222	245	46	90	255ms	27ms	25ms
node223	17	5	5	159ms	14ms	13ms
node224	56	5	17	154ms	16ms	15ms
node225	28	5	8	163ms	14ms	14ms
node226	97	28	12	223ms	18ms	17ms
node227	297	56	97	363ms	29ms	26ms
node228	328	5	297	207ms	29ms	26ms
node229	663	245	328	254ms	52ms	49ms
node230	686	5	663	148ms	48ms	40ms
node231	877	169	686	259ms	67ms	59ms
node232	882	5	877	148ms	57ms	46ms
node233	1258	182	882	255ms	96ms	83ms
node234	1267	5	1258	149ms	79ms	64ms
node235	1744	645	1267	255ms	129ms	117ms
node236	7429	1389	1744	257ms	277ms	216ms
node237	7429	5	7429	151ms	248ms	164ms
node238	7429	58	7429	256ms	254ms	175ms
node239	7429	226	7429	259ms	258ms	177ms

node	psrsize	lsrsize	rsrsize	tippat	SR opt	SR opt2
node240	7429	5	7429	150ms	243ms	166ms
node241	25	5	5	159ms	14ms	14ms
node242	37	5	25	148ms	15ms	14ms
node243	17	5	5	159ms	14ms	14ms
node244	71	37	17	355ms	17ms	17ms
node245	139	5	71	223ms	20ms	19ms
node246	7429	7429	139	364ms	258ms	176ms
node247	7429	2574	7429	367ms	263ms	216ms
node248	25	5	5	163ms	14ms	14ms
node249	83	25	5	222ms	17ms	16ms
node250	25	5	5	163ms	14ms	14ms
node251	264	83	25	362ms	26ms	23ms
node252	7429	7429	264	364ms	269ms	178ms
node253	7429	25	7429	285ms	274ms	174ms
node254	24	5	5	159ms	15ms	14ms
node255	41	8	12	159ms	16ms	14ms
node256	25	5	5	159ms	15ms	14ms
node257	26	9	5	160ms	15ms	14ms
node258	45	26	6	149ms	16ms	15ms
node259	75	45	5	150ms	18ms	16ms

node	psrsize	lsrsize	rsrsize	tippat	SR opt	SR opt2
node260	14	7	6	159ms	13ms	13ms
node261	23	5	14	149ms	14ms	14ms
node262	14	5	5	159ms	13ms	13ms
node263	18	5	5	159ms	14ms	13ms
node264	36	14	18	253ms	15ms	14ms
node265	47	36	5	149ms	15ms	15ms
node266	66	23	47	254ms	17ms	16ms
node267	25	5	8	159ms	14ms	14ms
node268	92	66	25	253ms	18ms	18ms
node269	12	5	5	159ms	13ms	13ms
node270	20	5	12	148ms	14ms	13ms
node271	29	20	5	149ms	14ms	14ms
node272	32	5	29	148ms	15ms	14ms
node273	15	5	5	159ms	13ms	13ms
node274	50	32	15	255ms	16ms	15ms
node275	20	6	8	164ms	14ms	14ms
node276	14	6	5	168ms	13ms	13ms
node277	19	6	14	157ms	14ms	14ms
node278	33	19	9	149ms	15ms	14ms
node279	57	20	33	255ms	16ms	16ms

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node	psrsize	lsrsize	rsrsize	tippat	SR opt	SR opt2
node280	98	50	57	255ms	18ms	17ms
node281	107	6	98	149ms	18ms	17ms
node282	178	92	107	256ms	22ms	21ms
node283	190	178	6	149ms	21ms	19ms
node284	196	5	190	149ms	21ms	19ms
node285	200	5	196	150ms	22ms	19ms
node286	293	75	200	254ms	29ms	26ms
node287	436	5	293	150ms	34ms	29ms
node288	559	5	436	149ms	41ms	34ms
node289	666	25	559	258ms	51ms	44ms
node290	1098	41	666	254ms	77ms	65ms
node291	1383	8	1098	149ms	87ms	71ms
node292	1565	24	1383	255ms	108ms	90ms
node293	7429	7429	1565	267ms	264ms	200ms
node294	7429	796	7429	264ms	267ms	186ms
node295	37	8	10	159ms	15ms	14ms
node296	26	5	7	159ms	14ms	14ms
node297	24	5	5	159ms	14ms	14ms
node298	41	5	24	149ms	15ms	14ms
node299	24	5	5	159ms	14ms	14ms

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node	psrsize	lsrsize	rsrsize	tippat	SR opt	SR opt2
node300	58	24	5	148ms	16ms	15ms
node301	174	41	58	256ms	23ms	21ms
node302	305	26	174	252ms	31ms	27ms
node303	21	5	6	162ms	14ms	14ms
node304	38	5	21	222ms	15ms	14ms
node305	16	6	5	163ms	13ms	13ms
node306	24	5	16	222ms	14ms	14ms
node307	34	5	24	222ms	15ms	14ms
node308	47	5	34	183ms	15ms	15ms
node309	13	5	5	159ms	13ms	13ms
node310	19	5	13	149ms	14ms	14ms
node311	27	7	7	159ms	14ms	14ms
node312	31	5	27	148ms	14ms	14ms
node313	73	5	31	148ms	16ms	16ms
node314	97	73	5	148ms	18ms	17ms
node315	151	6	97	149ms	21ms	19ms
node316	171	7	151	148ms	22ms	20ms
node317	236	19	171	258ms	26ms	24ms
node318	309	47	236	253ms	32ms	29ms
node319	18	5	5	159ms	14ms	14ms

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node	psrsize	lsrsize	rsrsize	tippat	SR opt	SR opt2
node320	30	5	18	149ms	14ms	14ms
node321	51	6	30	149ms	16ms	15ms
node322	65	51	5	149ms	16ms	16ms
node323	424	309	65	253ms	36ms	32ms
node324	464	5	424	148ms	37ms	32ms
node325	14	5	6	160ms	13ms	13ms
node326	25	5	14	222ms	14ms	14ms
node327	536	464	25	359ms	42ms	36ms
node328	569	6	536	222ms	43ms	36ms
node329	739	38	569	279ms	58ms	49ms
node330	23	5	5	159ms	14ms	14ms
node331	25	5	5	159ms	14ms	14ms
node332	24	5	6	159ms	14ms	14ms
node333	46	24	5	149ms	15ms	15ms
node334	72	5	46	149ms	17ms	16ms
node335	98	72	6	148ms	18ms	17ms
node336	212	25	98	252ms	24ms	22ms
node337	30	5	9	159ms	14ms	14ms
node338	76	30	5	148ms	16ms	16ms
node339	25	5	5	159ms	14ms	14ms

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node	psrsize	lsrsize	rsrsize	tippat	SR opt	SR opt2
node340	68	6	25	149ms	16ms	16ms
node341	26	6	5	159ms	14ms	14ms
node342	140	68	26	252ms	20ms	19ms
node343	244	76	140	256ms	26ms	24ms
node344	267	5	244	149ms	26ms	23ms
node345	22	5	6	159ms	14ms	14ms
node346	48	22	5	176ms	15ms	15ms
node347	65	48	6	222ms	16ms	15ms
node348	101	65	7	223ms	18ms	17ms
node349	416	267	101	356ms	36ms	32ms
node350	455	5	416	223ms	35ms	30ms
node351	701	212	455	358ms	54ms	49ms
node352	19	7	5	163ms	14ms	13ms
node353	35	5	19	222ms	14ms	14ms
node354	7	5	5	163ms	13ms	13ms
node355	25	6	7	222ms	14ms	14ms
node356	42	5	25	223ms	15ms	15ms
node357	47	5	42	222ms	15ms	15ms
node358	83	47	5	202ms	17ms	16ms
node359	15	6	5	159ms	13ms	13ms

node	psrsize	lsrsize	rsrsize	tippat	SR opt	SR opt2
node360	122	83	15	252ms	20ms	18ms
node361	21	5	5	159ms	14ms	13ms
node362	51	21	6	150ms	15ms	15ms
node363	75	6	51	150ms	16ms	16ms
node364	101	75	5	148ms	18ms	17ms
node365	283	122	101	320ms	29ms	27ms
node366	373	35	283	360ms	34ms	30ms
node367	420	373	5	206ms	34ms	28ms
node368	473	5	420	149ms	36ms	30ms
node369	1117	701	473	254ms	77ms	70ms
node370	1195	23	1117	260ms	81ms	66ms
node371	9	5	5	159ms	13ms	13ms
node372	23	9	5	148ms	14ms	14ms
node373	17	5	5	159ms	14ms	13ms
node374	41	5	17	148ms	15ms	14ms
node375	81	41	5	149ms	17ms	16ms
node376	25	5	5	159ms	14ms	14ms
node377	182	81	25	254ms	23ms	21ms
node378	271	23	182	253ms	29ms	26ms
node379	25	5	5	159ms	14ms	14ms

node	psrsize	lsrsize	rsrsize	tippat	SR opt	SR opt2
node380	69	6	25	148ms	16ms	15ms
node381	91	5	69	149ms	18ms	17ms
node382	466	271	91	256ms	39ms	35ms
node383	1553	1195	466	256ms	101ms	89ms
node384	1556	1553	6	156ms	88ms	67ms
node385	2211	739	1556	359ms	159ms	141ms
node386	2336	5	2211	224ms	135ms	104ms
node387	2372	5	2336	179ms	138ms	106ms
node388	2639	305	2372	257ms	204ms	174ms
node389	25	5	5	159ms	14ms	14ms
node390	2764	2639	25	254ms	160ms	124ms
node391	2963	37	2764	257ms	206ms	167ms
node392	3006	5	2963	150ms	173ms	132ms
node393	7429	7429	3006	276ms	278ms	227ms
node394	7429	927	7429	275ms	277ms	191ms
node395	7429	7429	6	164ms	261ms	164ms
node396	17	5	5	159ms	14ms	14ms
node397	25	5	17	149ms	14ms	14ms
node398	7429	7429	25	272ms	271ms	173ms
node399	7429	7429	5	162ms	258ms	163ms

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node	psrsize	lsrsize	rsrsize	tippat	SR opt	SR opt2
node400	7429	6	7429	163ms	260ms	164ms
node401	7429	7429	5	161ms	256ms	164ms

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