Charmstats

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Meet Sarah and Marco

Sarah and Marco are collaborating on a research project that requires data harmonization.
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Sarah and Marco are collaborating on a research project that requires data harmonization.

They collect the relevant literature.

They plan a harmonization coding structure.

They recode variables and save the syntax in a file, in a folder, somewhere on a hard drive.

Sarah and Marco have information in printed, handwritten and electronic formats.
What Quick CharmStats Does

Here is how Sarah and Marco could harmonize their data in QuickCharmStats

**What they put into QCS**

- Variable and study metadata imported from SPSS, Stata
- Literature or other documentation
- All their notes and coding decision
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**What they put into QCS**

- Variable and study metadata imported from SPSS, Stata
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**What they get out of QCS**

- Syntax for SPSS or Stata
- Detailed Reports generated as .html links
- Graphs to visually represent the harmonization
How QuickCharmStats Works

Step 1: Import from your data
Let’s say this is your data, stored in either SPSS or Stata.

Using QCS, import variable metadata into the MySQL database.
Step 2: Create a Project

Marital Status

Each Project in QCS must have 1 target (harmonized) variable and at least 1 source variable.
CharmStats Works

Add links to online documentation, keep all your notes in one place.

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QuickCharmStats

Notes and lit
Step 2: Create a Project

Marital Status

Each Project in QCS must have 1 target (harmonized) variable and at least 1 source variable.

Step 3: Search for variables and save them to the Basket
Online tutorial, keep all in one place

Step 2: Create a Project

Marital Status
Each Project in QCS must have 1 target (harmonized) variable and at least 1 source variable.

Step 3: Search for variables and save them to the Basket

Step 4: Import the variables you want to work with into the project.
Step 5: Map the Source variable response options to the Target variable.
Create a Project

Last step: QCS Projects generate

Syntax in SPSS or Stata

Reports for complete information and to organize your work

Marital Status

Graphs to display your coding structure

Each Project in QCS must have...
Meet Sarah and Marco

Sarah and Marco are collaborating on a research project that requires data harmonization. They collect the relevant literature and they plan a harmonization coding structure. They recode variables and save the syntax in a file, in a folder, somewhere on a hard drive. Sarah and Marco have information in printed, handwritten, and electronic formats.

Don't just harmonize your data
Make it charming

What Quick CharmStats Does

Here is how Sarah and Marco could harmonize their data in QuickCharmStats:

- What they put into QCS
  - Variable and study metadata imported from SPSS, Stata, literature or other documentation
  - All their notes and coding decision

- What they get out of QCS
  - Syntax for SPSS or Stata
  - Detailed reports generated as .html links
  - Graphs to visually represent the harmonization

How QuickCharmStats Works

Steps 1: Import from your data
Let's say this is your data, stored in either SPSS or Stata.

1. Add links to online documentation. Map all
   your notes in one place.

2. Create a Project

3. Import using QCS, import variable metadata into the MySQL database

4. Import the variables you want to work with into the project.

5. Map the variables to the target variable

6. Search for variables and save them to the Basket

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