

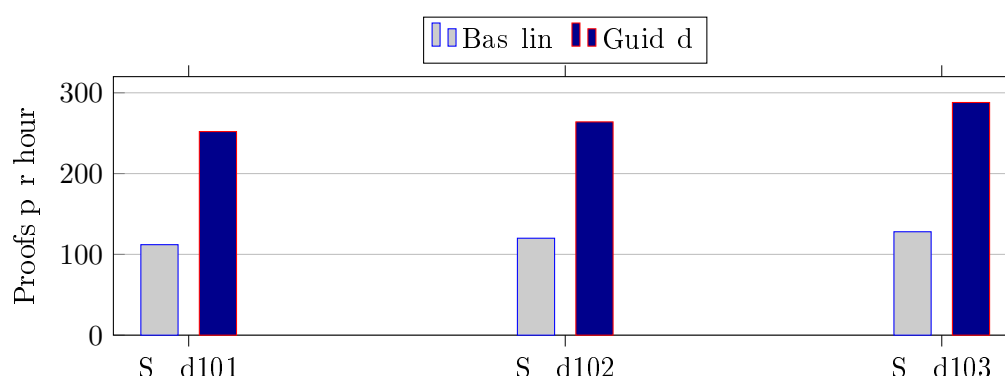
MathLedger PL-2 Flywheel Release Candidate

Verifier uplift summary for replicated A/B campaign

Executive Metrics

- Main throughput uplift: **$2.23\times$** (Baseline 120 pph \rightarrow Guided 268 pph).
- Replicates: **3 per mode** (sets 101–103); 15 min wall clock per run.
- Distinct ledger anchors: BL 7064 9d 087e1d 4df8978db4636c d47c963f7d9 55bfedf 9dd12b 4994c, Guided 336c6e62fd0b5dbd9fb1f9fd388d9edd4fbe904c9cc3b5cfbf392c d14862b.

Replica Throughput



Ledger Snapshots

- Baseline S d101 (15 min): 706...4994c
- Baseline S d102 (15 min): 0c44...96c1
- Baseline S d103 (15 min): d8 b...10fe
- Guided S d101 (15 min): 336c...862b
- Guided S d102 (15 min): c721...187c
- Guided S d103 (15 min): e7f6...c c7

Verification Notes

- Policy 40 ff2e9d2d8922e47 fd4648e6967497158785fbd1d 870e7110266bf944880 applied only on guided replicates; baseline remains unguided.
- Pairing us sid ntical budg ts (15 min) and l dgr ing stion policy; uplift computed as $\frac{\text{man}(G)}{\text{man}(B)}$.
- Toolchain pins: lat xmk (MiKT X 24.1) - pgfplots 1.18 - Python 3.11 pip lin .