TWO-BIT LOCAL PREDICTOR

531.deepsjeng_r_branches

localPredictorSize	localCounterBits	Predictor Correctness
2048	1	82.197533
2048	2	85.87059
4096	2	86.647888
8192	2	86.989662
16384	2	87.057266
32768	2	87.057457
65536	2	87.057457

541.leela_r_branches.cpu_trace

localPredictorSize	localCounterBits	Predictor Correctness
2048	1	78.008789
2048	2	82.686928
4096	2	82.814774
8192	2	83.00061
16384	2	83.011482
32768	2	83.012451
65536	2	83.01252

548.exchange2_r_branches.cpu_trace

localPredictorSize	localCounterBits	Predictor Correctness
2048	1	72.234383
2048	2	82.541398
4096	2	82.562042
8192	2	82.570908
16384	2	82.575905
32768	2	82.576729
65536	2	82.577171

TOURNAMENT PREDICTOR

531.deepsjeng_r_branches

localHistoryTableSize	globalPredictorSize	choicePredictorSize	Predictor Correctness
2048	8192	8192	91.214111
4096	8192	8192	91.501961
4096	16384	16384	92.24791
8192	16384	16384	92.353081
8192	32768	32768	92.990631
16384	32768	32768	93.046516

541.leela_r_branches.cpu_trace

localHistoryTableSize	globalPredictorSize	choicePredictorSize	Predictor Correctness
2048	8192	8192	84.405563
4096	8192	8192	84.551926
4096	16384	16384	85.238235
8192	16384	16384	85.318939
8192	32768	32768	86.005333
16384	32768	32768	86.012314

548.exchange2_r_branches.cpu_trace

localHistoryTableSize	globalPredictorSize	choicePredictorSize	Predictor Correctness
2048	8192	8192	95.447472
4096	8192	8192	95.471436
4096	16384	16384	95.683807
8192	16384	16384	95.697006
8192	32768	32768	95.937889
16384	32768	32768	95.948799

gShare PREDICTOR no bit shift

531.deepsjeng_r_branches

globalPredictorSize	Predictor Correctness
8192	87.695053
16384	89.733002
32768	91.29393
65536	92.410385
131072	93.246002
262144	93.822113
524288	94.229744
1048576	94.502731
2097152	94.663322
4194304	94.781227
8388608	94.827225
16777216	94.848518
33554432	94.827934
67108864	94.799828
134217728	94.755203

541.leela_r_branches.cpu_trace

globalPredictorSize	Predictor Correctness
8192	79.727676
16384	81.566856
32768	83.207008
65536	84.694702
131072	85.869598
262144	86.837502
524288	87.608902
1048576	88.207291
2097152	88.69651
4194304	89.089455
8388608	89.420914
16777216	89.648338
33554432	89.791473
67108864	89.927452
134217728	89.95845

548.exchange2_r_branches.cpu_trace

globalPredictorSize	Predictor Correctness
8192	92.821175
16384	93.692764
32768	94.376556
65536	95.005775

gShare PREDICTOR bit shift

531.deepsjeng_r_branches

globalPredictorSize	Predictor Correctness
8192	82.395012
16384	85.289474
32768	87.695053

541.leela_r_branches.cpu_trace

globalPredictorSize	Predictor Correctness
8192	75.462029
16384	77.581154
32768	79.727676

548.exchange2_r_branches.cpu_trace

globalPredictorSize	Predictor Correctness
8192	89.650146
16384	91.617897
32768	92.821175

	131072		95.541512					
	262144		95.920792					
	524288		96.277855					
	1048576		96.496521					
	2097152		96.637077					
	4194304		96.788048					
	8388608		96.895683					
	16777216		96.99305					
	33554432		97.057755					
	67108864		97.110954					
	134217728		97.124611					