	Benchmark	MATRIXMUL				
	Data type	32				
	Number of rows	32	64	128	256	512
Exec. time	Native	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Ours	0.7	1.7	9	76.5	600.1
	ACCELSIM	1.6	2.6	8.3	51.9	427.6
Cycles	Native	9.4K	13.5K	21.8K	71.3K	342.8K
	Ours	7.7K	9.8K	14.3K	52.3K	302.3K
	ACCELSIM	8.1K	10.4K	16.1K	53.1K	300.7K
Instruction count	Native	139.3K	933.9K	6.8M	51.1M	397.4M
	Ours	143.4K	950.3K	6.8M	51.4M	398.5M
	ACCELSIM	143.4K	950.3K	6.8M	51.4M	398.5M
L1 accesses	Native	256	2K	16.4K	131.1K	1M
	Ours	256	2K	16.4K	131.1K	1M
	ACCELSIM	256	2K	16.4K	131.1K	1M
L1 hit rate	Native	0%	0%	0%	0%	0%
	Ours	0%	0%	0%	0%	0%
	ACCELSIM	0%	0%	0%	0%	0%
L2 read hits	Native	256	2K	16.4K	131.1K	995.5K
	Ours	256	2K	16.4K	131.1K	983K
	ACCELSIM	0	1K	12.3K	114.7K	982.8K
L2 read hit rate (%)	Native	100%	100%	100%	100%	94.93%
	Ours	100%	100%	100%	100%	93.75%
	ACCELSIM	0%	50%	75%	87.5%	93.72%
L2 write hits	Native	128	512	2K	8.2K	23K
	Ours	128	512	2K	8.2K	31.3K
	ACCELSIM	0	0	0	0	0
L2 write hit rate (%)	Native	100%	100%	100%	100%	70.21%
	Ours	100%	100%	100%	100%	95.65%
	ACCELSIM	0%	0%	0%	0%	0%
DRAM reads	Native	0	0	0	0	53.2K
	Ours	0	0	0	0	65.5K
	ACCELSIM	384	1.5K	6.1K	24.6K	98.6K
DRAM writes	Native	0	0	12	25	13.6K
	Ours	0	0	0	0	1.4K
	ACCELSIM	128	512	2K	8.2K	32.8K