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:

<img

src="https://github.com/nadimattia/summer2020notebooks/blob/master/data/shortGrap hvAschol.png?raw=true"/>

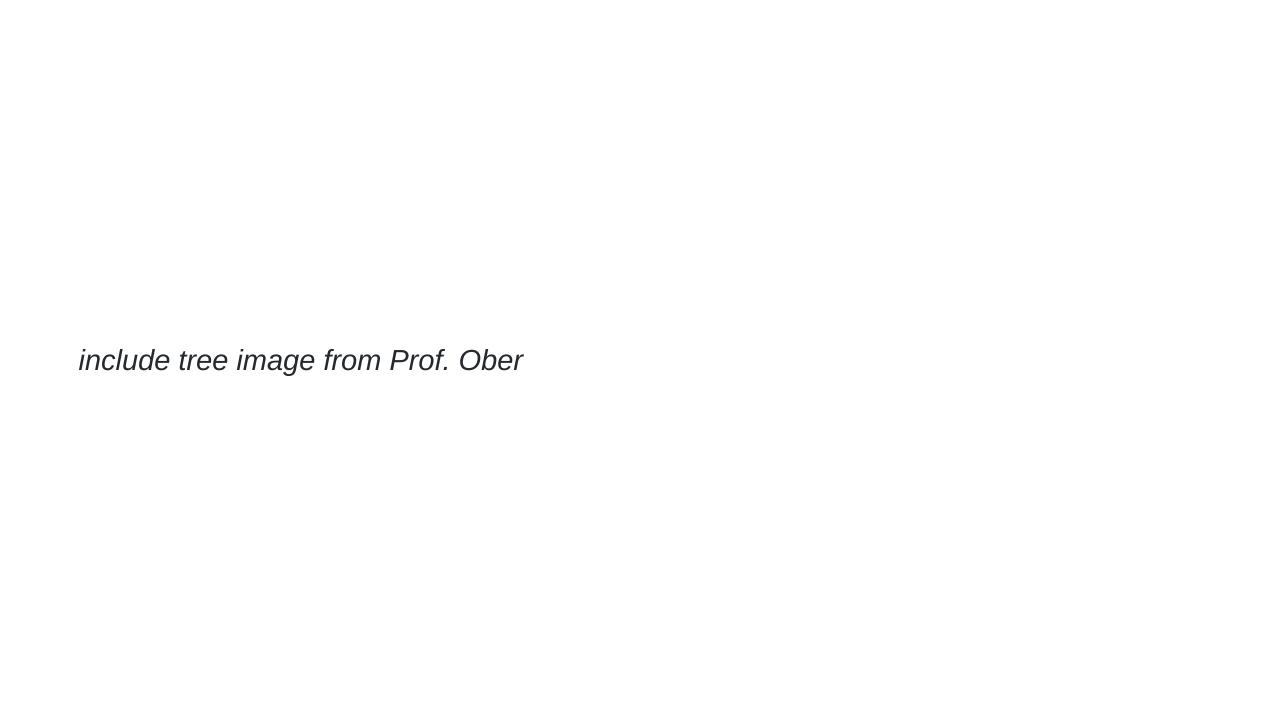
Top 10 Words in vA Scholia:

Word	Frequency
καὶ	6708
τò	5311
δè	5006
τοῦ	3757
ὅτι	2743
γὰρ	2406
Ò	2116
τὴν	1899

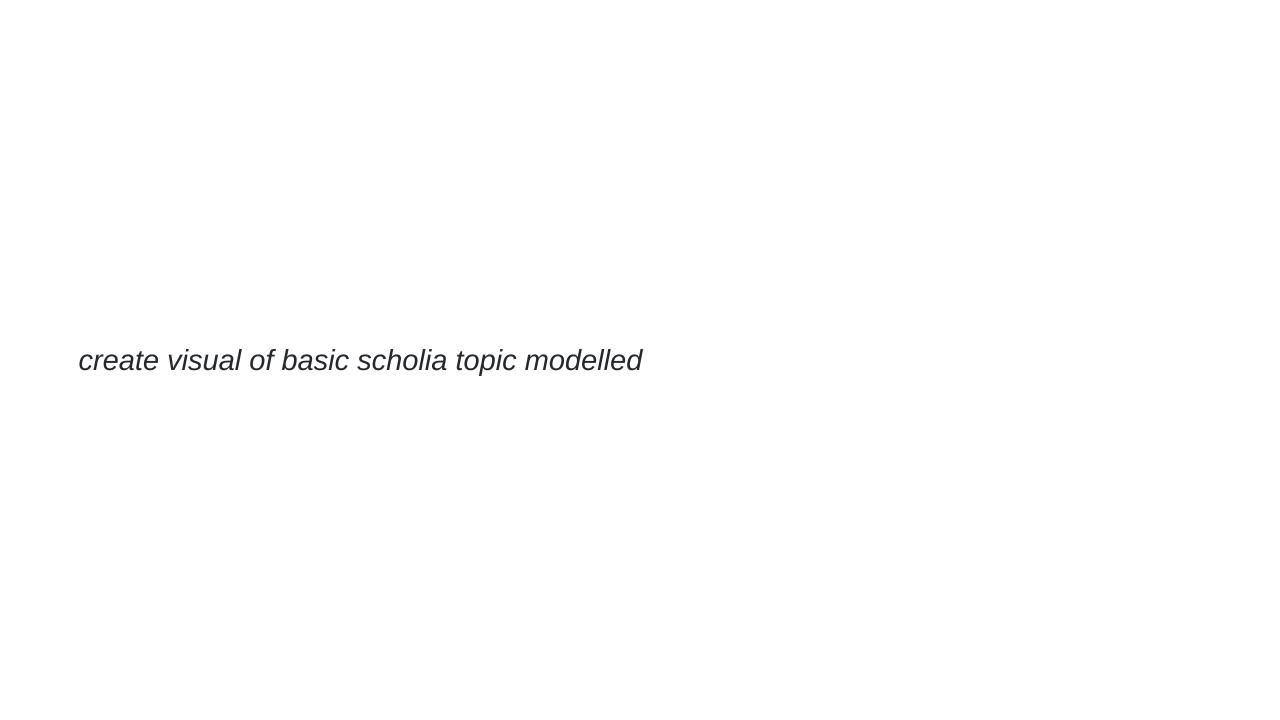
Interesting Finds in Top 100 Words:

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



Topic Modelling





Townley Scholia

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ms_86_f254v.tif&RGN=0.07062,0.5494,0.3127,0.1686&wID=5000&CVT=JPEG"/>
254v

Twins vs Townley Scholia

Upsilon 1.1:

<img src="http://www.homermultitext.org/iipsrv?</pre>

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294v_295r

έκέλευσαν πληθυντικώς οἱ βασιλεῖς ὡς Ἡρωδιανός ‡

Townley:

<img src="http://www.homermultitext.org/iipsrv?</pre>

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250v

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

Why should you care?

Questions?