

So you want to do historical logic?
What you need to know about how historical logic
differs from modern logic

Sara L. Uckelman

Institute for Logic, Language, and Computation
University of Amsterdam

Core Logic, 20 September 2006

Preliminary Notes

- ▶ What I mean by “historical logic”.

Preliminary Notes

- ▶ What I mean by “historical logic”.
- ▶ Why you might want to do historical logic.

A motivation

- ▶ We can use modern logic to help clarify historical questions and theories.

A motivation

- ▶ We can use modern logic to help clarify historical questions and theories.
- ▶ We can use historical concepts and innovations to solve modern problems.

Convinced? I hope so.

I hope this brief sketch has convinced you that in principle fruitful research in historical logic can be done by modern logicians. But how?

What does a historical logician have to worry about that a modern logician doesn't?

► Sources

What does a historical logician have to worry about that a modern logician doesn't?

- ▶ Sources
- ▶ Language

What does a historical logician have to worry about that a modern logician doesn't?

- ▶ Sources
- ▶ Language
- ▶ Terminology differences

What does a historical logician have to worry about that a modern logician doesn't?

- ▶ Sources
- ▶ Language
- ▶ Terminology differences
- ▶ What others in the field are doing

What others are doing

- ▶ Editing texts

What others are doing

- ▶ Editing texts
- ▶ Determining authorship & dating

What others are doing

- ▶ Editing texts
- ▶ Determining authorship & dating
- ▶ Determining influence

The historical aspect

Not surprisingly, there are two parts to historical logic - a logical part and a historical part. How does the historical aspect affect how you write papers or articles on a historical logic topic?

Writing a historical paper

- ▶ Provide citations for all historical facts you cite.

Writing a historical paper

- ▶ Provide citations for all historical facts you cite.
- ▶ Identify who you are talking about (as far as you can).

Writing a historical paper

- ▶ Provide citations for all historical facts you cite.
- ▶ Identify who you are talking about (as far as you can).
- ▶ Always work from the primary texts.

Writing a historical paper

- ▶ Provide citations for all historical facts you cite.
- ▶ Identify who you are talking about (as far as you can).
- ▶ Always work from the primary texts.
- ▶ Be scrupulously careful about terminology.

Writing a historical paper

- ▶ Provide citations for all historical facts you cite.
- ▶ Identify who you are talking about (as far as you can).
- ▶ Always work from the primary texts.
- ▶ Be scrupulously careful about terminology.
- ▶ Remember that use of modern mathematical notation is necessarily anachronistic.

Want to know/do more?

- ▶ Fall 2006, medieval Latin reading groups
 - ▶ One group meets Thursday afternoons and is reading a 13th-century text on obligations
 - ▶ The other meets Friday mornings and is reading an undated but probably late 15th-century text on modal logic and paralogisms of the trinity.
- ▶ January 2007, project on “Scholarly Writing for Historical Logic”

If you're interested in either, send me an email at *suckelma@illc.uva.nl*