

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

Upload multiple tables at once.

Define table name, edit dimension names.

Review and edit guessed data types.

Add source citations for the overall data set.

Assign source(s) by dimension.

Verify special characters.

Review and sort values per dimension by alpha or by count.

Assign special character as multi-value delimiter per dimension.

Link tables by dimension.

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

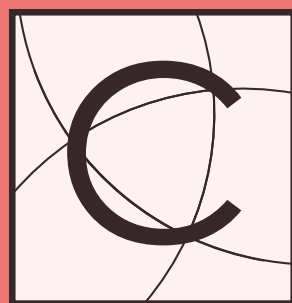
MAP OF DATA TYPES

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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