

Run the Phi9 offline research workflow

Public source-only edition · 2 October 2026. Python 3.10+ on POSIX/Linux; standard library only. Unzip phi9-working-system-source.zip and enter its phi9-release-system directory. This download does not contain runs/ready-v1 or private execution receipts.

Execute and replay

Choose a new output path. Existing directories are never overwritten. Open runs/my-run/research-report.html after completion. Status reads receipts; replay re-executes and checks the files.

```
python3 release.py run --output runs/my-run
python3 release.py replay --output runs/my-run
python3 release.py status --output runs/my-run
python3 -m unittest -v test_release
```

What executes

1,440 frozen-protocol baseline cases, 2,880 matched primary cases and 1,536 exhaustive controls: 5,856 learner cases. The runner also executes the archived Codex program, a representation calculation and the existing versioned artifact pipeline. The retained release passed 75 engineering tests; these are not 75 model trials.

Interpret the result

The original 518 correct / 272 wrong / 650 other outcomes remain separate from new seeds. In the new primary arm, cap 12 gives 514 correct / 273 wrong / 653 other / 0 accepted; cap 13 gives 653 / 134 / 653 / 293 accepted. Each arm has 1,440 cases. The separate exhaustive control disables early-singleton stopping: complete cubic hypotheses plus full observations recover all 384 cases; a restricted family or insufficient observations do not.

Limits

Finite noiseless enumeration, not general discovery or equal-spend superiority. Higher caps and richer families use more observations and modeled computation. Archived program execution makes no new model call. This is trusted local Python, not a security sandbox or hosted autonomous service. No account access, live sensing, publishing or provider charges are part of this workflow. Downloads do not grant a blanket commercial licence.