

Appendix

Figure 1: Table of all results

gcc_memref.out																
	4KB Total Miss Rate	4KB Read Miss Rate	4KB Write Miss Rate	8KB Total Miss Rate	8KB Read Miss Rate	8KB Write Miss Rate	16KB Total Miss Rate	16KB Read Miss Rate	16KB Write Miss Rate	32KB Total Miss Rate	32KB Read Miss Rate	32KB Write Miss Rate	64KB Total Miss Rate	64KB Read Miss Rate	64KB Write Miss Rate	
direct mapped	8.81%	11.95%	2.58%	6.95%	9.67%	1.56%	5.61%	7.92%	1.02%	4.49%	6.44%	0.60%	3.56%	5.23%	0.24%	
2-way associative	6.81%	9.74%	1.00%	5.55%	8.03%	0.62%	4.57%	6.68%	0.38%	3.74%	5.50%	0.24%	3.07%	4.54%	0.13%	
4-way associative	6.40%	9.20%	0.83%	5.27%	7.67%	0.51%	4.41%	6.47%	0.32%	3.54%	5.24%	0.17%	2.89%	4.29%	0.10%	
8-way associative	6.16%	8.86%	0.80%	5.17%	7.54%	0.47%	4.35%	6.40%	0.29%	3.43%	5.08%	0.16%	2.81%	4.18%	0.09%	
16-way associative	6.03%	8.68%	0.75%	5.13%	7.48%	0.45%	4.35%	6.39%	0.29%	3.37%	4.99%	0.15%	2.79%	4.15%	0.09%	

mcf_memref.out																
	4KB Total Miss Rate	4KB Read Miss Rate	4KB Write Miss Rate	8KB Total Miss Rate	8KB Read Miss Rate	8KB Write Miss Rate	16KB Total Miss Rate	16KB Read Miss Rate	16KB Write Miss Rate	32KB Total Miss Rate	32KB Read Miss Rate	32KB Write Miss Rate	64KB Total Miss Rate	64KB Read Miss Rate	64KB Write Miss Rate	
direct mapped	40.33%	44.14%	16.98%	31.98%	34.59%	15.99%	26.28%	28.09%	15.23%	21.83%	23.09%	14.10%	15.15%	15.71%	11.72%	
2-way associative	35.75%	38.90%	16.42%	28.65%	30.78%	15.58%	23.12%	24.47%	14.81%	17.85%	18.51%	13.78%	13.62%	13.95%	11.60%	
4-way associative	32.93%	35.67%	16.17%	26.17%	27.92%	15.45%	22.27%	23.49%	14.76%	17.31%	17.88%	13.81%	11.28%	11.25%	11.48%	
8-way associative	31.12%	33.58%	16.08%	25.16%	26.75%	15.40%	22.06%	23.25%	14.74%	17.39%	17.97%	13.82%	11.33%	11.27%	11.70%	
16-way associative	29.74%	31.98%	15.98%	24.79%	26.33%	15.38%	22.02%	23.21%	14.74%	17.53%	18.14%	13.79%	11.31%	11.24%	11.78%	

