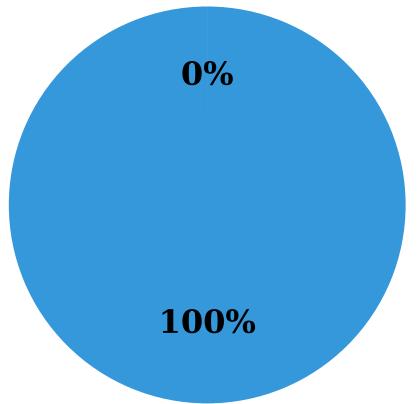
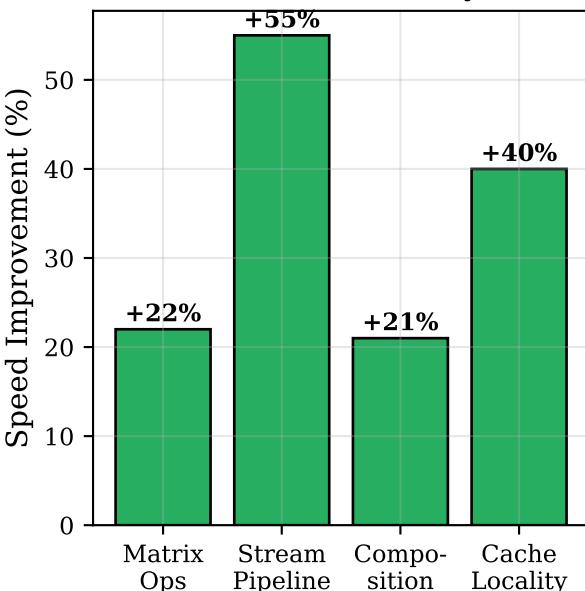


ATOMiK vs SCORE: Benchmark Summary Dashboard

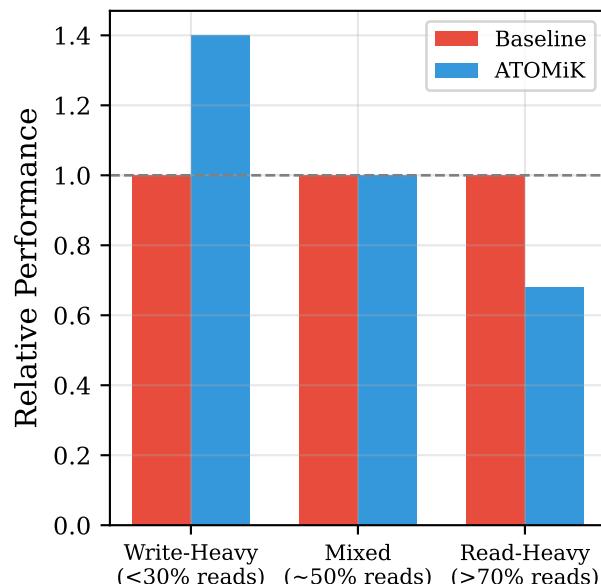
(a) Memory Traffic Reduction



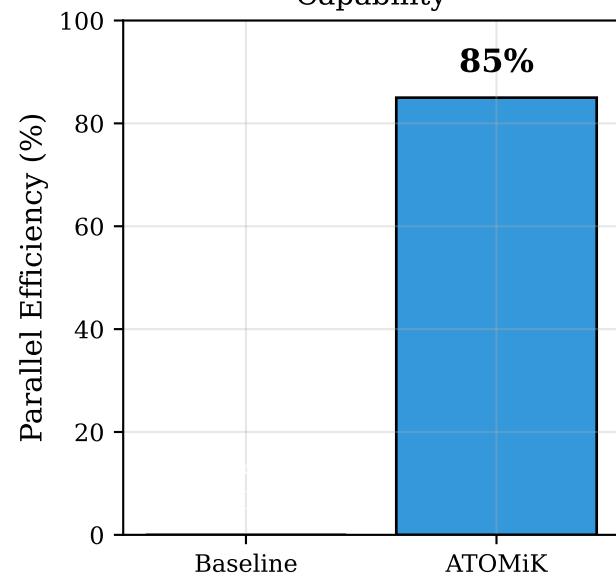
(b) Execution Speed Gains (Write-Heavy)



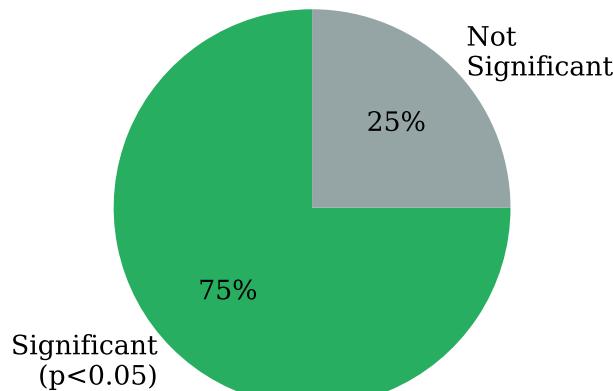
(c) Workload Trade-offs



(d) Parallelization Capability



(e) Statistical Significance



(f) Summary

Key Results Summary

Memory Traffic: 95-100% ↓
Speed (writes): +22-55%
Speed (reads): -32%
Parallel Eff.: 85% vs 0%
Measurements: 360 total
Tests Passing: 45/45