

Pixel-oriented text visualization of Latin text

Training session (15 minutes)

Briefly discuss about the different views and features in the tool:

- Base text view
 - X axis – List of words
 - Y axis – List of witnesses (W1, W2,...W22)
- Pixel Overview or Summary view
 - Selection of a pixel – changes that occur on vertical and horizontal axis of the selected point. (Red Oval pixels and Blue square pixels)
 - Pixel color encoding
 (On a scale of 5, similar to more dissimilar)
 - Variant type “Omission” is represented by a purple square pixel 
 - Pixel color on Page, Line and Word View represents the total number of variants present on each hierarchy. Darker pixel color represents more number of variants present for that witness.
 - Lens filter to select a range of words
- 3 other pixel views – page, line and word level (Each pixels represent no. of variants on each level)
- Check box “Only tokens with variants”

Training tasks:

- 1) On Overview, which axis represents the words with variants?
 - a. X-axis
 - b. Y-axis
- 2) On Overview, page 2 between words, “arundine” and “Ladon”, which word has a more varied pixel color pattern?
 - a. Arundine
 - b. Ladon
 - c. Both are same
- 3) How is the variant type “Omissions” represented in Overview?
 - a. Red Oval pixels
 - b. Blue square pixels
 - c. Purple square pixels
- 4) On Overview page 1, click on any pixel for word “genista”. Which line in Base Text View is highlighted in Yellow?
 - a. 3
 - b. 4
 - c. 5
- 5) In Page View, between pages 1 and 2 which has the most number of variants for W1?
 - a. Page 1
 - b. Page 2