

Exercise 3 — Recipes

Time: 20 min

Goal: Score wellbeing data automatically and export an analysis file.

Input

- Dataset from previous steps
- `recipe-wellbeing.json`

Do this

1. Open **Recipes**.
2. Select your dataset folder.
3. Select modality **survey**.
4. Select recipe **wellbeing**.
5. Export as SPSS (`.save`) (or `.xlsx`).
6. Run scoring/export.

Done when

- Output file is created in project output/derivatives area.
- A scored column (for example `wellbeing_total`) exists.
- File opens in SPSS/Jamovi/Excel.

Next

Go to `../exercise_4_templates/INSTRUCTIONS.md`.

The screenshot shows the MRI-LAB GRAZ PRISM Studio application. At the top, there is a navigation bar with icons for Home, Projects, Validator, Converter, Tools, Specs, Docs, and Quit. The main title is "Recipes & Scoring". Below the title, there is a light blue box containing a bulleted list under the heading "What are recipes?". It states that recipes are JSON files defining scoring and processing rules for survey data. They extract computed scales/subscales from raw responses and export them in formats like SPSS, R, CSV, and Excel. The "How it works:" section lists four points: 1. Recipes are automatically discovered from `code/recipes/{modality}/` (project-local). 2. Fails back to global `official/recipes/{modality}/` if no project recipes are found. 3. Processing runs on your current project's dataset. 4. Scored outputs are saved to `derivatives/{modality}/`. A yellow warning box at the bottom left says "⚠ No project loaded. Please select or create a project from the Projects page to use recipes." The main content area is titled "Process & Export". It includes sections for "Modality" (Survey), "Output Format" (CSV (includes metadata & Jamovi R-Helper)), "Sessions" (All sessions (default) checked), "File Output" (Separate file per survey selected), "Advanced (optional)" (Recipe Filter e.g. ads,psqi, Language English, Layout Long (one row per session)), and "Data Sharing & Anonymization" (Anonymize for Sharing checked, Mask Copyrighted Questions unchecked). At the bottom right of the main content area is a blue "Run Processing" button. The footer contains the MRI-Lab Graz logo, contact information (karl.koschutnig@uni-graz.at, GitHub: MRI-Lab-Graz, Report an Issue), and credits (Maintained by Karl Koschutnig, Built with ❤ for the research community).

Figure 1: Recipes