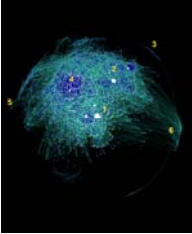



利用



Hilde De Weerd
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中国史研究与计算机技术 国际学术工作坊

研究宋史

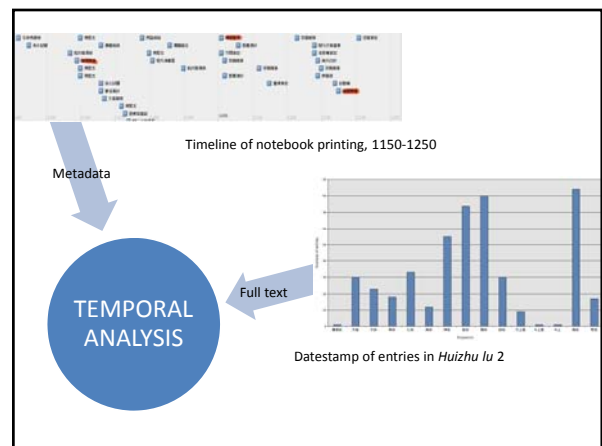
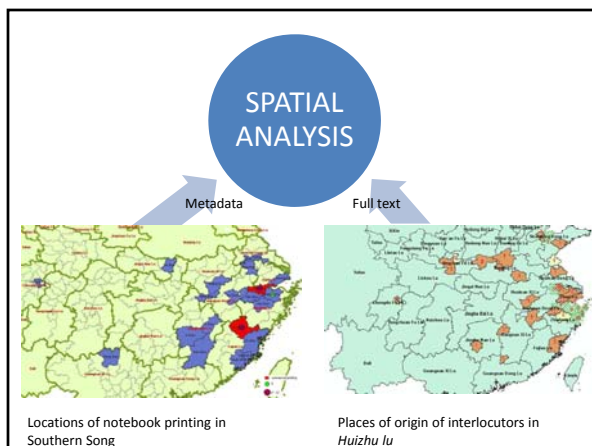
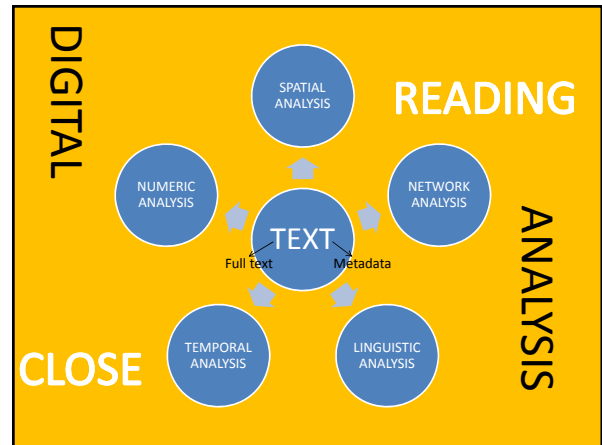
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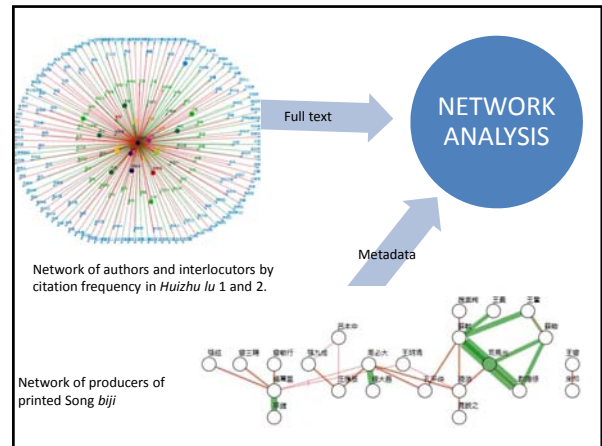
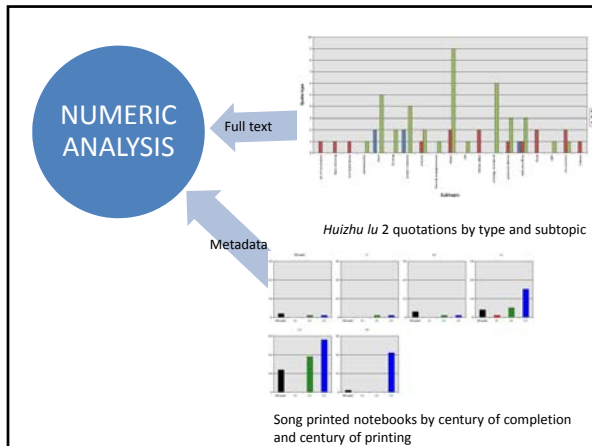


Overview

- 1) The place of prosopographical and network analysis in traditional and digital historical research
- 2) CBDB and the analysis of *biji* authors
 - career trajectories
 - network analysis based on CBDB data
- 3) CBDB and the analysis of information networks in *biji*
 - constructing the ego-network of Wang Mingqing
 - using CBDB biographical data as attributes for network nodes
- 4) Mapping multiplex ties
 - social and political ties in manuscript and print publishing
- 5) Conclusion: visualization and analysis

I. The place of prosopographical and network analysis in traditional and digital historical research





Term	Siku freq	Zhonghua freq
金人	47	30
大金	22	22
金國	5	5
虜	2	157
女真	0	1
契丹	14	13
夷	18 (3)	34
狄	2	12
蠻	4	4
戎	16	21
醜	0	4
盟	12	16
酋	1	10
敵人	49	2

Source text type	Number of occurrences	Number of entries
War announcement	6	1
Military institutions survey	7	1
Pro-war memorial	3	1
Subtotal	16	3
Other (memorial, envoy report, poem, memoir, anecdote, conversation, notebook entry copy)	20	15

Full text

Text types and 夷|狄|蠻|戎

金 collocates

freq	score	word
30	16.2	人
22	16.9	大
6	4.4	國
4	14.5	寇
2	3.6	賊
2	1.2	使
1	0.5	兵

LINGUISTIC ANALYSIS

Comparison of character frequencies in different editions

Digital text analysis

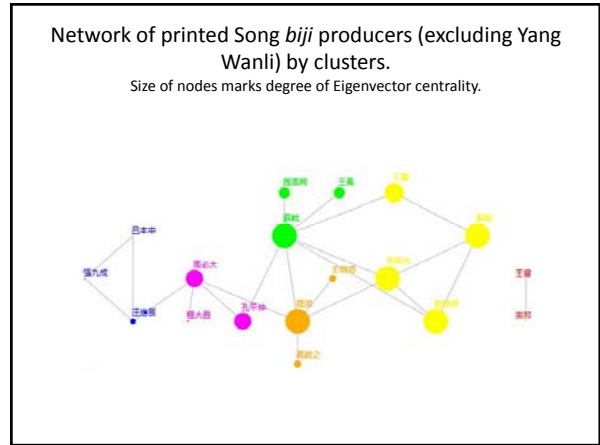
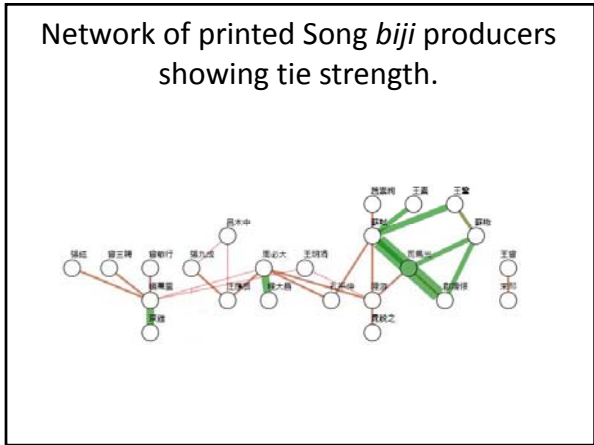
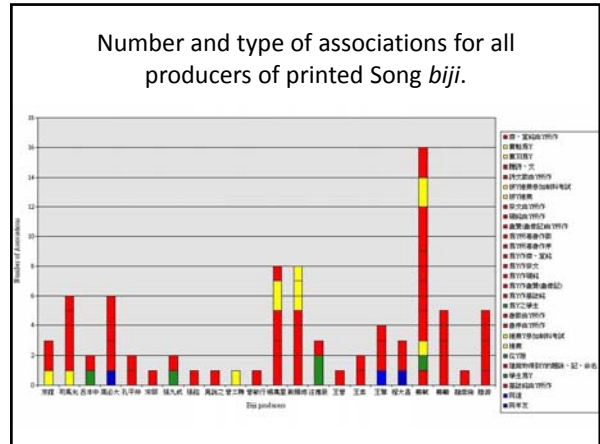
XML

Text analysis software

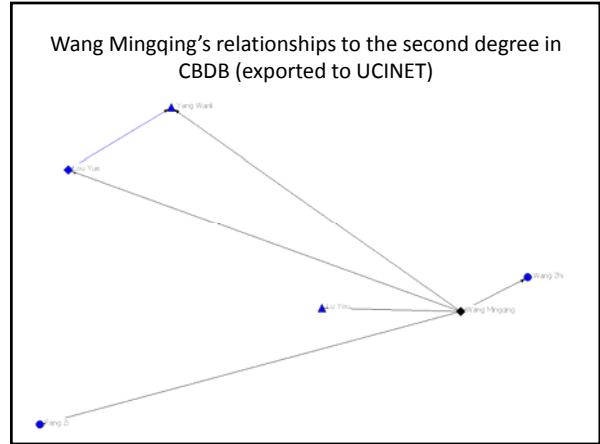
II. CBDB and the analysis of *biji* authors

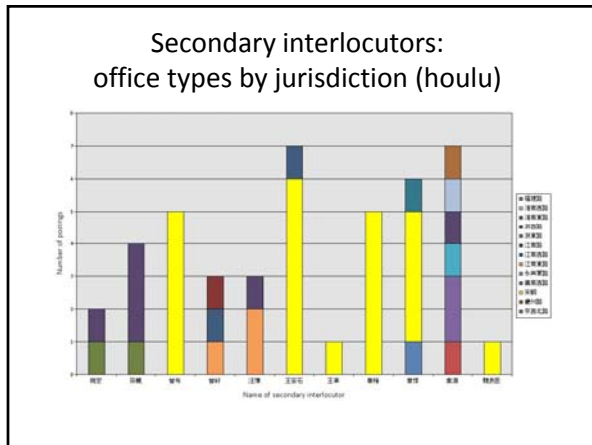
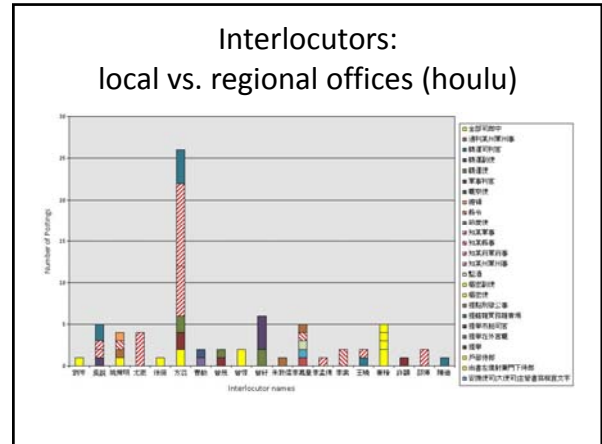
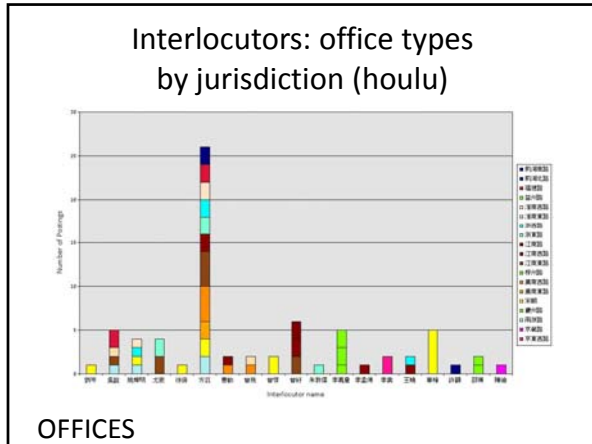
A. ENTRY

C. CBDB RELATIONSHIPS



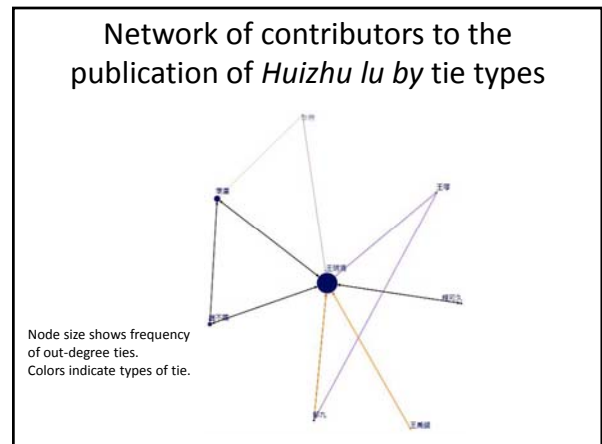
- Problems
 - coverage of biographical and relationship data
- Hypotheses
 - author backgrounds
 - network development

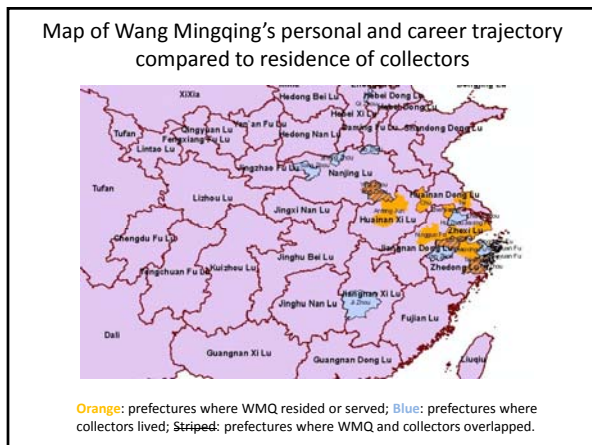
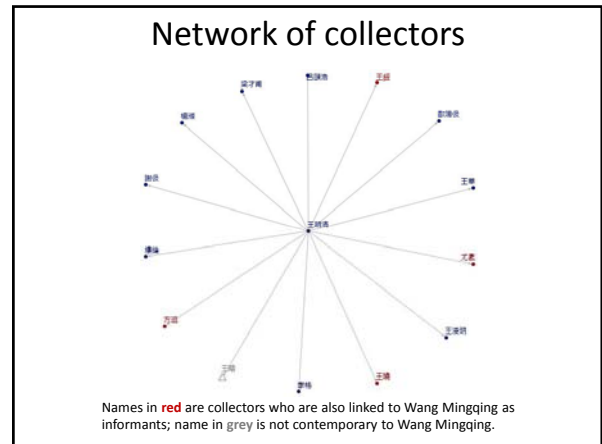
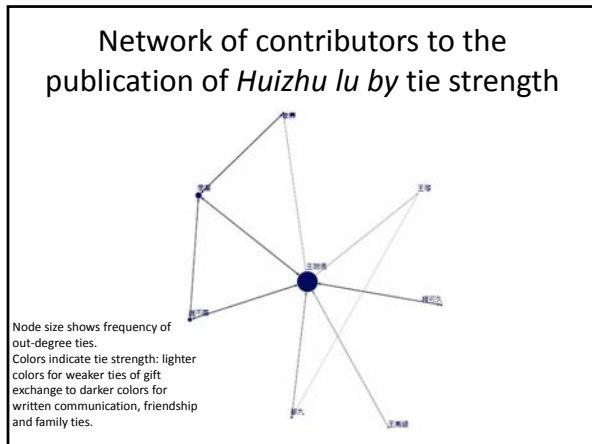




- Problems
 - time
 - place
 - office
- Some preliminary results
 - size and composition of oral information network
 - composition of citation network of written sources
- Hypothesis
 - horizontal dimensions of imperial information networks

IV. Mapping multiplex ties





- Problems
 - visualization and analysis
- Some preliminary results
 - integration of manuscript and print publishing networks in the Chinese case

V. Conclusion

- Experimental nature of digital analysis
- Benefits of multidimensional and multiperspectival analyses
- Raises questions to be answered through a combination of quantitative and qualitative approaches
- Integration with cultural, intellectual, and political history