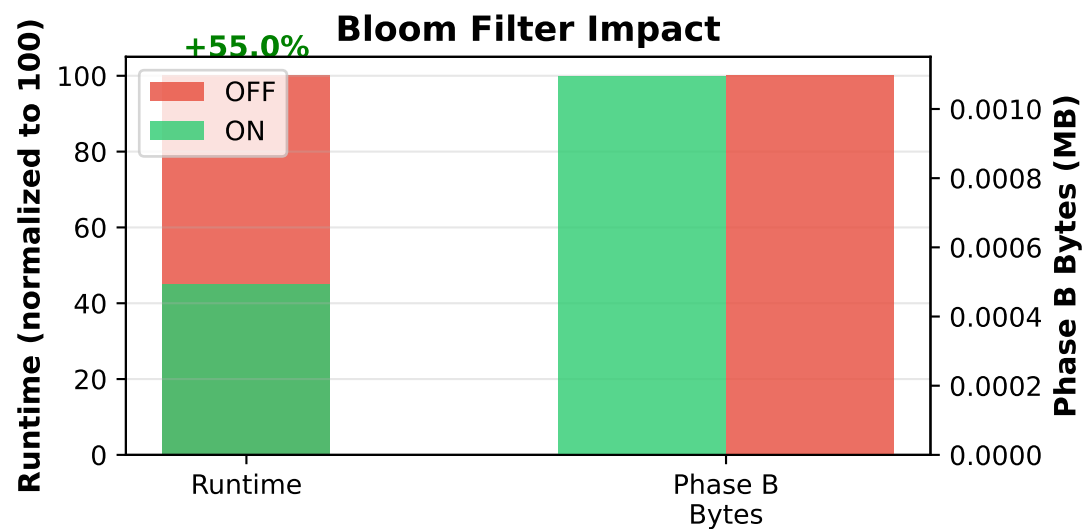
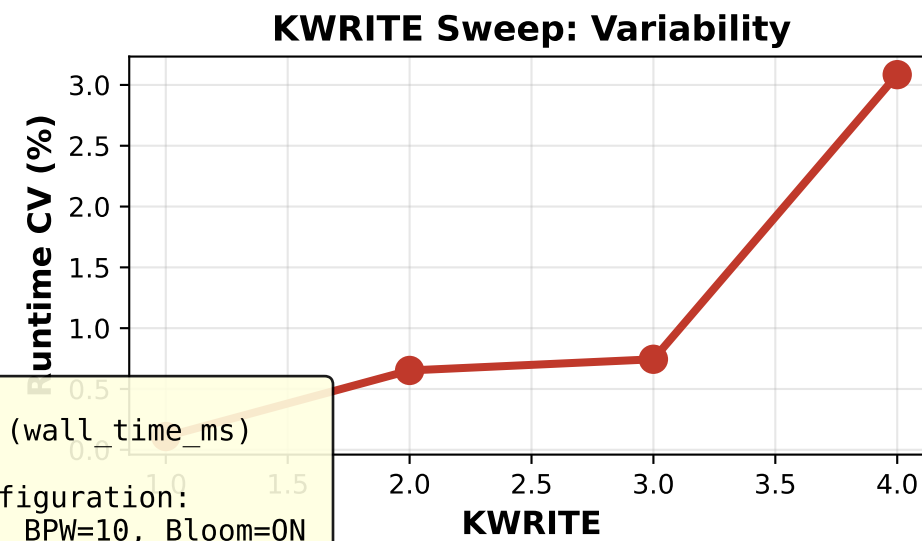
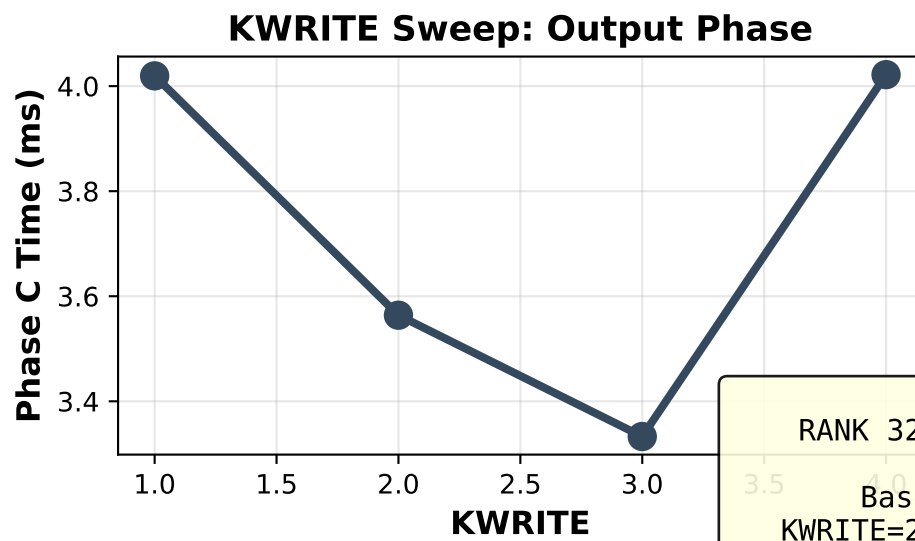
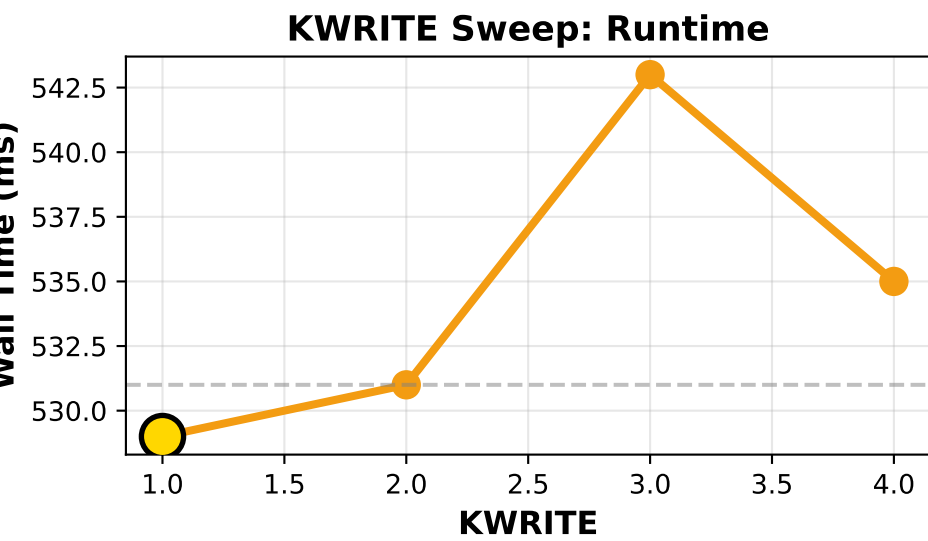
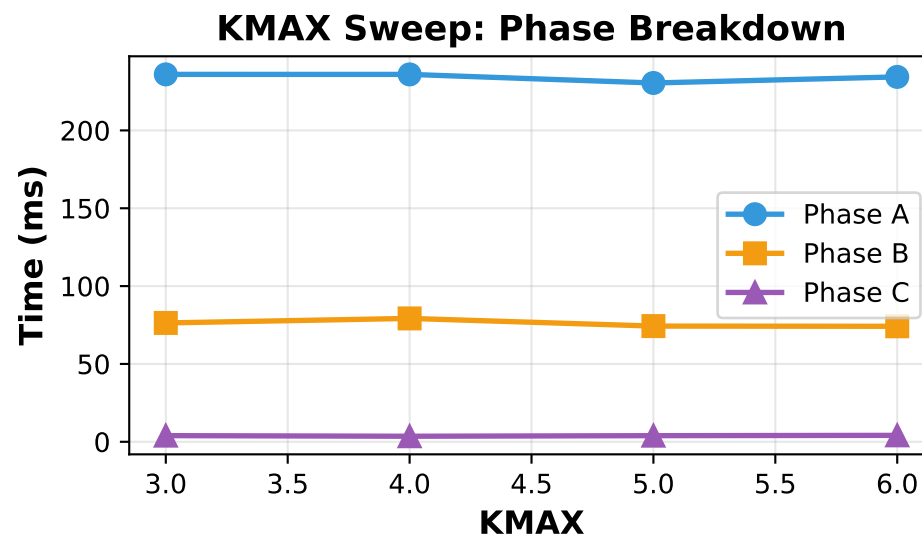
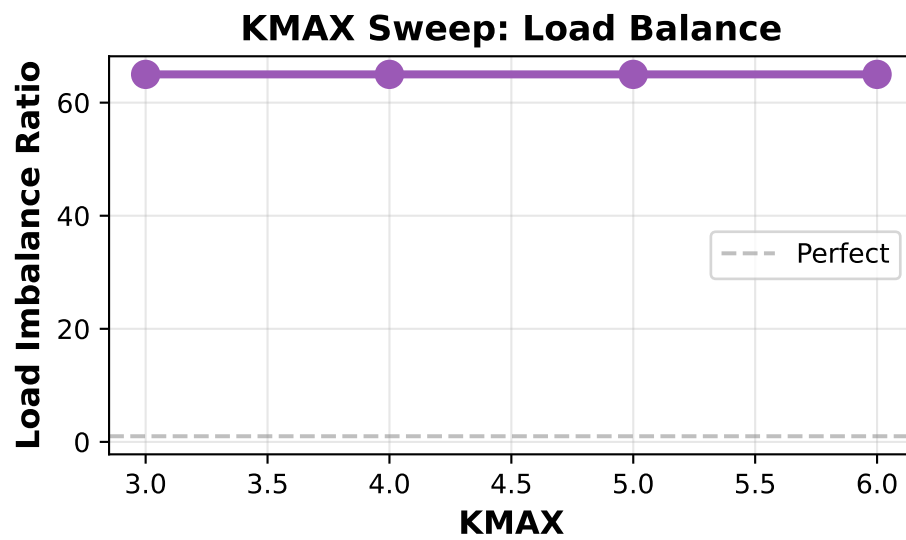
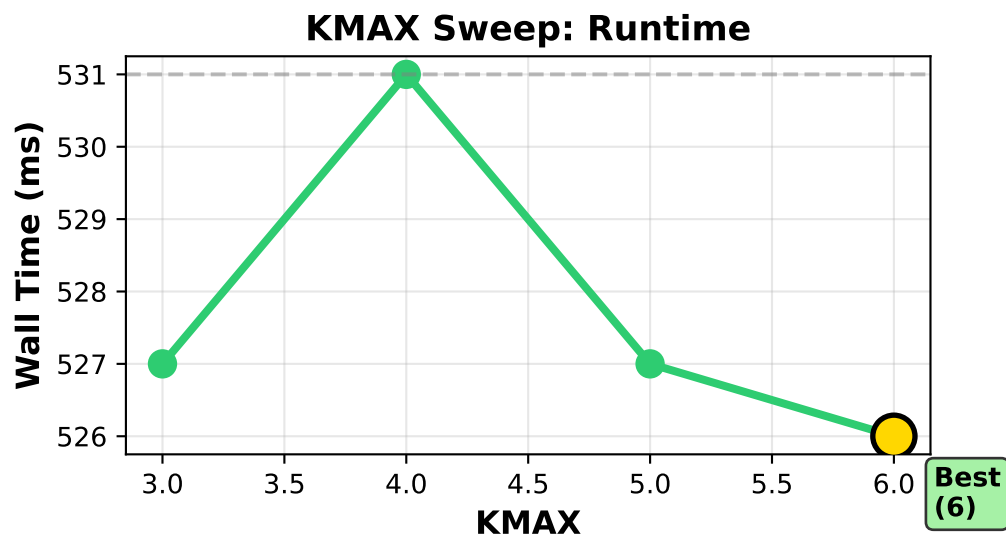
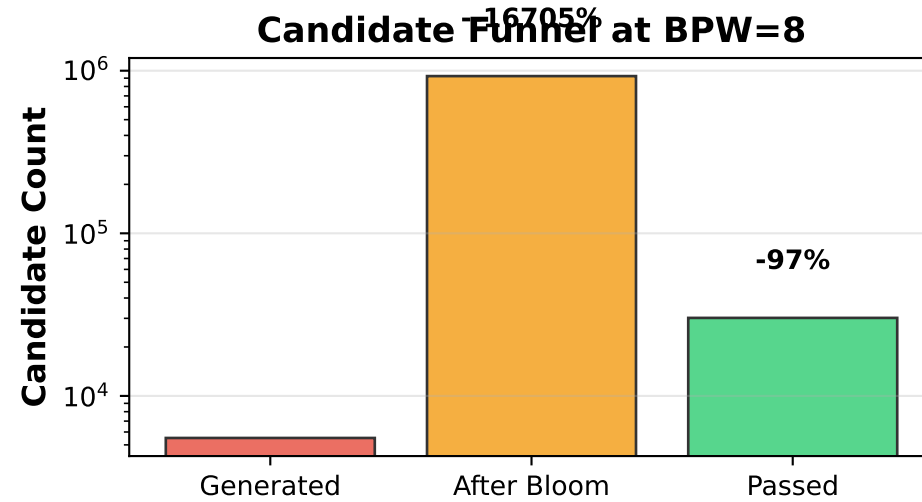
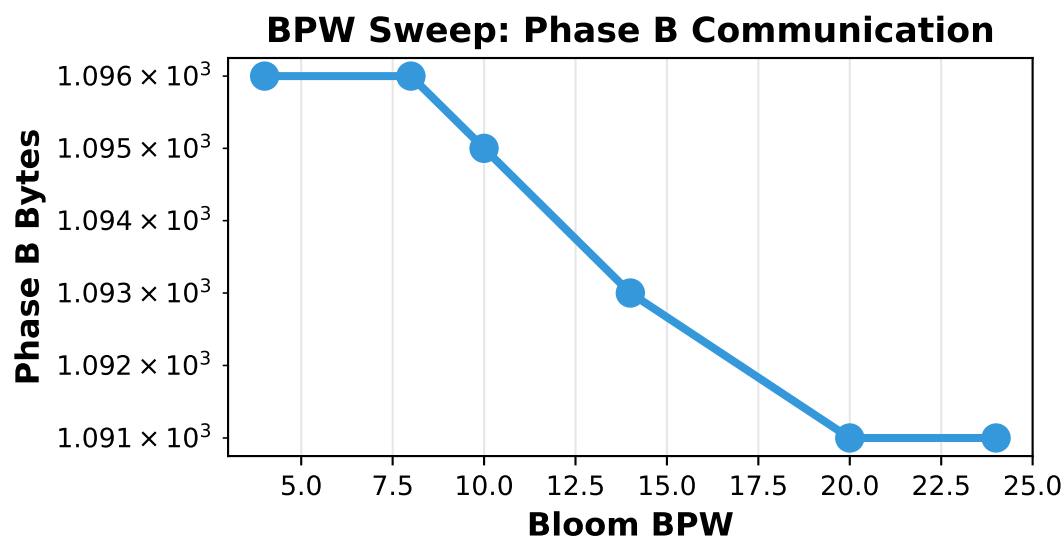
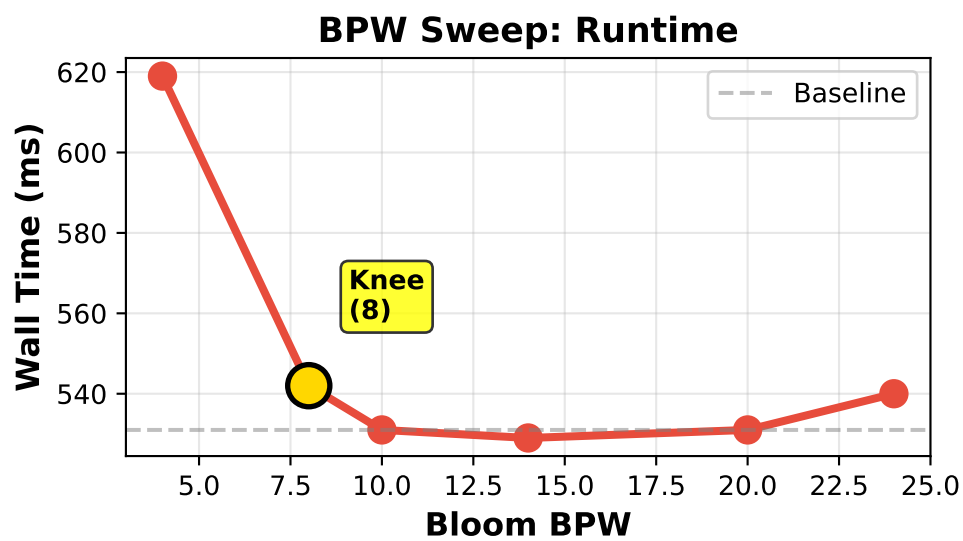


R=32: Single-Factor Parameter Sweeps (wall_time_ms)



RANK 32 SUMMARY (wall_time_ms)

Baseline Configuration:
KWRITE=2, KMAX=4, BPW=10, Bloom=ON
Time: 531 ms
CV: 0.65%

Best Configurations:
BPW sweep: 14 → 529 ms (0.4% faster)
KMAX sweep: 6 → 526 ms
KWRITE sweep: 1 → 529 ms

Phase Breakdown (baseline):
Phase A: 236 ms (44.4%)
Phase B: 79 ms (14.9%)
Phase C: 4 ms (0.7%)

Communication:
Total Messages: 51233990
Total Bytes: 3.90e+05
Load Balance: 65.00

Memory:
Peak RSS: 0 MB

R=32: BPW × KMAX Interaction (KWRITE=2, Bloom ON)

