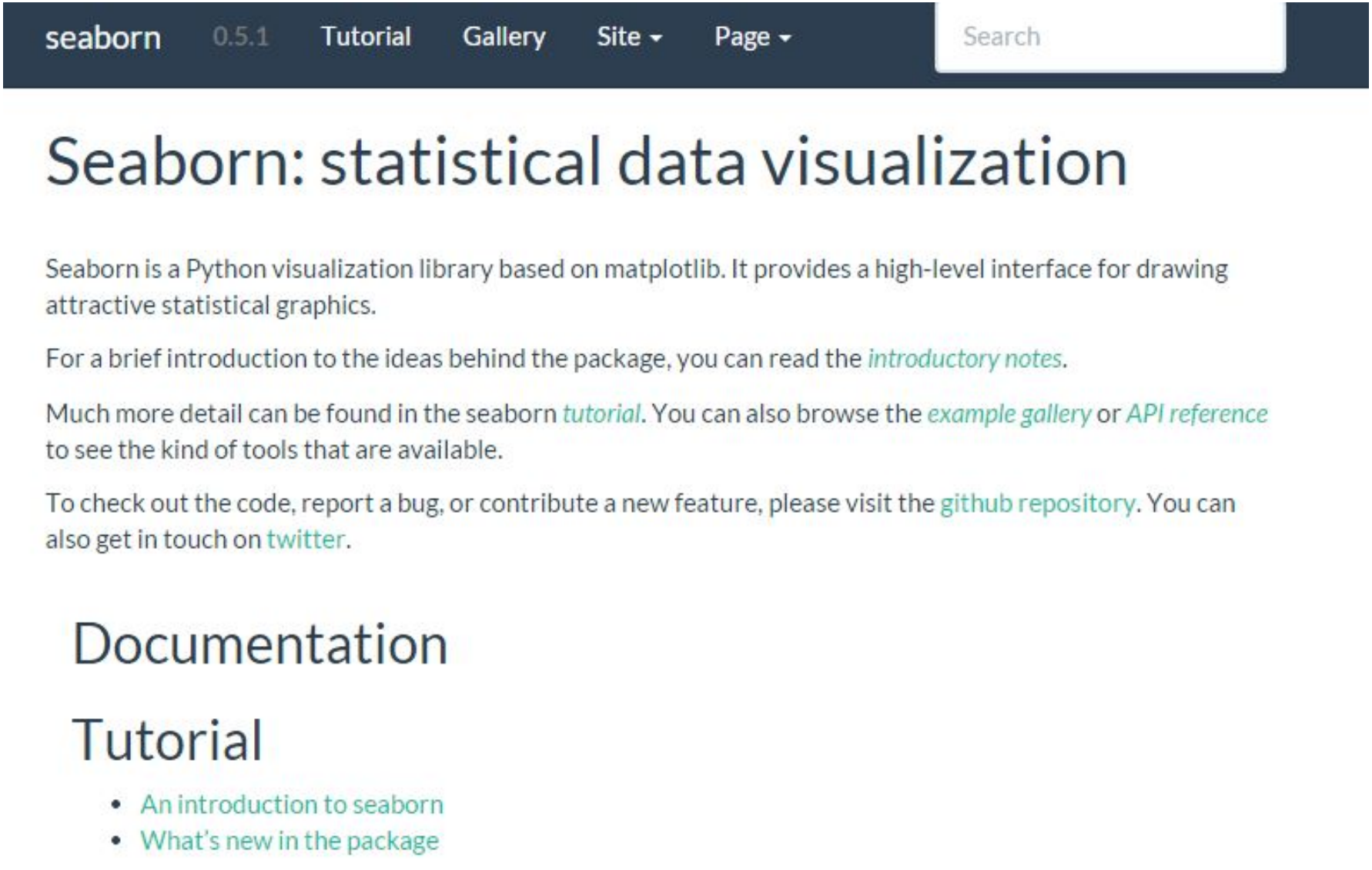
Data Visualization with Python

seaborn


seaborn 0.5.1 Tutorial Gallery Site Page Search
Seaborn: statistical data visualization
Seaborn is a Python visualization library based on matplotlib. It provides a high-level interface for drawing attractive statistical graphics.
For a brief introduction to the ideas behind the package, you can read the introductory notes.
Much more detail can be found in the seaborn tutorial. You can also browse the example gallery or API reference to see the kind of tools that are available.
To check out the code, report a bug, or contribute a new feature, please visit the github repository. You can also get in touch on twitter.
Documentation
Tutorial
An introduction to seaborn
What's new in the package

seaborn

An introduction to seaborn

Seaborn is a library for making attractive and informative statistical graphics in Python. It is built on top of matplotlib and tightly integrated with the PyData stack, including support for numpy and pandas data structures and statistical routines from scipy and statsmodels.

Some of the features that seaborn offers are

- Several *built-in themes* that improve on the default matplotlib aesthetics
- Tools for choosing *color palettes* to make beautiful plots that reveal patterns in your data
- Functions for visualizing *univariate* and *bivariate* distributions or for *comparing* them between subsets of data
- Tools that fit and visualize *linear regression* models for different kinds of *independent* and *dependent* variables
- Functions that visualize *matrices of data* and use clustering algorithms to *discover structure* in those matrices
- A function to plot *statistical timeseries* data with flexible estimation and *representation* of uncertainty around the estimate
- High-level abstractions for structuring *grids of plots* that let you easily build *complex* visualizations

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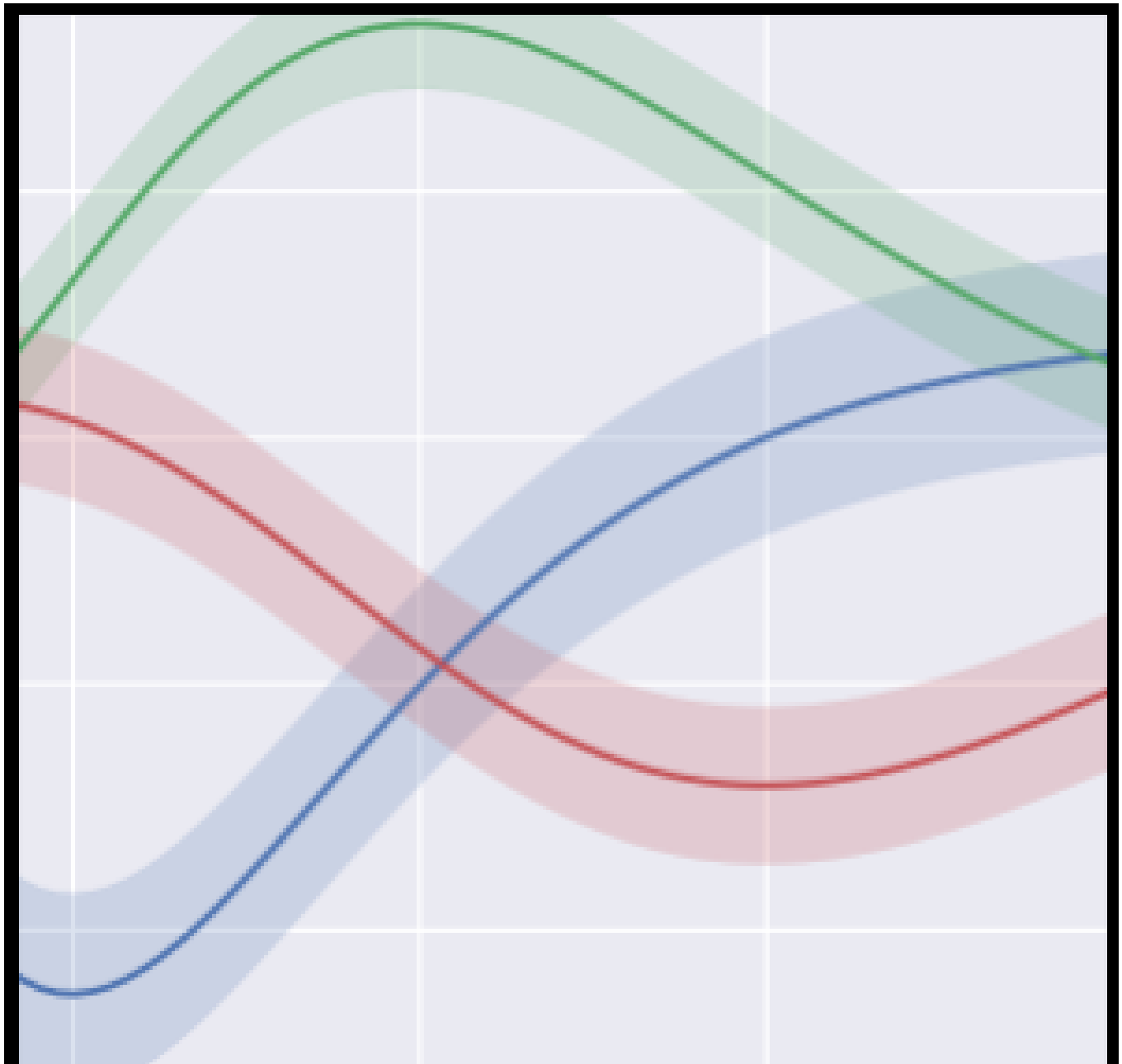

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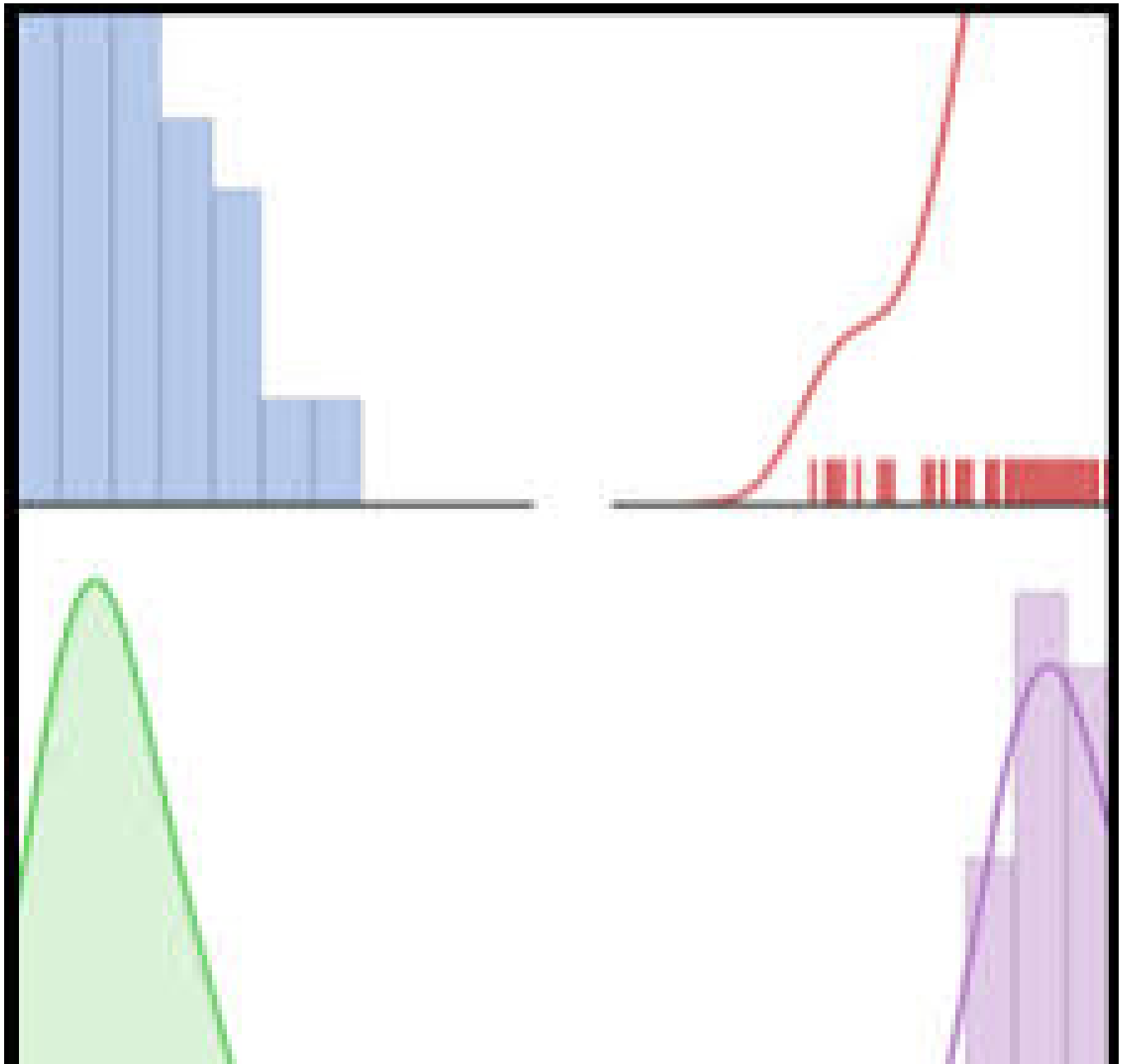

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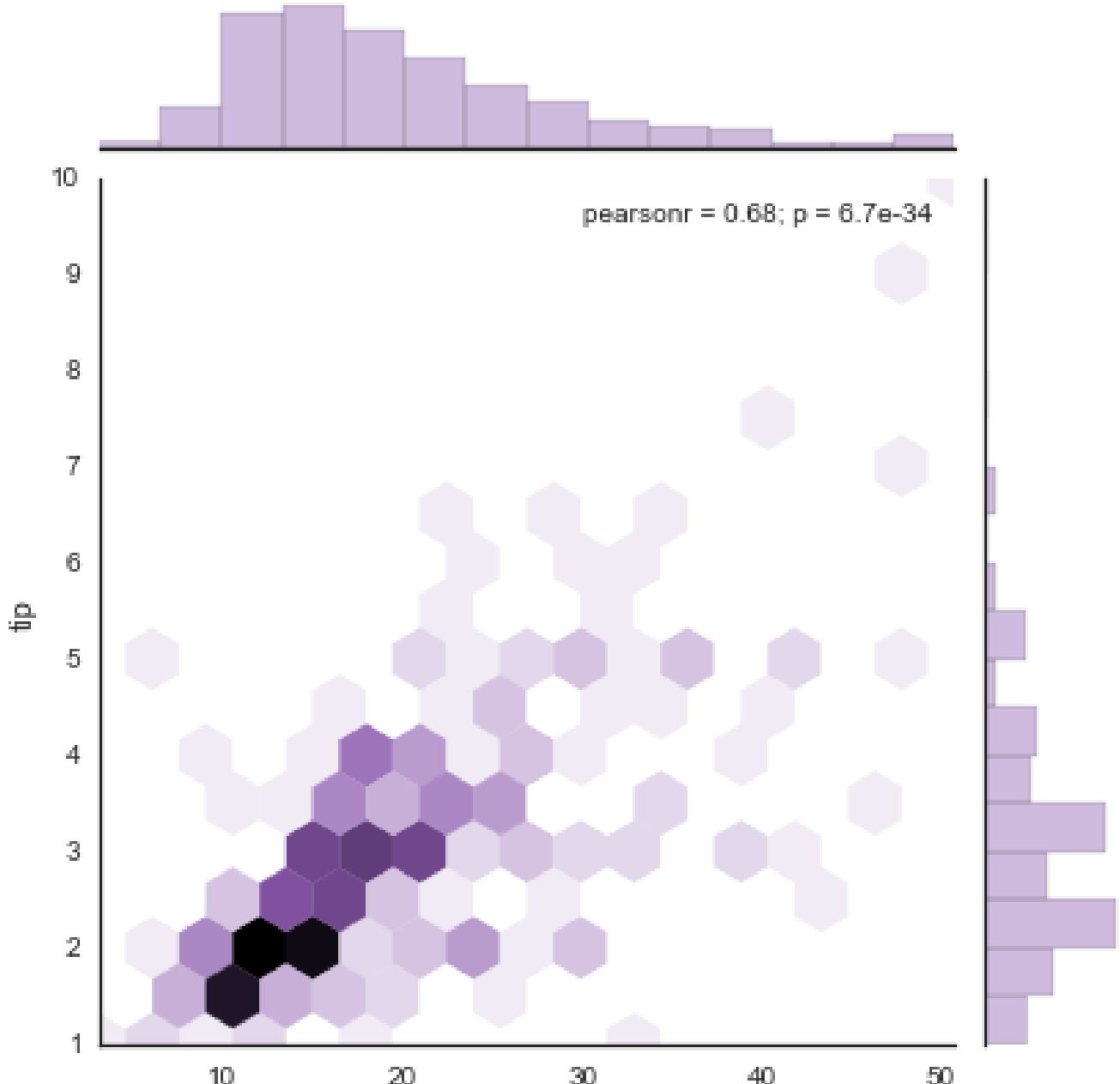

Bokeh Data Visualization

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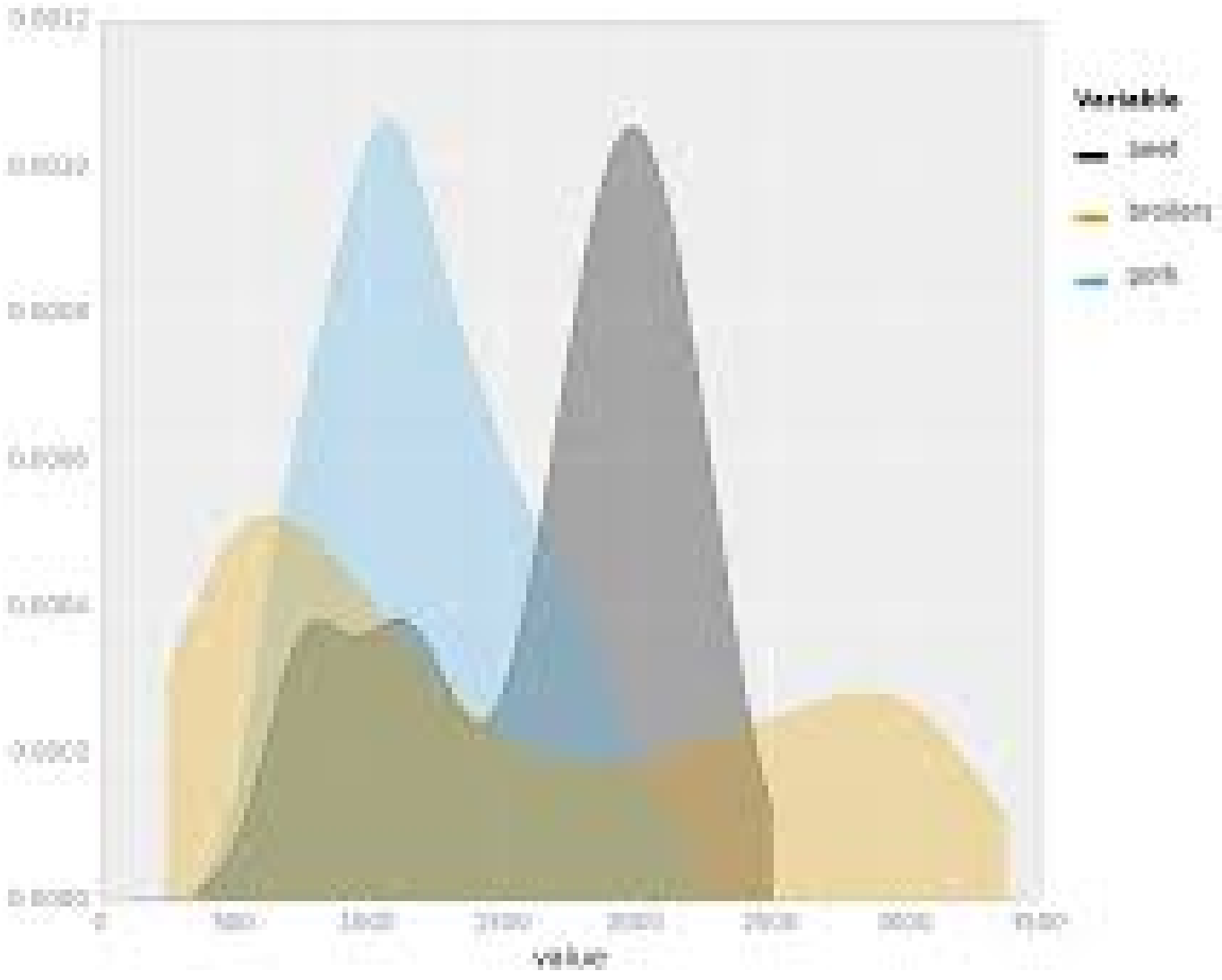

Bokeh Data Visualization

Bokeh Data Visualization

- interactive graphics for the web
- designed for large data sets
- Designed for streaming data
- Native interface in pythin
- Fast javascript components
- DARPA funded
- v.01 relase imminent