

No discrepancies found.

1. Timing and consistency with frozen rules

- Preregistration commit `fa4a077` (2026-10-10T12:50:44Z) precedes the real-data results commit `250457c` (2026-10-10T13:12:46Z).
- `results/frozen_v02_baselines.json` "created": "2026-10-10T14:55:47+0200" (12:55:47Z) falls after the preregistration commit and before the results commit.
- Results (commit message + `docs/RESULTS.md` v0.2 section) use the two-stage estimator, $t_{\max} = 1$ yr, SE factor 1.25, 1995–2025 windows, the three pairs with BH, and the H2.2 classes exactly as frozen. No inconsistencies.

2. SHA-256 consistency and v0.1.0 identity

- `PREREGISTRATION_v0.2.md`, `results/frozen_v02_preregistration.json` and `tests/test_v02_prereg.py` all agree on `af7a5d02b6d81e37ba989058968f913e5e821876f98926dcca924560d3d927d3` (verified by direct hash of the file on `v0.2-dev`).
- Baselines hash `e2fc568c93622c97607c122c210ed5fcccace0d2440b8cd420fddd931be9f401` matches the test and the file.
- `results/frozen_confirmatory_parameters.json` and `results/frozen_monitoring_indicators.json` on `v0.2-dev` are byte-identical to tag `v0.1.0` (hashes `5bccd4cab0ba2d0143c4736c44355b24b6eb6356ca82ba0419fff22c71b4b3cb` and `8ae57131325eda3ffb855f0437a649eb5adb0a32ae4e2fd0ec35f515cb87fb0f`).

3. C2 specification completeness

C2 is fully specified for a third party to run in 2030 (data window start 2027-01-01, looks/alphas, statistic, SE formula, catalogue rules, frozen baselines).

Remaining degrees of freedom (implementation / edge-case only):

- Exact numerical settings of `etas_nonstat.mu_window_mle` (optimizer, tolerances, starting values, floating-point).
- Handling of future catalogue magnitude revisions or late additions (“magnitudes as reported at the time of the look”).
- Precise treatment of incomplete catalogue coverage at the look dates and the exact set of “previous-year” history events.

- Software/environment version for the likelihood evaluation (frozen parameters reduce but do not eliminate this).
- Exact SE computation details for the monitoring flags M6/M7 (NN threshold is frozen, but application code is not re-hashed).

4. Labelling of H2/H3 and exploratory checks

H2/H3 are labelled retrospective in `PREREGISTRATION_v0.2.md` (section 1 table and surrounding text). In `docs/RESULTS.md` the v0.2 section points back to that document, states the rules were frozen before the runs, and clearly separates the exploratory H2.1 start-year/robustness checks (**Explorativ** paragraph and `m2_exploratory_robustness.csv`) from the preregistered 1995–2025 result.

5. Zenodo minimum before 2027-01-01

Create and publish a GitHub release (e.g. `v0.2.0`) that includes `PREREGISTRATION_v0.2.md` , `results/frozen_v02_preregistration.json` and `results/frozen_v02_baselines.json` . That is the minimum action that enables Zenodo archiving (via GitHub integration or manual upload) with a timestamp before the C2 window opens