| | | ACCELSIM | MICROGPUSIM | MICROGPUSIM (memory only) | MICROGPUSIM (trace reconstr.) |
|--|-------|----------|-----------------------|------------------------------|-------------------------------|
| Transpose (6 benchmark configurations) @ 28 SM's [blocks/SM > 1] | | | | | |
| Norm. DRAM reads | RMSE | 45.49% | 6.93% | 6.93% | 6.93% |
| | MAE | 44.63% | 3.01% | 3.01% | 3.01% |
| | Corr. | 0.839 | 0.854 | 0.854 | 0.854 |
| Norm. DRAM writes | RMSE | 66.56% | 18.38% | 18.38% | 18.38% |
| | MAE | 59.63% | 7.58% | 7.58% | 7.58% |
| | Corr. | 0.173 | | | |
| L1D hit rate | RMSE | 0.00% | 0.00% | 0.00% | 0.00% |
| | MAE | 0.00% | 0.00% | 0.00% | 0.00% |
| | Corr. | 1.000 | 1.000 | 1.000 | 1.000 |
| L2D hit rate | RMSE | 72.54% | 14.18% | 14.18% | 14.18% |
| | MAE | 66.72% | 6.91% | 6.91% | 6.91% |
| | Corr. | 0.355 | 1.000 | 1.000 | 1.000 |
| Cycles | RMSPE | 38.30% | 7.32% | 8.41% | 13.54% |
| | MAPE | 27.22% | $\boldsymbol{5.76\%}$ | 7.60% | 12.97% |
| | Corr. | 0.911 | 0.999 | 0.999 | 0.999 |