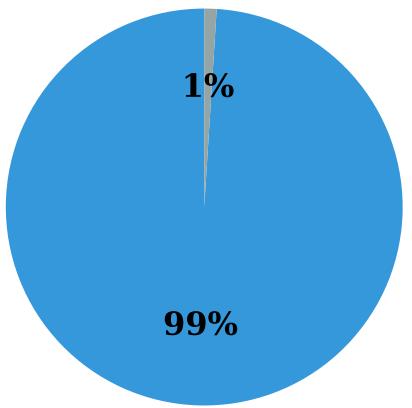
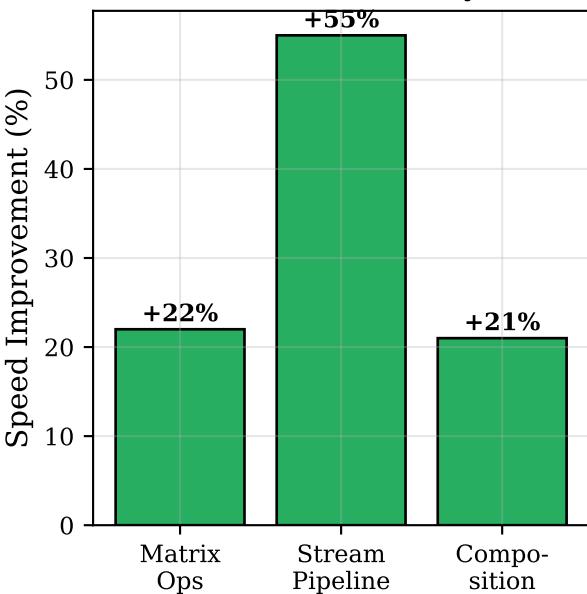


ATOMiK vs SCORE: Benchmark Summary Dashboard

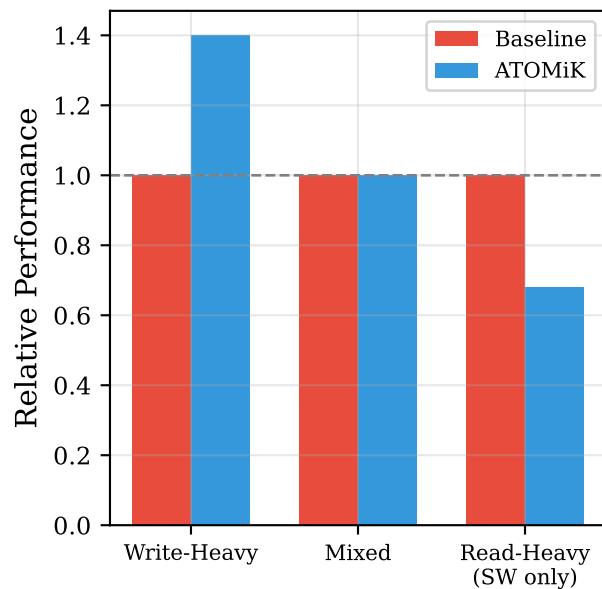
(a) Memory Traffic Reduction



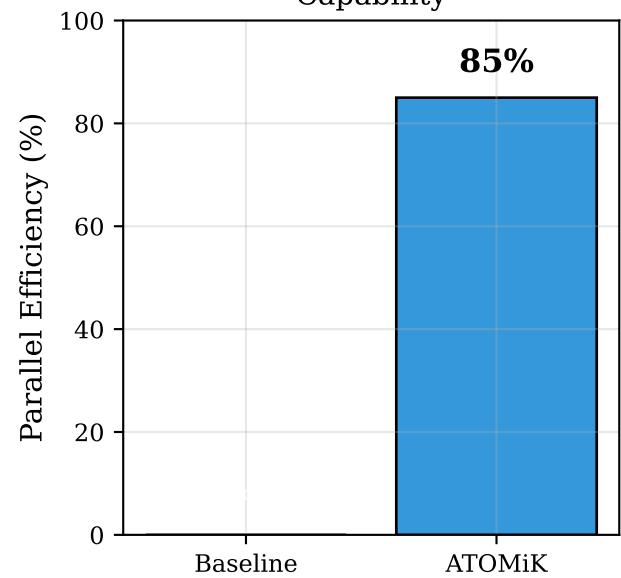
(b) Execution Speed Gains (Write-Heavy)



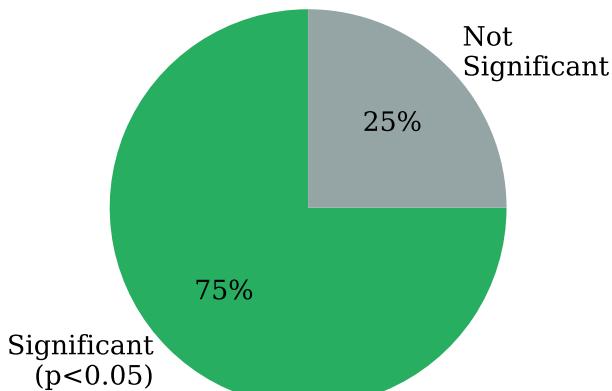
(c) Workload Trade-offs



(d) Parallelization Capability



(e) Statistical Significance



(f) Summary

Key Results Summary	
Memory Traffic:	95-100% ↓
Speed (writes):	+22-55%
Hardware:	Uniform 0(1)
Parallel Eff.:	85% vs 0%
Measurements:	360 total
HW Tests:	10/10 pass