Data audit

Eleutherodactylus Research Course · Fall 2026

Tom Devitt

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Today is a status check

Nothing is graded on how far your team got. We find out where each notebook stands and what is blocking it, so the next two weeks go to the right fixes.

Milestone 2 (clean data file plus a notebook that renders from scratch) is now due Monday, Nov 2.

Now	Work on your notebook. Tom and the mentors visit each team for about 5 minutes.
Last 10 minutes	Fill in your team's status card and post it on Canvas.

Where is your notebook?

Pick the highest step you can say yes to. (To *render* is to run the whole notebook from the top and produce the finished page.)

1. It renders from a fresh session through Step 2 (looking at recordings).
2. Everyone's selections are merged into one file, and you know the row count (how many rows the file has).
3. Every call has measurements, and you have looked at the biggest and smallest values.
4. You have a clean data file and a summary table (n, mean, SD, range).

Being at step 1 or 2 today is normal.

Team 1 uses the same four steps with your own stages: detector runs, test set built, clips labeled, scores and the TP/FP/FN/TN table.

Three questions we will ask

- Can you show me one row in your data and the recording it came from?
- How many rows do you have, and how many did you expect?
- What is the one thing you would fix first if you had another hour?

Status card (post on Canvas before you leave)

One per team, a few sentences:

- The highest step you reached (1 to 4)
- Your row count, if you have one
- What is blocking you
- What you will do before Wednesday

What comes next

Date	What
Wed Oct 28	Publication-quality figures lesson, then a figure sprint. If your data is not clean yet, bring the notebook and keep working on it alongside the figures.
Mon Nov 2	**Milestone 2** due: clean data and QC notebook
Mon Nov 16	**Milestone 3:** complete figures and results (Nov 9 and 11 are a catch-up week)

Credits

Prepared with Claude Code (Claude Sonnet 5.5, Anthropic): first draft from the Canvas announcement.