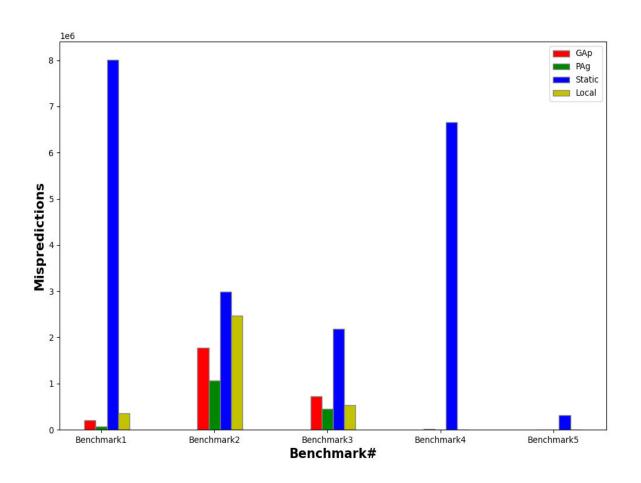
O3CPU	STATIC		LOCAL		GAP		PAG	
	IPC	BMR	IPC	BMR	IPC	BMR	IPC	BMR
Benchmark1	0.11560 2	24.7%	0.12127	1.8%	0.12275	1.1%	0.12358	0.40%
Benchmark2	0.79626 6	17.5%	0.85312	15.4%	1.01720 5	12.1%	1.20911	7.7%
Benchmark3	0.67277 8	42.7%	1.37072 6	16%	1.22814	21.7%	1.44404	14.08%
Benchmark4	0.06421	48.7%	0.06428 7	0.07%	0.06428	0.1%	0.06428	0.05%
Benchmark5	0.52542 0	31%	0.52799 6	0.21%	0.52796 8	0.29%	0.52800	0.19%

The above measurements resulted from the simulation executed with the following values:

For Static: BTB Entries: 1024

riguite i — U A

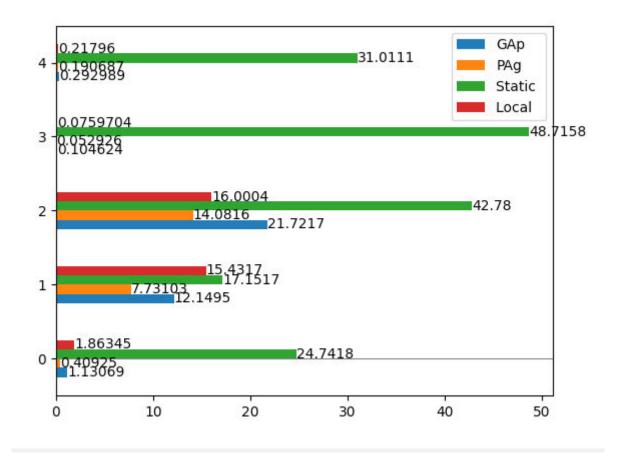


For Local: BTB Entries: 1024 Predictor Size: 32 Predictor Bits: 2

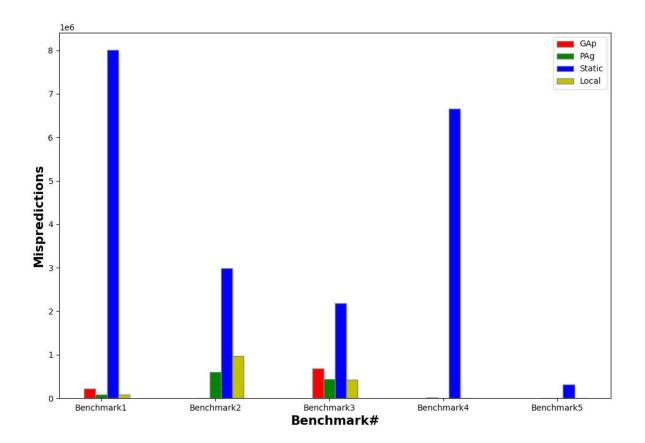
For Gap: BTB Entries: 1024 History Size: 5 Ptable Height: 32 Ptable Width: 32 Predictor Bits: 3 For Pag: BTB Entries: 1024 Ltable Height: 256 Lhistory width: 5 Gtable Height: 32 Gpred Size: 3

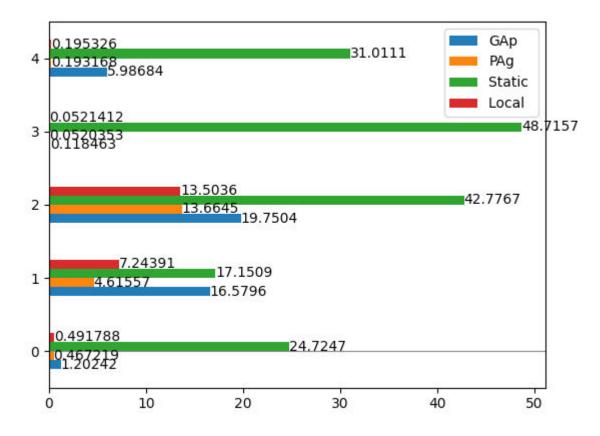
Number of mispredictions

BMR PLOT



Running the simulation with memory upper limit of 2048 we get the following results:





Clearly in this case Pag achieves the best performance in 4 out of 5 benchmarks In benchmark 3 local predictor is better by 0.1 %