

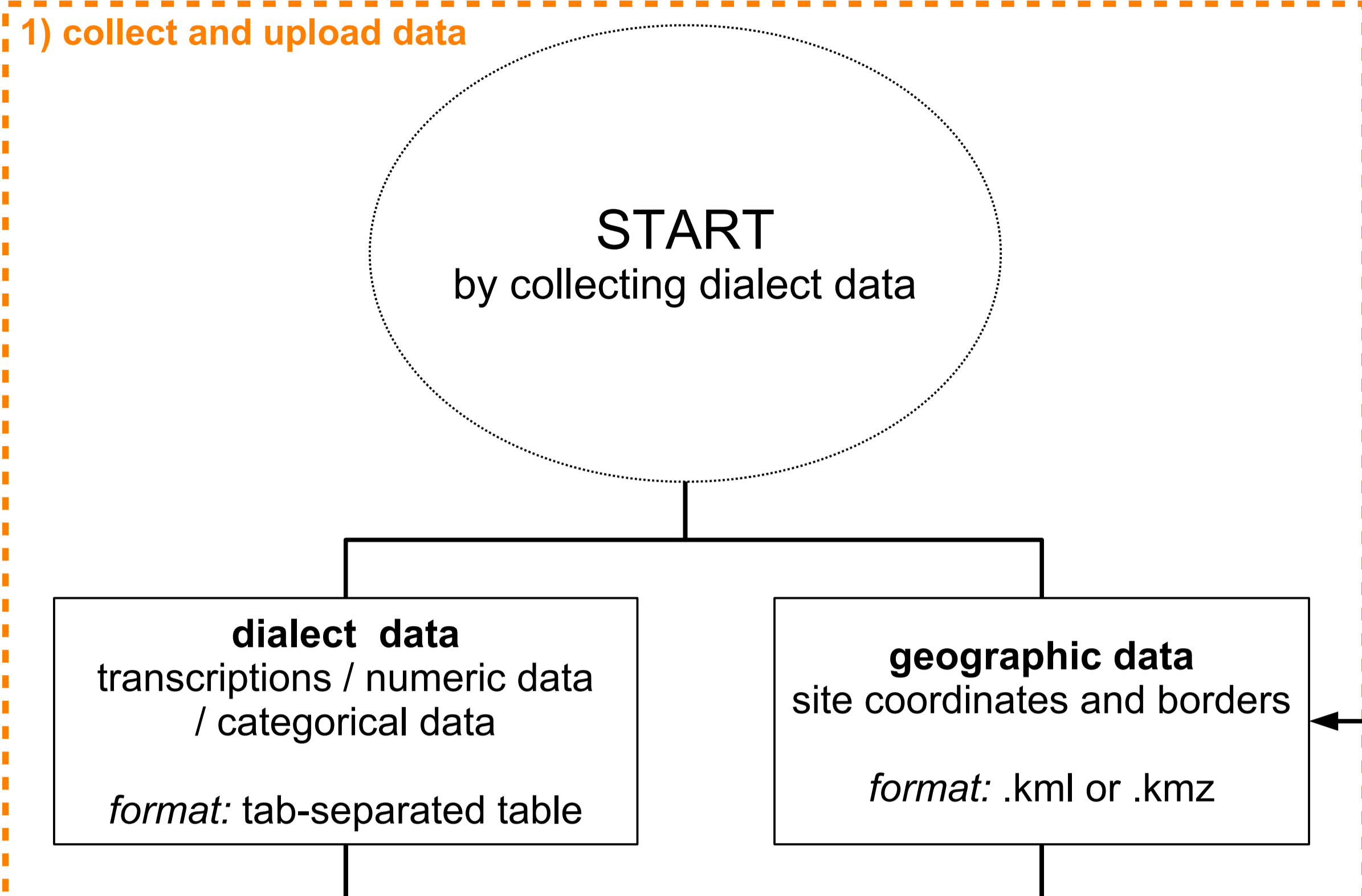
Therese Leinonen, Peter Kleiweg, Charlotte Gooskens, John Nerbonne

**What is Gabmap?**

- Gabmap is a web application for dialectometrics and cartography
- allows you to make mappings and statistical analyses of your dialect data
- Gabmap can analyze phonetic transcriptions, numeric dialect data (e.g. formant frequencies), and categorical data (e.g., syntactic or morphological variables)
- overviews of the number of places, number of linguistic variables, number of different symbols used in the transcriptions etc.
- distribution maps
- measurement of linguistic distances
- statistical tools for analyzing and mapping dialect continuum (multidimensional scaling) and identifying dialect groups (cluster analysis)
- all maps and figures can be downloaded as image files

Example of Gabmap workflow with dialect data from Pennsylvania:

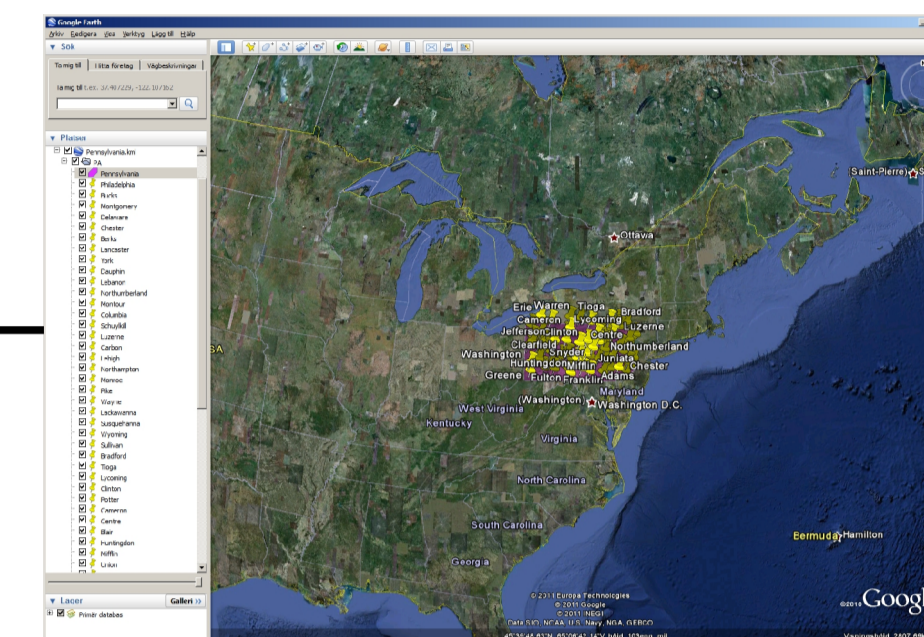
1) collect and upload data



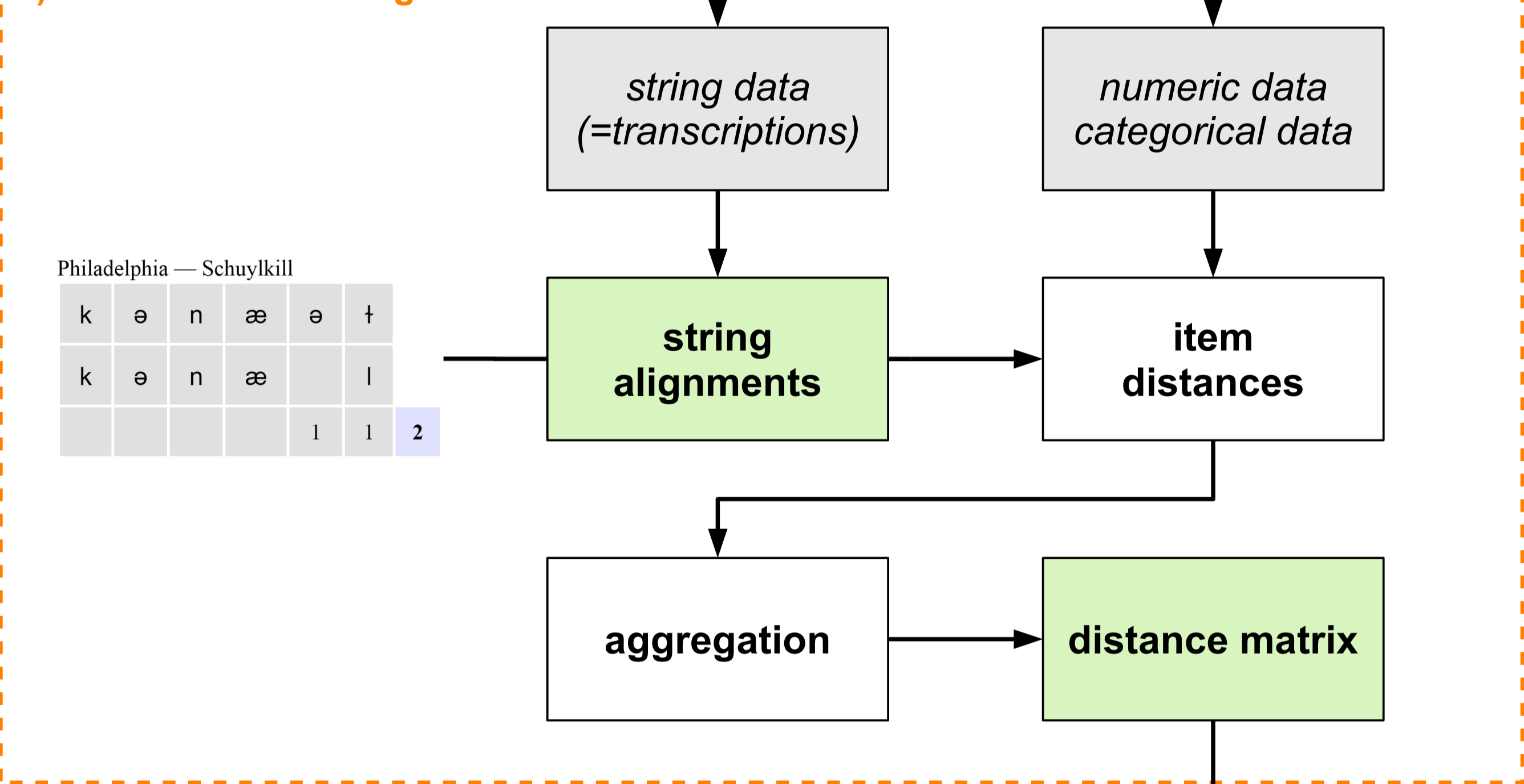
Visit [www.gabmap.nl](http://www.gabmap.nl) to:

- try a demo
- create a user account and start using Gabmap
- watch an introduction video
- follow a step-by-step tutorial with exercises
- read our FAQs
- find out about up-coming events

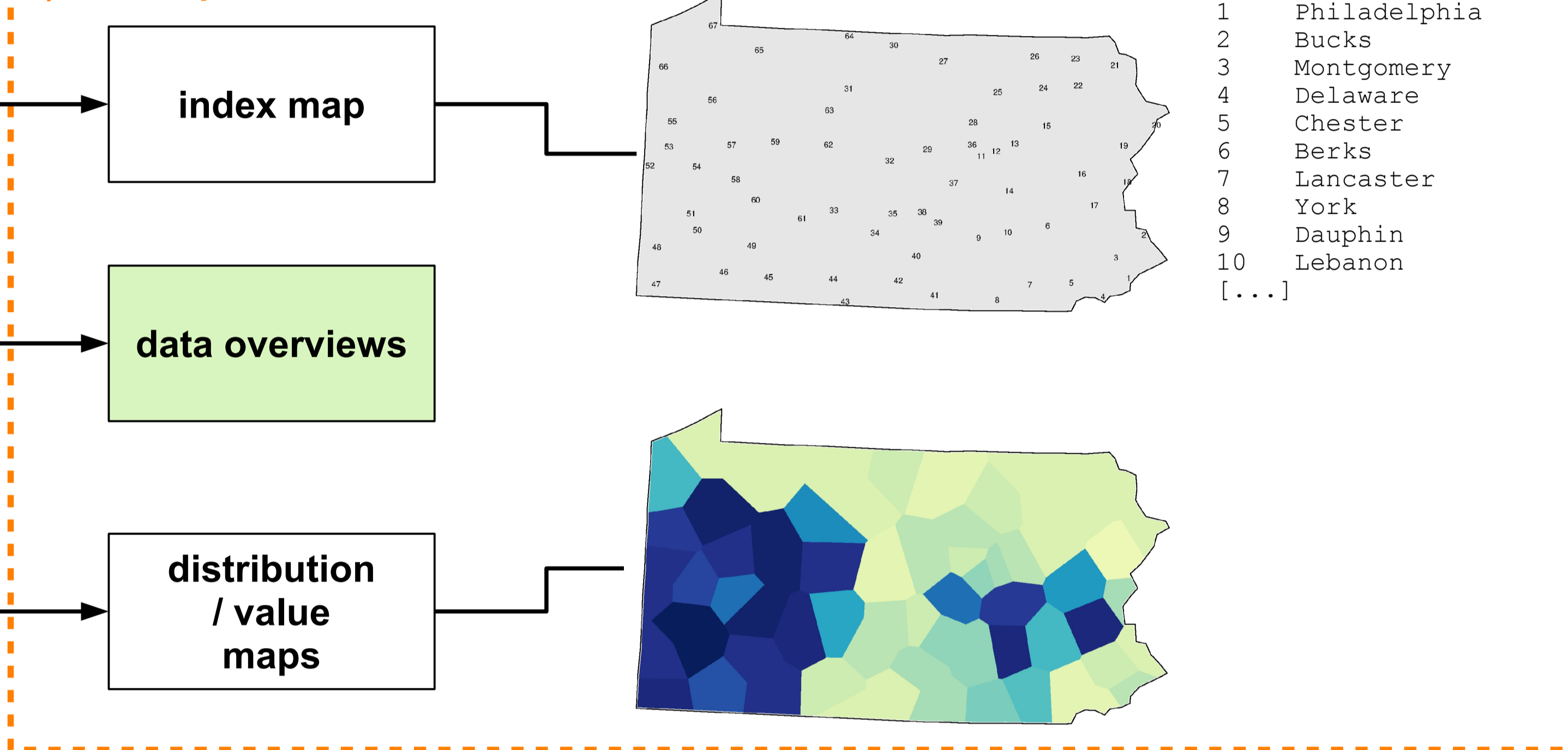
Use Google Earth to get the geographic data:



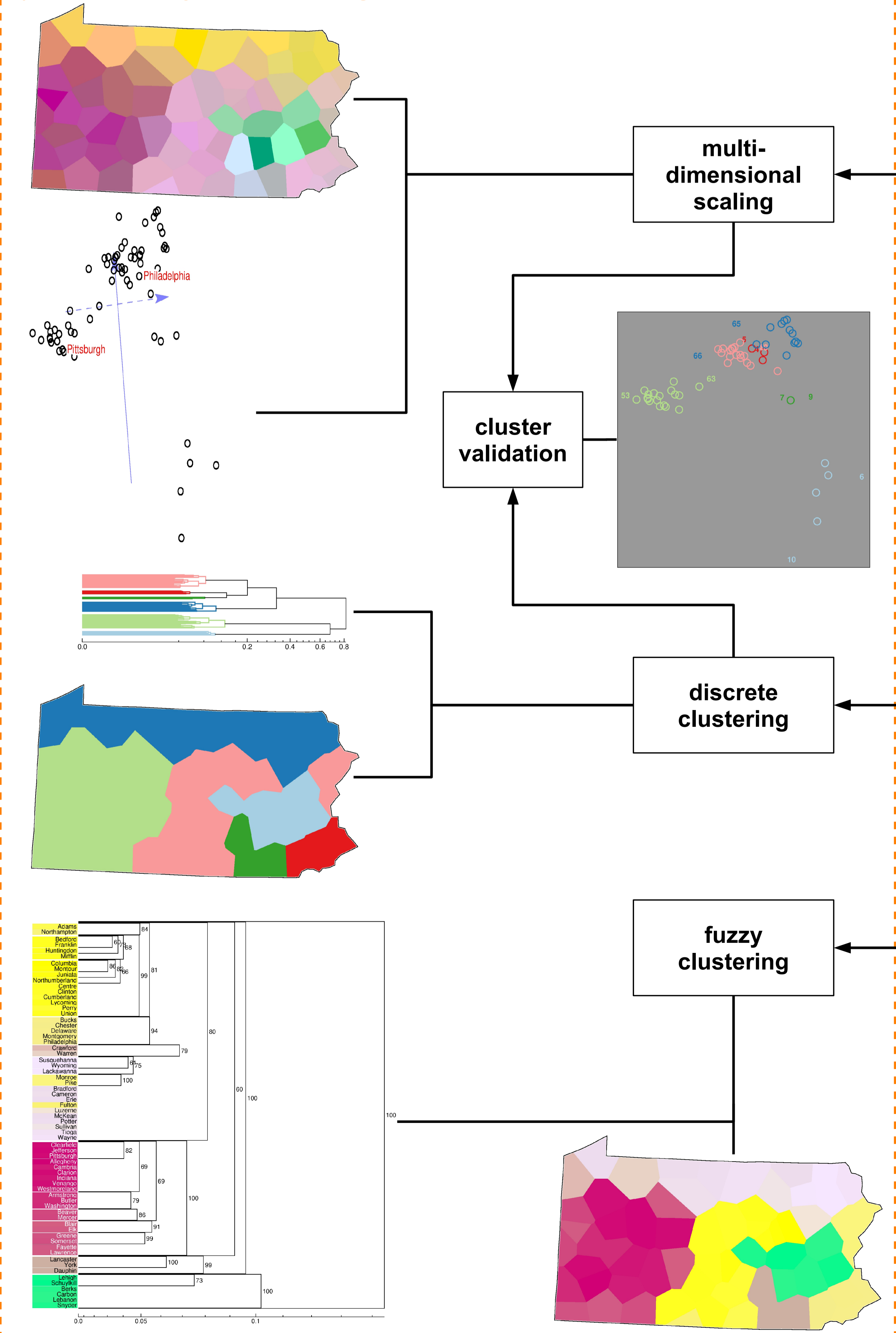
3) measurement of linguistic distances



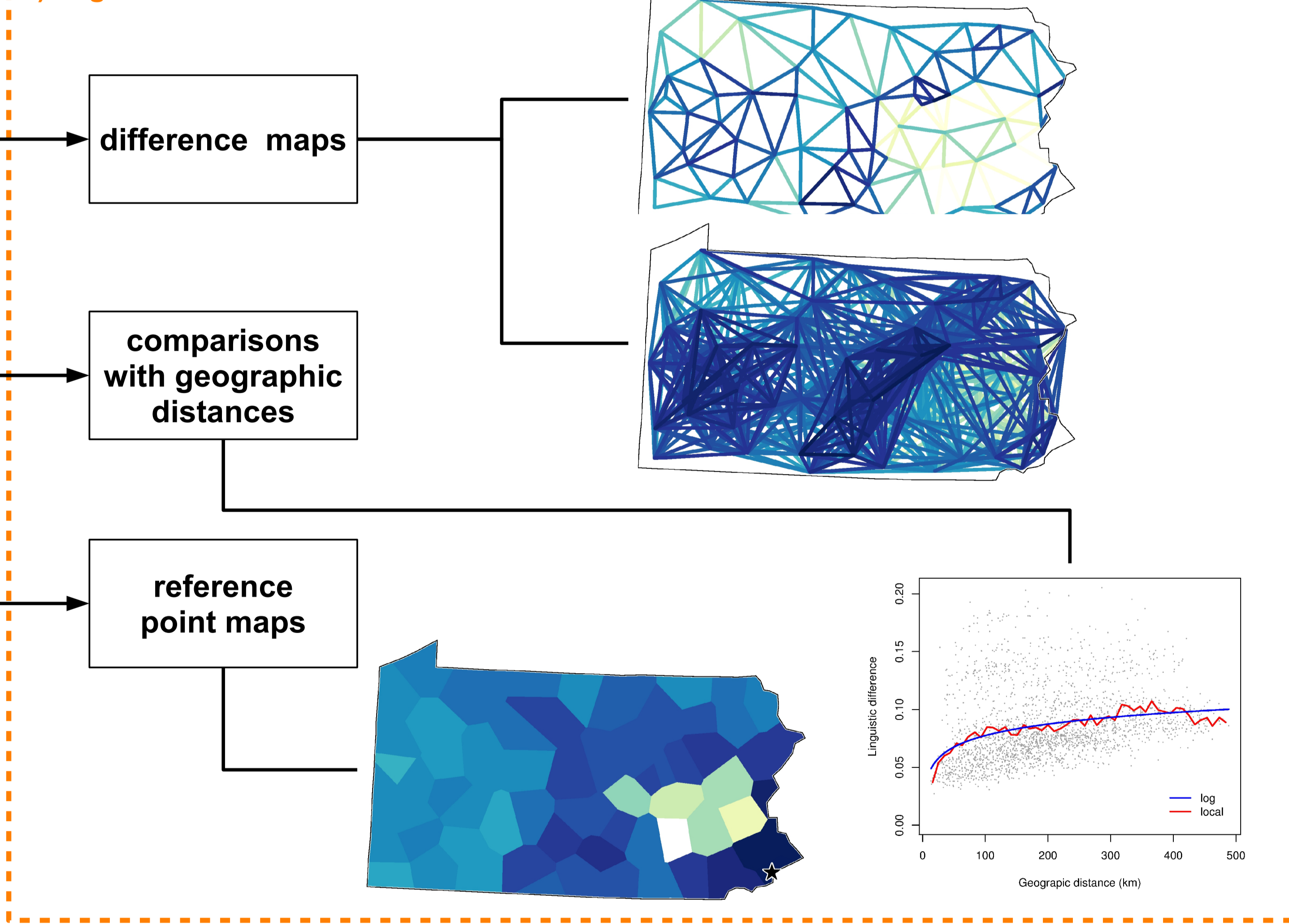
2) data inspection



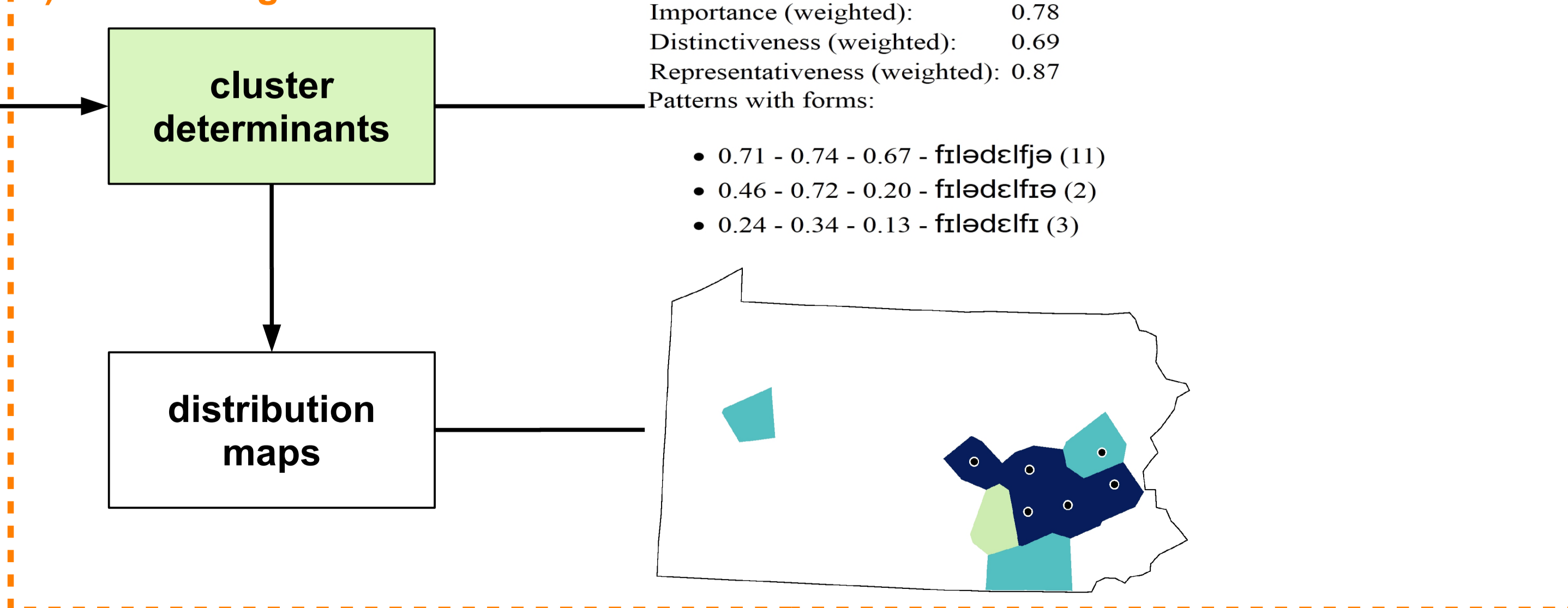
5) statistical analyses and mappings



4) linguistic differences



6) data mining



**Reference:**  
 John Nerbonne, Rinke Colen, Charlotte Gooskens, Peter Kleiweg, and Therese Leinonen (2011). Gabmap — A Web Application for Dialectology. Submitted to *Dialectologia*.