

HMT Summer Experience Presentation

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Zipf-y Scholia

Zipf's Law: given some corpus of natural language utterances, the frequency of any word is inversely proportional to its rank in the frequency table. - "Zipf's Law", *Wikipedia*

Zipfy Scholia Notebook

Zipf Graph - Top Half:

Top 10 Words in vA Scholia:

Word	Frequency
καὶ	6708
τὸ	5311
δὲ	5006
τοῦ	3757
ὅτι	2743
γὰρ	2406
ὁ	2116
τὴν	1899

Interesting Finds in Top 100 Words:

Word	Frequency
λέγει	377
Ἀρίσταρχος	266
γράφει	242
Ζηνόδοτος	224
φησὶ	168
βραχὺ	165

Vertical Variation	Horizontal Variation
VV Notebook	Edit Distance Notebook
Definition	Definition

include tree image from Prof. Ober

Topic Modelling

create visual of basic scholia topic modelled

With those tools, where do we go from here?

Townley Scholia

[254v](#)

Twins vs Townley Scholia

Upsilon 1.1:

[294v_295r](#)

ἐκέλευσαν πληθυντικῶς οἱ βασιλεῖς ὥς Ἡρωδιανός *

Townley:

[250v](#)

κέλευσαν: κέλευσαν πληθυντικῶς~ οἱ βασιλεῖς ἐκέλευσαν~ οὕτως Ἀρίσταρχος *

Why should you care?

Questions?