

Epi



DALE J. CORREA, PHD | UT AUSTIN

EPISTEMOLOGY & KNOWLEDGE IN ISLAMIC LEGAL THEORY & THEOLOGY

TRACING THE EPISTEMOLOGICAL TRADITION

- ▶ Al-Nasafī's text is obviously dependent on previous scholars' work: whose?
- ▶ Al-Nasafī's text is almost identical to that of two of his contemporaries: how? And then, why?
- ▶ Future question: how did the relationship between Ḥanafī theology and legal theory develop into the theological turn of the 12th century CE?

ASPIRATIONS AND SOLUTIONS

- ▶ Corpus of excerpts from three scholars on *khabar* (testimony)
 - ▶ Sentence by sentence comparison view
 - ▶ *Aspirational: planned wireframe of website, visualization*
- ▶ Annotate for structure, identical terms, and shared topics
- ▶ And/or topic modeling
 - ▶ *Aspirational: across legal theory corpus, would address research question #3*
 - ▶ Voyant Tools revealed that **excerpts** are not long enough to be effective for topic modeling

MAKE GOOD CHOICES



<http://www.gettysburgcollegeitt.org/LRCblog/2014/12/when-arabic-tattoos-go-bad-or-why-you-should-talk-to-a-translator-first/>

فصل في الأخبار

288 _ الخبرُ كلامٌ بصيغة مخصوصة يحصل بها العلمُ بالمُخبر⁽¹⁾ به وحده، ما يدخله الصدق والكذب. إلا أن⁽²⁾ هذا الحدُّ يبطل بخبر الله - تعالى! - وخبر الأنبياء والخبر المتواتر.

	0	1	2	3	4
TXT	فصل	في	الأخبار	288 _	الخبر
AUT [sentence]					s
AUT [paragraph]	para				
AUT [line]	lb			lb	
AUT [structuresem]	bold,sect_name			bold,sect_mark	bold
AUT [pers_name]					
AUT [place_name]					
AUT [concept]					
AUT [episteme]					

MAKING IT WORK

pepper-job

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2 <pepper-job id="3m3s2u8o" version="1.0">
3   <importer name="TextImporter" path="/Users/dale.j.correa/Desktop/Examples_EXMARaLDA/TokenExamples_Pepper">
4   </importer>
5     <property key="pepper.after.tokenize">true</property>
6   <exporter name="EXMARaLDAExporter" path="../../Examples_ANNIS/">
7   </exporter>
8 </pepper-job>
```



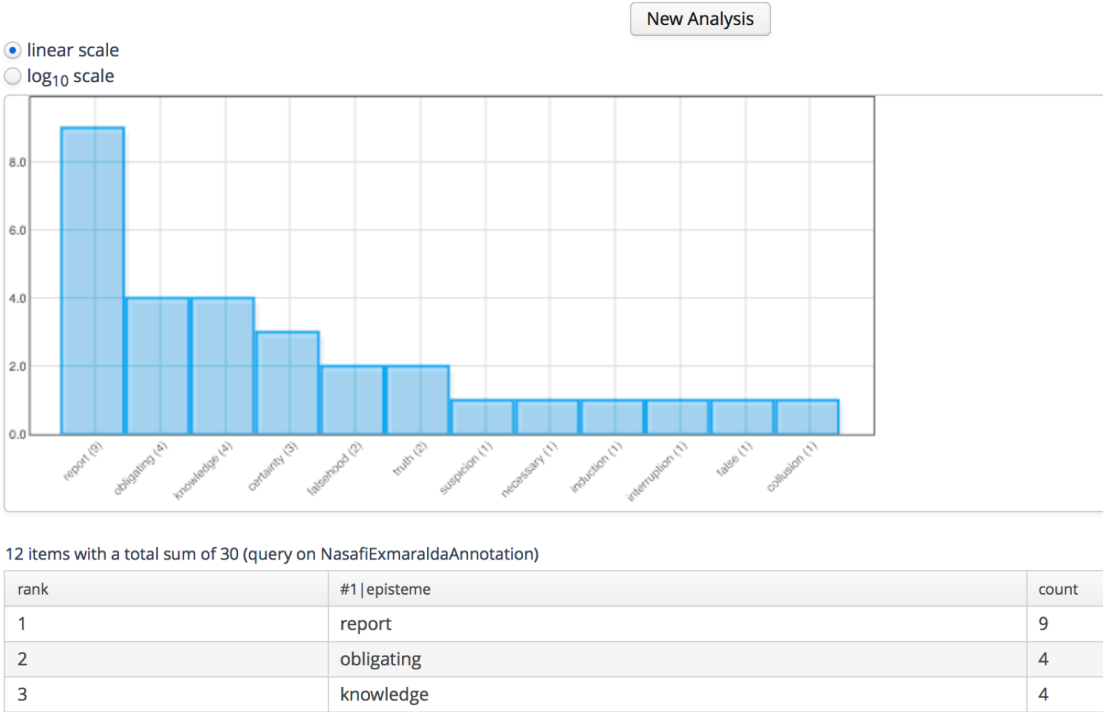
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4   </importer>
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6     <property key="mergeTextsWithTimeline">>false</property>
7   </exporter>
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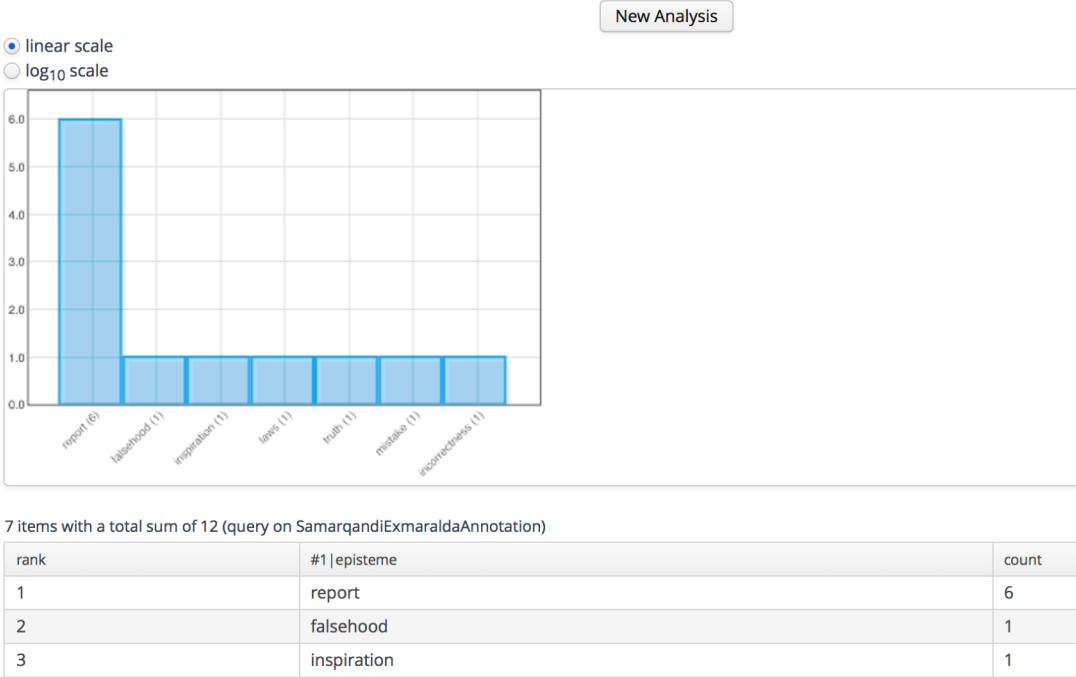
ANNOTATION

- ▶ TXT: normalized, with the exception of formatting
- ▶ Sentence
- ▶ Structuresem
- ▶ Paragraph
- ▶ Line
- ▶ Pers_name
- ▶ Place_name
- ▶ Concept
- ▶ Episteme
- ▶ Def_arg
- ▶ Quran

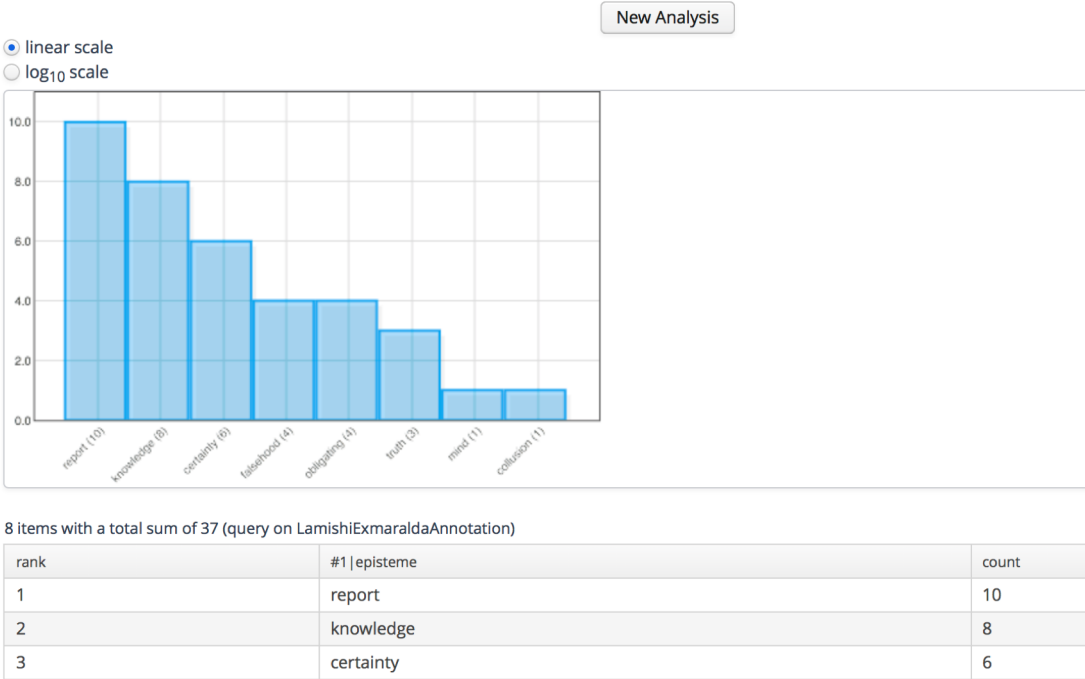
ANNIS: Episteme Frequency Analysis



Al-Nasafi



Al-Samarqandi



Al-Lamishi

WIREFRAME


EpiKILT

المعرفة والعلوم في الأصول الفقه والكلام

Epistemology & Knowledge in Islamic Legal Theory & Theology

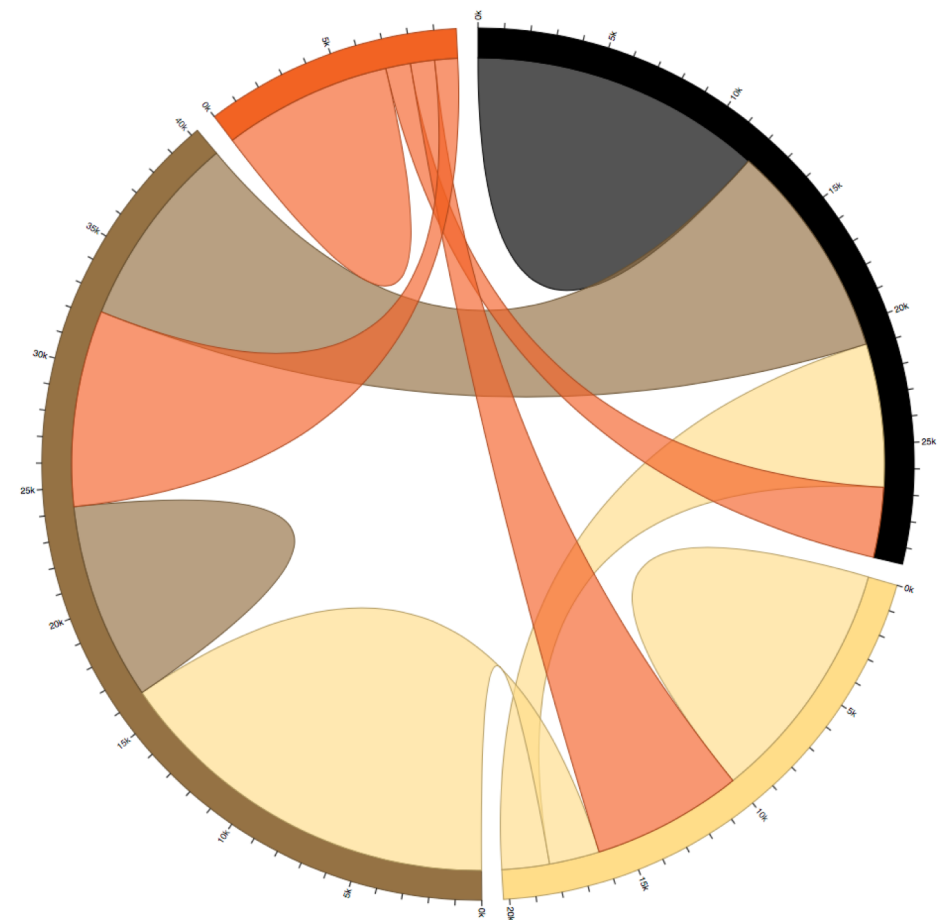
Home About Editions Research

WHO WROTE IT FIRST?



Al-Nasafi النسافي	Al-Lamkhi اللامخي	Al-Samarqandi المسمرقندي
[Edition]	[Edition]	[Edition]

Chord Diagram



& Visualization

<https://bl.ocks.org/mbostock/4062006>

GOALS

- ▶ Build website for digital editions of these three sections on testimony
- ▶ Finish digital edition of complete Nasafi text
- ▶ Create corpus of Islamic legal theory texts from 8th – 12th centuries CE for topic modeling for course project and to address the following question:
 - ▶ *How does the structure of Islamic legal theory works change over time and by school?*