Exercise 1 — Participants First, Then Survey

Time: 20 min
Goal: Import `wellbeing.tsv` in two passes: participant data first (dedicated tab), questionnaire data second.

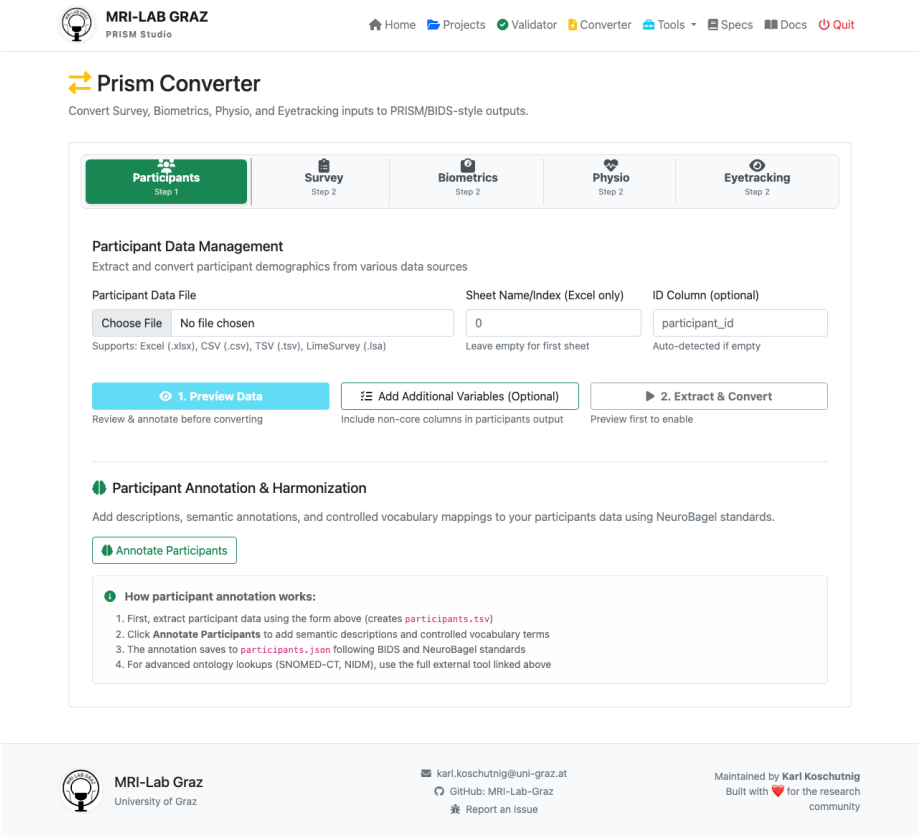

Figure 1: Exercise 1 Converter Screenshot

Input

- `raw_data/wellbeing.tsv`
- Active project from Exercise 0

Why this is split

Most real datasets store socio-demographics and questionnaire responses in one file.
PRISM handles this cleanly with a two-step workflow:

1. **Participants tab** → build clean `participants.tsv`
2. **Survey tab** → convert questionnaire items into survey files

If your UI changed, regenerate this screenshot via Heroshot (`cd .heroshot && npx heroshot`) before the workshop.

Do this

A) Participant import (dedicated tab)

1. Go to **Converter** → **Participants** tab.
2. Load `raw_data/wellbeing.tsv`.
3. Map participant fields (for example):
   - `participant_id` → participant id
   - `session` → session
   - `age`, `sex`, `education`, `handedness` → participant variables
4. Apply/confirm value mappings where needed (for example sex codes).
5. Run participant import.

B) Survey conversion (questionnaire)

1. Stay in **Converter**, switch to **Survey** tab.
2. Load `raw_data/wellbeing.tsv` again.
3. Use questionnaire columns only (`WB01`–`WB05`).
4. Set task name `wellbeing`, modality `survey`.
5. Enable sidecar generation.
6. Convert survey data.

Done when

- `rawdata/participants.tsv` exists and contains clean participant columns.
- Survey files exist under `rawdata/sub-*/ses-*/survey/`.
- Each survey `.tsv` has a matching `.json` sidecar.
- Filename pattern looks like: `sub-<id>_ses-<id>_task-wellbeing_survey.tsv`

Quick check

Run **Validate** once after both steps. Structure should pass; metadata warnings are expected and fixed later.

Next

Go to `../exercise_2_hunting_errors/INSTRUCTIONS.md`.