BREVE

Breve is a tool for visually reviewing data tables.* It comes in two flavors: *Breve-edit* and *Breve-view*.

Breve-edit can be useful at any stage in the research process when a high-level review of data and quick, simple edits are in order. Mismatched values— according to a dimension's assigned data type—are highlighted to aide the editing of messy data.

Breve-view is a non-editable version of Breve that give reviewers a quick overview of data tables as well as the ability to dive in to values record by record. Breve-view can complement a data schema in the peer-review process.

*Breve is inspired by Victor Powell's CSV Fingerprints.

OVERVIEW

1. BREVE-VIEW: Non-editable view of tabular data

Multiple tables can be viewed at once.

Livesearch for values per table highlights cells.

Metadata revealed:

- Multiple values are indicated at the column level (M)
- Number of records per column
- Column data type
- Column data source type with specific source annotation
- Column link

Views:

- Map the gaps view (gray and white)
- Map by data types (colored with shading for more granular data type identification)
- Sort by data types (colored)
- Row data view

2. BREVE-EDIT : Editable view of tabular data

Actions:

- A. Upload multiple tables at once.
- B. Define table name, edit dimension names.
- C. Review and edit guessed data types.
- D. Add source citations for the overall data set.
- E. Assign source(s) by dimension.
- F. Verify special characters.
- G. Review and sort values per dimension by alpha, numeric or by count.
- H. Assign special character as mult-value delimeter per dimension.
- I. Link tables by dimension.
- J. Livesearch for values highlights cells.

Views:

- Map the gaps and "errors" view (white for gaps, red for mis-matched values)
- Map by data types
- Sort by data types (colored)
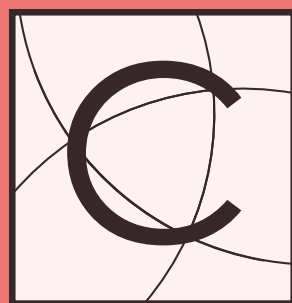- Row data view with edit capabilities

COLORS
MAP OF DATA TYPES

12/10/12

NUMERIC

unique/numeric	F4D23B
numeric	F18F2B

TEXT

unique/text	DBBC34
text/string	BB5A1B

SCALE

ordinal-numeric	767A79
nominal-text	53585F

DATES

YYYYMMDD	577AA4
YYYYMM	88A1C0
YYYY	A9BBD2

OTHER

url	C0A788
binary / 0	9988C0
binary /1	CD88BD
coordinates	A1C088
null	FFFFFF
mismatched value	EC5D57

HUMANITIES + DESIGN

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