An Introduction to the Dataverse Network as an Infrastructure for Data Sharing

Gary King Harvard University

May 19, 2007

Papers

- Gary King, "An Introduction to the Dataverse Network as an Infrastructure for Data Sharing," Sociological Methods and Research, forthcoming.
- Micah Altman and Gary King. "A Proposed Standard for the Scholarly Citation of Quantitative Data," D-Lib Magazine.

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- When storage methods change, some data sets are lost; others have altered content!

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 - (So why don't they worry about print publishers getting all the credit? Lack of data citations!)
- We will propose technological solutions to these political and sociological problems

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- Legal Protection Publishers have liability procedures for print, but not data. Need to be able to use the expertise of archives or others.

Gary King (Harvard) Dataverse Network 5 / 26

Rules for Citing Printed Matter

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Kim, Jae-On, Norman Nie, and Sidney Verba. 1977. "A Note on Factor Analyzing Dichotomous Variables: The Case of Political Participation," Political Methodology, Vol. 4: No. 2 (Spring): Pp. 39–62.

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Pages

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Special formatting codes

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Special indentation

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Citations: rule-based, precise, redundant

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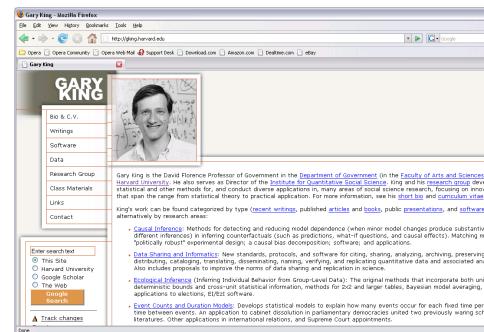
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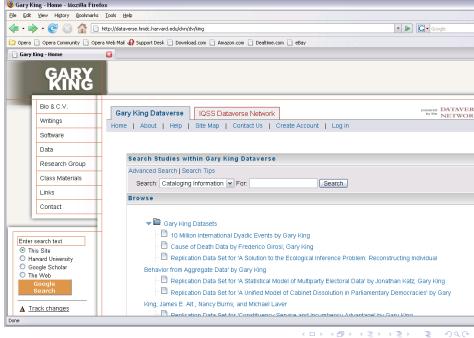
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- Virtual host: Where the web application software seems to run, but does not (web sites of: authors, journals, granting agencies, research centers, universities, scholarly organizations, etc.)

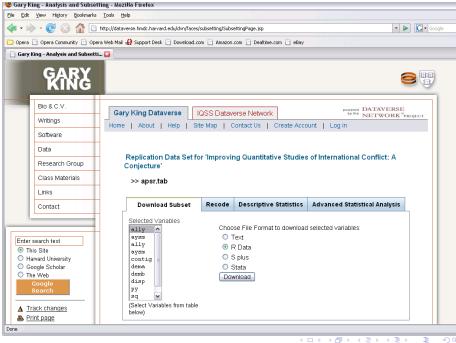


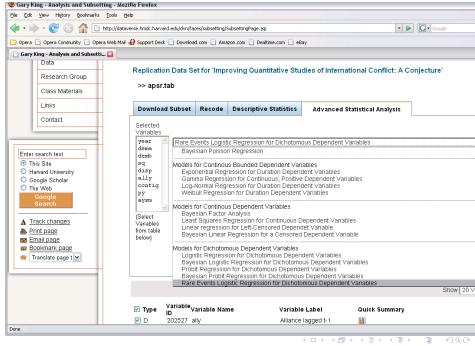


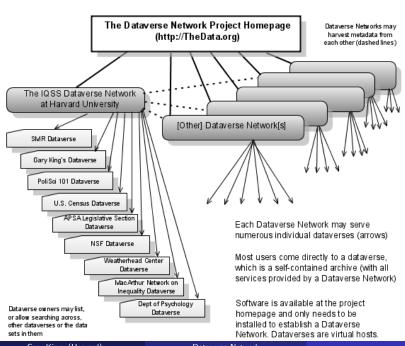
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- Data archives
- Accessing data outside the Dataverse Network

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- Replication policies cause journals to be cited three times as frequently! (with dataverse, it should be more)

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- Extend data model to new data types (field notes, audio, video, etc.)

Gary King (Harvard) Dataverse Network 24 / 26

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For more information

http://TheData.org