

Sheet1

sim_num_insn	128172
sim_num_refs	53639
sim_elapsed_time	1
sim_inst_rate	128172
sim_num_branches	31740
sim_IPB	4.0382
lookups	31740
updates	31740
jr_seen	49
ras_rate.PP	0.9796

Mode\Attr	addr_hits	dir_hits	misses	bpred_addr_rate	bpred_dir_rate	retstack_pushes	retstack_pops	used_ras.PP	ras_hits.PP
taken	30617	30617	1123	0.9646	0.9646	0	0	0	0
nottaken	12238	12238	19502	0.3856	0.3856	0	0	0	0
bimod_2	30535	30624	1116	0.962	0.9648	51	49	49	48
bimod_4	30524	30613	1127	0.9617	0.9645	51	49	49	48
bimod_8	31538	31623	117	0.9936	0.9963	51	49	49	48
bimod_16	31542	31628	112	0.9938	0.9965	51	49	49	48
bimod_32	31553	31639	101	0.9941	0.9968	51	49	49	48
bimod_64	31552	31637	103	0.9941	0.9968	51	49	49	48
bimod_128	31560	31644	96	0.9943	0.997	51	49	49	48
bimod_256	31557	31640	100	0.9942	0.9968	51	49	49	48
bimod_512	31566	31651	89	0.9945	0.9972	51	49	49	48
bimod_1024	31571	31656	84	0.9947	0.9974	51	49	49	48
bimod_2048	31572	31654	86	0.9947	0.9973	51	49	49	48
bimod_4096	31572	31654	86	0.9947	0.9973	51	49	49	48
2lev_1_4_1_0	31525	31616	124	0.9932	0.9961	51	49	49	48
2lev_1_8_2_0	31524	31600	140	0.9932	0.9956	51	49	49	48
2lev_1_16_3_0	31534	31613	127	0.9935	0.996	51	49	49	48
2lev_1_32_4_0	31540	31621	119	0.9937	0.9963	51	49	49	48
2lev_1_64_5_0	31542	31621	119	0.9938	0.9963	51	49	49	48
2lev_1_128_6_0	31540	31619	121	0.9937	0.9962	51	49	49	48
2lev_1_256_7_0	31535	31614	126	0.9935	0.996	51	49	49	48
2lev_1_512_8_0	31530	31607	133	0.9934	0.9958	51	49	49	48
2lev_2_8_1_0	31532	31614	126	0.9934	0.996	51	49	49	48
2lev_2_16_2_0	31533	31617	123	0.9935	0.9961	51	49	49	48
2lev_2_32_3_0	31546	31632	108	0.9939	0.9966	51	49	49	48
2lev_2_64_4_0	31548	31629	111	0.994	0.9965	51	49	49	48
2lev_2_128_5_0	31541	31622	118	0.9937	0.9963	51	49	49	48
2lev_2_256_6_0	31538	31620	120	0.9936	0.9962	51	49	49	48
2lev_2_512_7_0	31530	31611	129	0.9934	0.9959	51	49	49	48
2lev_2_1024_8_0	31530	31610	130	0.9934	0.9959	51	49	49	48
2lev_4_32_1_0	31537	31614	126	0.9936	0.996	51	49	49	48
2lev_4_64_2_0	31544	31624	116	0.9938	0.9963	51	49	49	48
2lev_4_128_3_0	31529	31605	135	0.9934	0.9957	51	49	49	48
2lev_4_256_4_0	31529	31609	131	0.9934	0.9959	51	49	49	48
2lev_4_512_5_0	31527	31608	132	0.9933	0.9958	51	49	49	48
2lev_4_1024_6_0	31530	31611	129	0.9934	0.9959	51	49	49	48
2lev_4_2048_7_0	31523	31603	137	0.9932	0.9957	51	49	49	48
2lev_4_4096_8_0	31523	31604	136	0.9932	0.9957	51	49	49	48
2lev_8_512_1_0	31557	31633	107	0.9942	0.9966	51	49	49	48
2lev_8_1024_2_0	31558	31635	105	0.9943	0.9967	51	49	49	48

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2lev_8_2048_3_0	31549	31629	111	0.994	0.9965	51	49	49	48
2lev_8_4096_4_0	31545	31626	114	0.9939	0.9964	51	49	49	48
2lev_8_8192_5_0	31542	31623	117	0.9938	0.9963	51	49	49	48
2lev_8_16384_6_0	31540	31621	119	0.9937	0.9963	51	49	49	48
2lev_8_32768_7_0	31541	31623	117	0.9937	0.9963	51	49	49	48
2lev_8_65536_8_0	31540	31622	118	0.9937	0.9963	51	49	49	48
2lev_1_4_1_1	31526	31617	123	0.9933	0.9961	51	49	49	48
2lev_1_8_2_1	31534	31619	121	0.9935	0.9962	51	49	49	48
2lev_1_16_3_1	31549	31629	111	0.994	0.9965	51	49	49	48
2lev_1_32_4_1	31544	31622	118	0.9938	0.9963	51	49	49	48
2lev_1_64_5_1	31543	31623	117	0.9938	0.9963	51	49	49	48
2lev_1_128_6_1	31541	31621	119	0.9937	0.9963	51	49	49	48
2lev_1_256_7_1	31541	31622	118	0.9937	0.9963	51	49	49	48
2lev_1_512_8_1	31537	31620	120	0.9936	0.9962	51	49	49	48
2lev_2_8_1_1	31533	31615	125	0.9935	0.9961	51	49	49	48
2lev_2_16_2_1	31538	31623	117	0.9936	0.9963	51	49	49	48
2lev_2_32_3_1	31547	31625	115	0.9939	0.9964	51	49	49	48
2lev_2_64_4_1	31546	31626	114	0.9939	0.9964	51	49	49	48
2lev_2_128_5_1	31540	31619	121	0.9937	0.9962	51	49	49	48
2lev_2_256_6_1	31536	31617	123	0.9936	0.9961	51	49	49	48
2lev_2_512_7_1	31537	31618	122	0.9936	0.9962	51	49	49	48
2lev_2_1024_8_1	31535	31617	123	0.9935	0.9961	51	49	49	48
2lev_4_32_1_1	31538	31612	128	0.9936	0.996	51	49	49	48
2lev_4_64_2_1	31546	31623	117	0.9939	0.9963	51	49	49	48
2lev_4_128_3_1	31533	31610	130	0.9935	0.9959	51	49	49	48
2lev_4_256_4_1	31530	31608	132	0.9934	0.9958	51	49	49	48
2lev_4_512_5_1	31530	31612	128	0.9934	0.996	51	49	49	48
2lev_4_1024_6_1	31532	31614	126	0.9934	0.996	51	49	49	48
2lev_4_2048_7_1	31525	31607	133	0.9932	0.9958	51	49	49	48
2lev_4_4096_8_1	31525	31606	134	0.9932	0.9958	51	49	49	48
2lev_8_512_1_1	31558	31643	97	0.9943	0.9969	51	49	49	48
2lev_8_1024_2_1	31555	31638	102	0.9942	0.9968	51	49	49	48
2lev_8_2048_3_1	31545	31630	110	0.9939	0.9965	51	49	49	48
2lev_8_4096_4_1	31538	31625	115	0.9936	0.9964	51	49	49	48
2lev_8_8192_5_1	31533	31620	120	0.9935	0.9962	51	49	49	48
2lev_8_16384_6_1	31526	31613	127	0.9933	0.996	51	49	49	48
2lev_8_32768_7_1	31523	31611	129	0.9932	0.9959	51	49	49	48
2lev_8_65536_8_1	31518	31606	134	0.993	0.9958	51	49	49	48