# Python and Pandas for Papyrology?

Towards a Stylometry of Family Letters from Graeco-Roman Egypt MA. Audric Wannaz

#### **HYPOTHESIS**

Today's most popular informatic language **Python** can greatly benefit both the **research** and the **teaching** of **papyrology**. It has many advantages:

- Free and open-source
- Well-documented and high-level
- Over 150'00 custom libraries
- Enables nonlinear sandbox workflow, especially in Jupyter Notebook



#### **CASE STUDY**

A Network Analysis
(following CZACHESZ 2016) of Greek
Family Letter with three libraries:
CLTK, Networkx and Pandas



Want more? Scan the QR code below or visit <a href="https://audricwannaz.github.io/">https://audricwannaz.github.io/</a>

## **RELEVANCE**

- Taps the potential of Epidoc XML
- Portable to Epigraphy and to other disciplines in the Humanities

### **LITERATURE**

István CZACHESZ: "Network Analysis of Biblical Texts." JCH 3.1-2 (2016), 43-46.

Holger ESSLER and Jeremi K. OCHAB: "Stylometry of Literary Papyri" in: *Proceedings of the 3rd International Conference on Digital Access to Textual Cultural Heritage (DATeCH2019), May 8–10, 2019,* Brussels 2019.





