

Electronic Tagging Data Repository

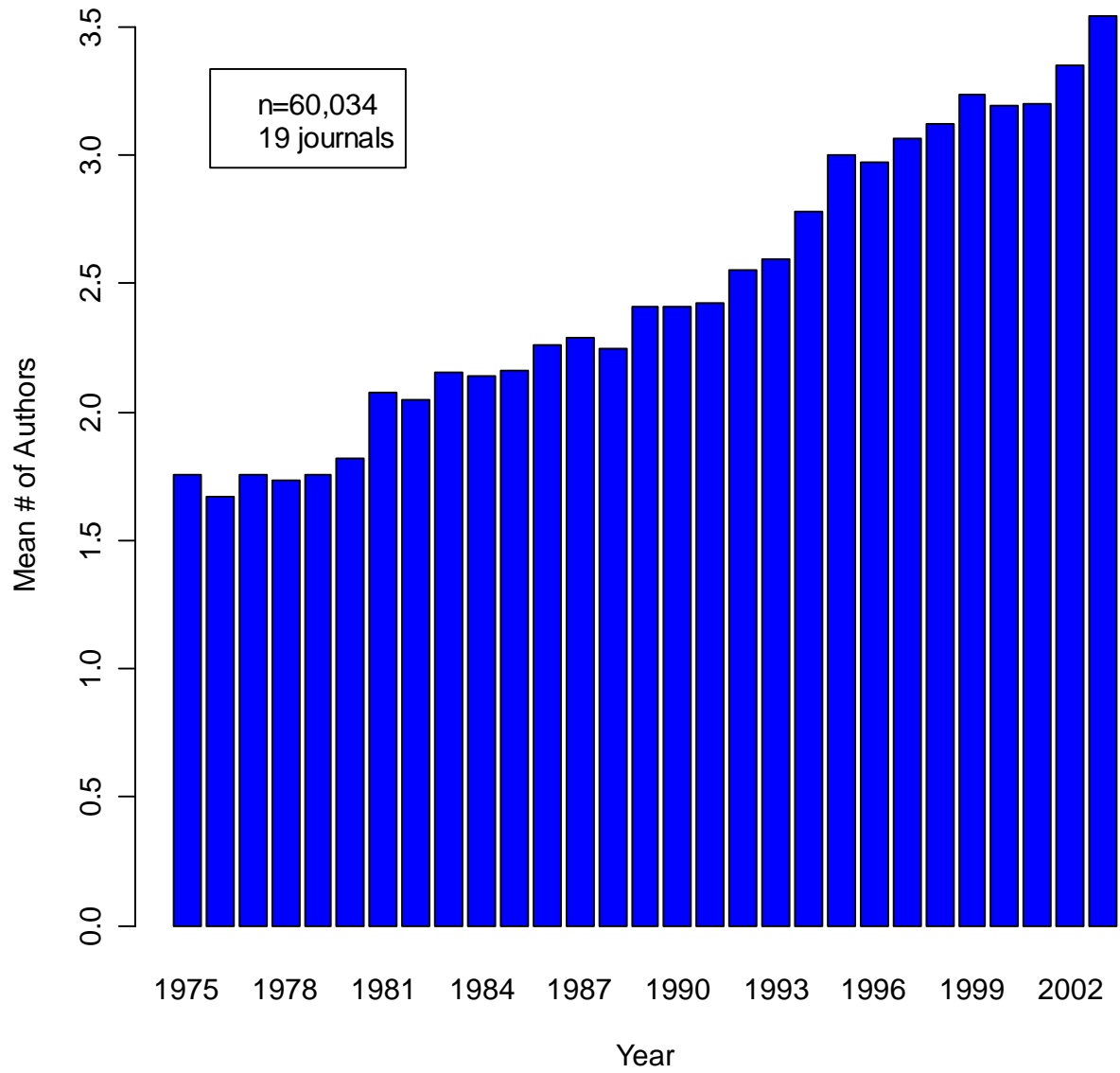
<https://www.soest.hawaii.edu/tag-data/>

Building the new culture of science?

John Sibert

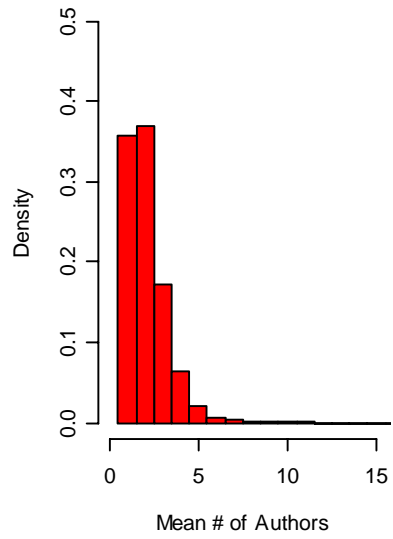
Johnoel Ancheta

Peter Ajtai

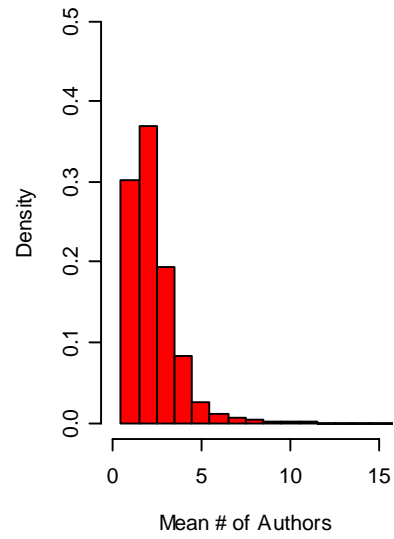


- Aquaculture
- Biological Bulletin
- Canadian Journal of Fisheries
and Aquatic Sciences
- Copeia
- Ecological Applications
- Ecological Modelling
- Ecology
- Fisheries
- Fisheries Research
- Fisheries Science
- Fishery Bulletin
- Hydrobiologia
- Journal of Applied Ichthyology
- Journal of Fish Biology
- Journal of Ichthyology
- Marine Ecology Progress Series
- Marine Fisheries Review
- Nature
- Science

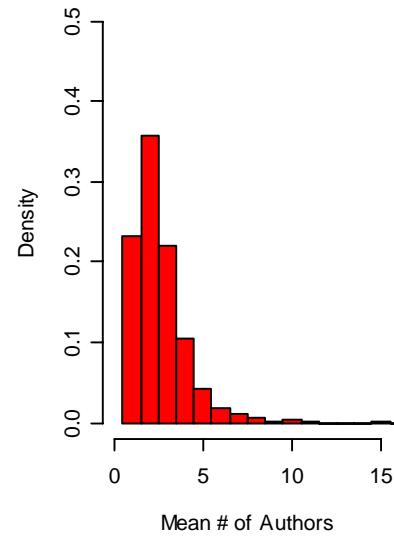
1980-1984



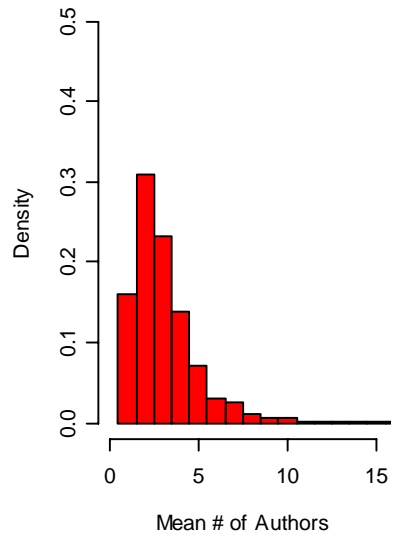
1985-1989



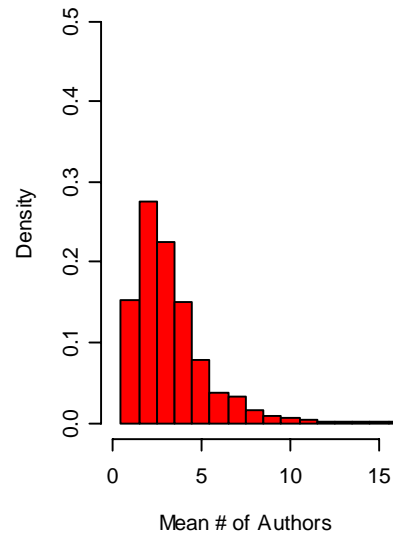
1990-1994

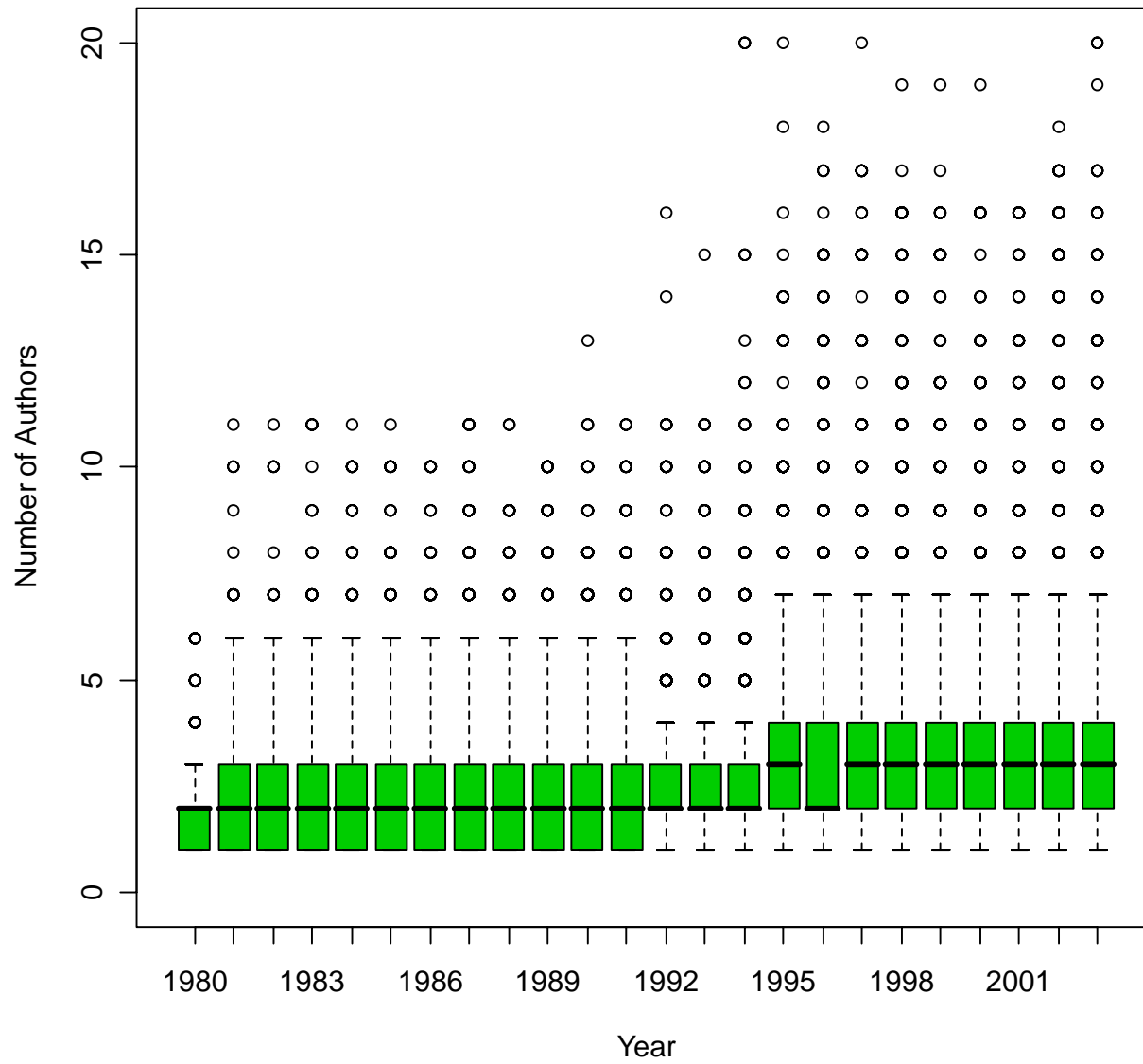


1995-1999

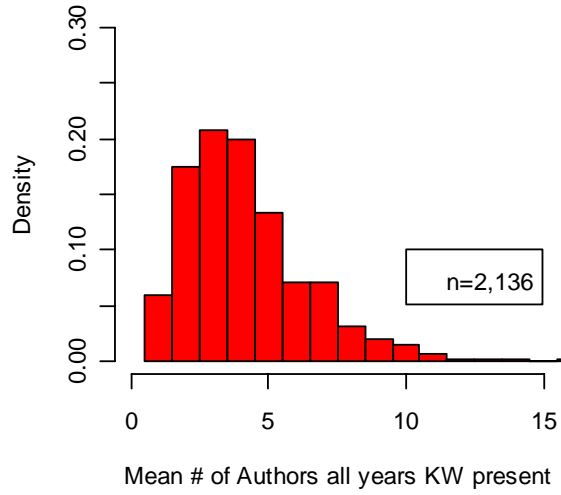


2000-2003

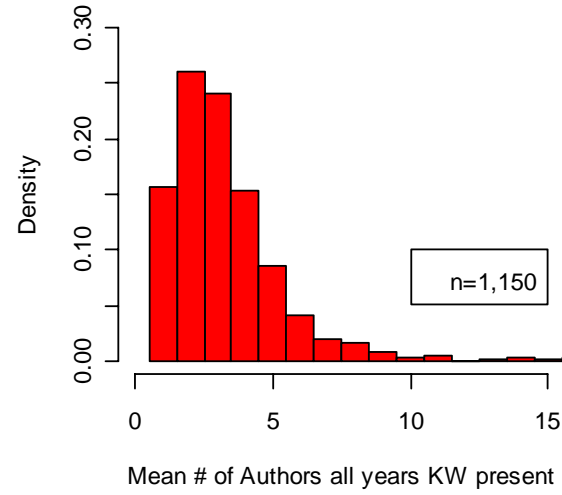




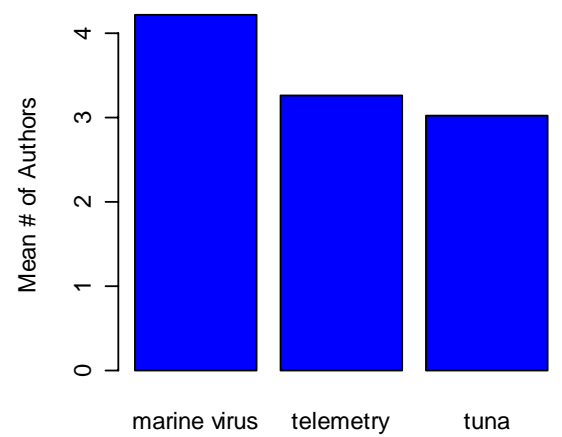
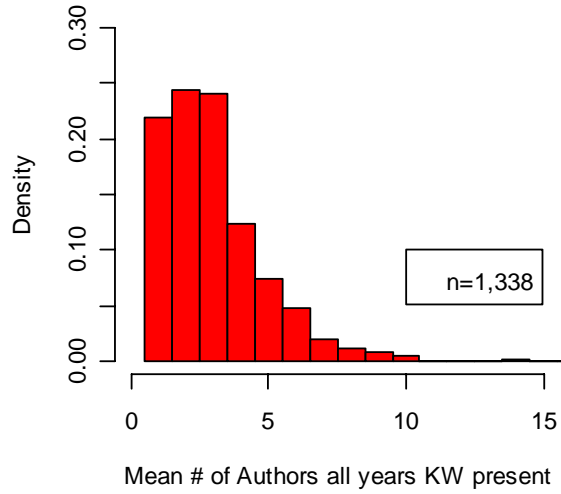
Keyword: Marine virus

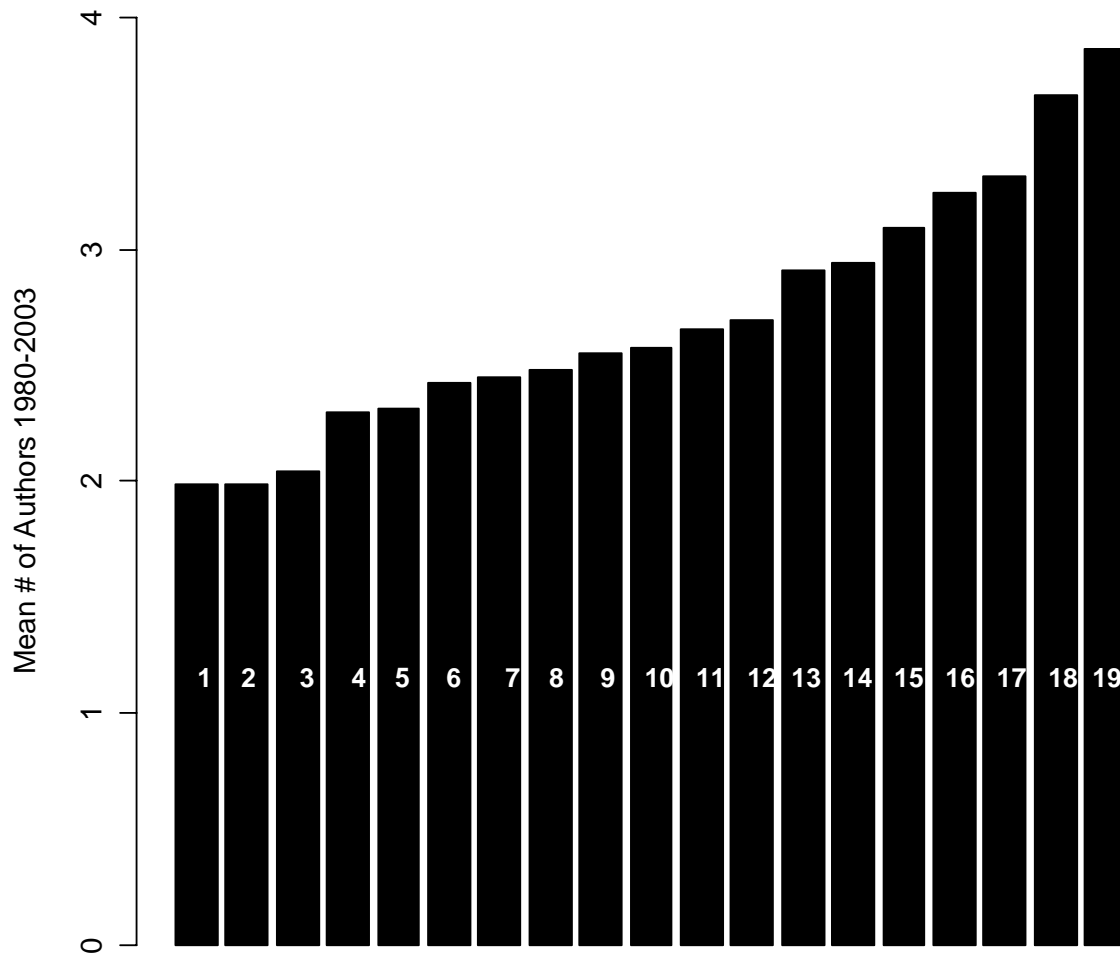


Keyword: Telemetry



Keyword: Tuna





- 1 Journal of Ichthyology
- 2 Copeia
- 3 Marine Fisheries Review
- 4 Ecology
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- 7 Fishery Bulletin
- 8 Ecological Modelling
- 9 Biological Bulletin
- 10 Journal of Fish Biology
- 11 Fisheries Research
- 12 Can. J. Fish. Aquat. Sci.
- 13 MEPS
- 14 Journal of Applied Ichthyology
- 15 Aquaculture
- 16 Ecological Applications
- 17 Nature
- 18 Fisheries Science
- 19 Science

Background

- Request from Musyl, Gunn and Hampton requested that PFRP act as “data broker”
- Meta-data and data rescue important aspects of a data repository
- Presentation at 2003 PI Meeting by Bill Michener revealed no need to re-invent any wheels

Knowledge Network for Biocomplexity (KNB)

- The KNB Project focuses on research into informatics and biocomplexity, through the development of software products and by providing education, outreach and training
- Sponsored and developed by:
 - National Science Foundation Knowledge and Distributed Intelligence Program
 - National Center for Ecological Analysis and Synthesis
 - Texas Tech University
 - Long Term Ecological Research Network
 - San Diego Supercomputer Center

Utilize KNB Toolbox

- EML – Ecological Metadata Language
 - Metadata standard
- Metacat – server for managing EML data bases
 - Control access
 - Search
 - Uploading and downloading
- Morpho – tool for assembling EML data bases
 - Import data

Ethical Use

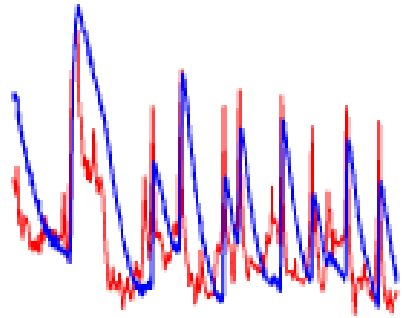
<https://www.soest.hawaii.edu/tag-data/usage-guidelines.html>

- Public data
 - Inform and acknowledge data owner
- Restricted data
 - Need a repository account
 - Need owner's permission
 - Offer co-authorship to data owner
- General acknowledgement of Repository
- Violation of guidelines has consequences.

Data Holdings

November 2005

<i>Data</i>	<i>Owner</i>	<i>Number of Tags</i>	<i>Access</i>	<i>Type Of Data</i>
Hawaii Mooring	Musyl	5	Public	Raw data
Bigeye Acoustic	Holland	2	Public	Raw data
Horizontal Movement of Bigeye Near Hawaii	Sibert	11	Public	Processed position estimates
Vertical Movement of Bigeye Near Hawaii	Musyl	9	Public	Raw data
Coral Sea Bigeye	Gunn, Hampton	15	Restricted	Raw data
PSAT-Performance	Musyl	>650	Restricted	Data on shedding and data recovery
New Caledonia Mooring	Leroy	2	Restricted	Raw data

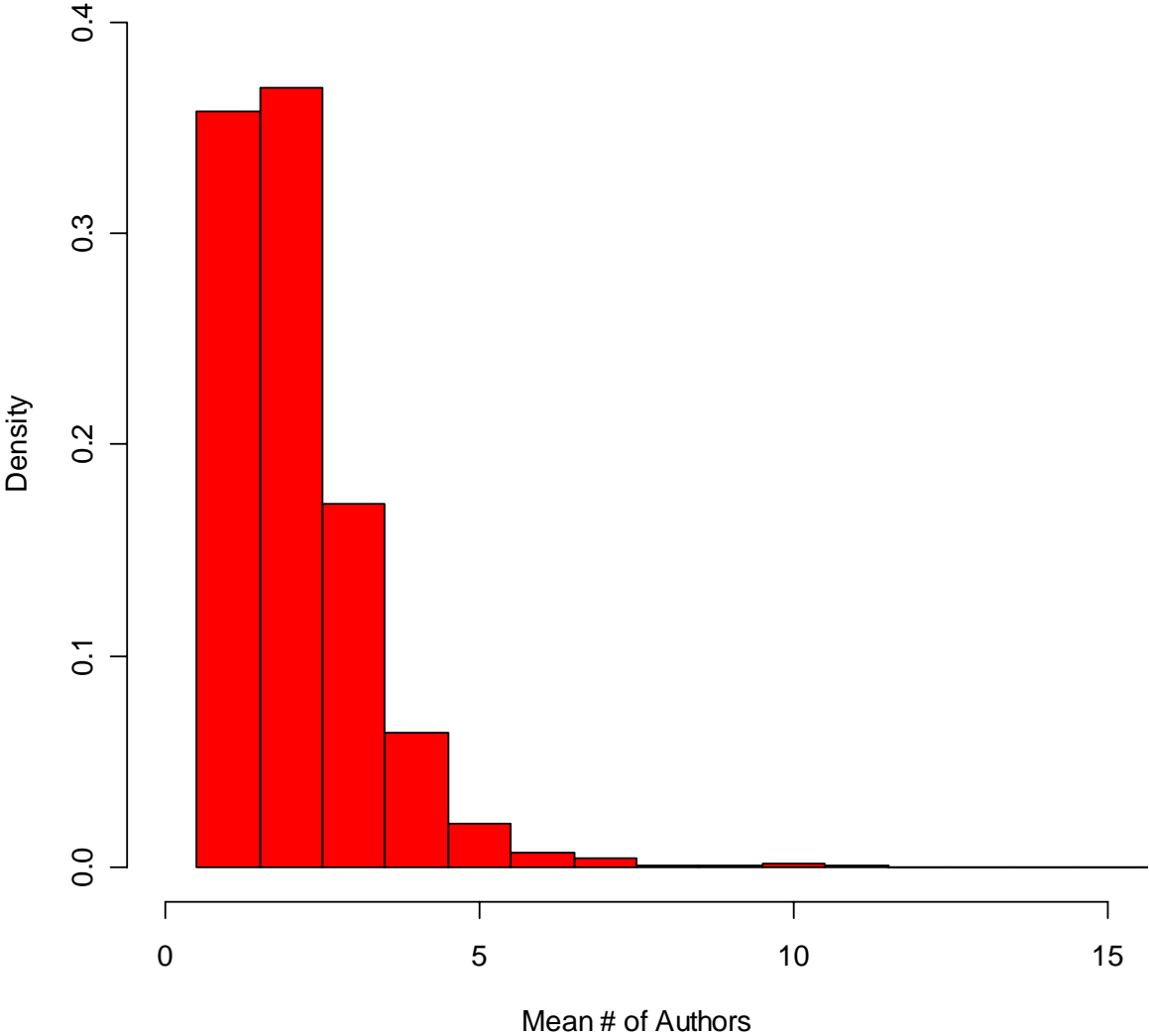


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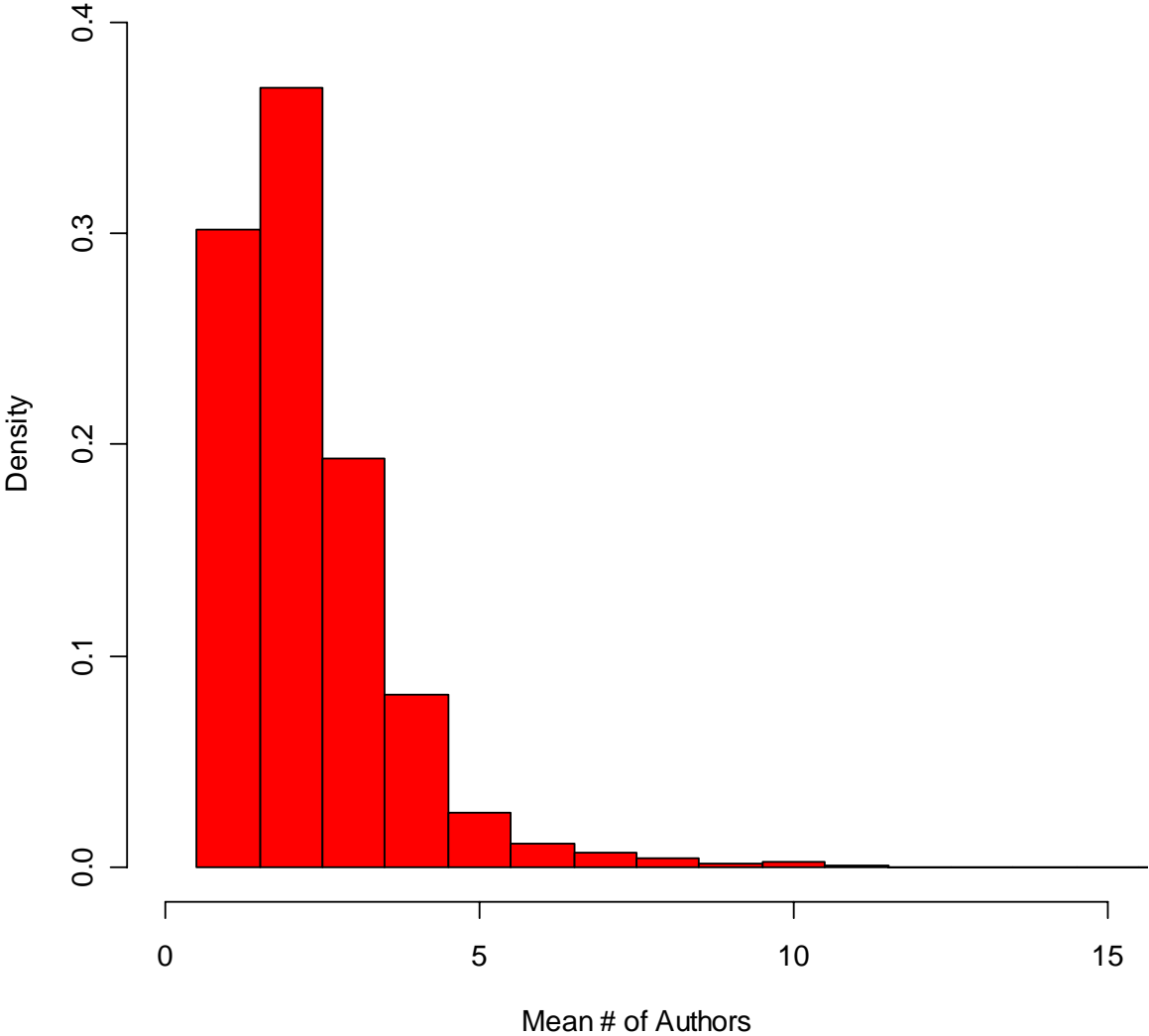
Check it out:

<https://www.soest.hawaii.edu/tag-data/>

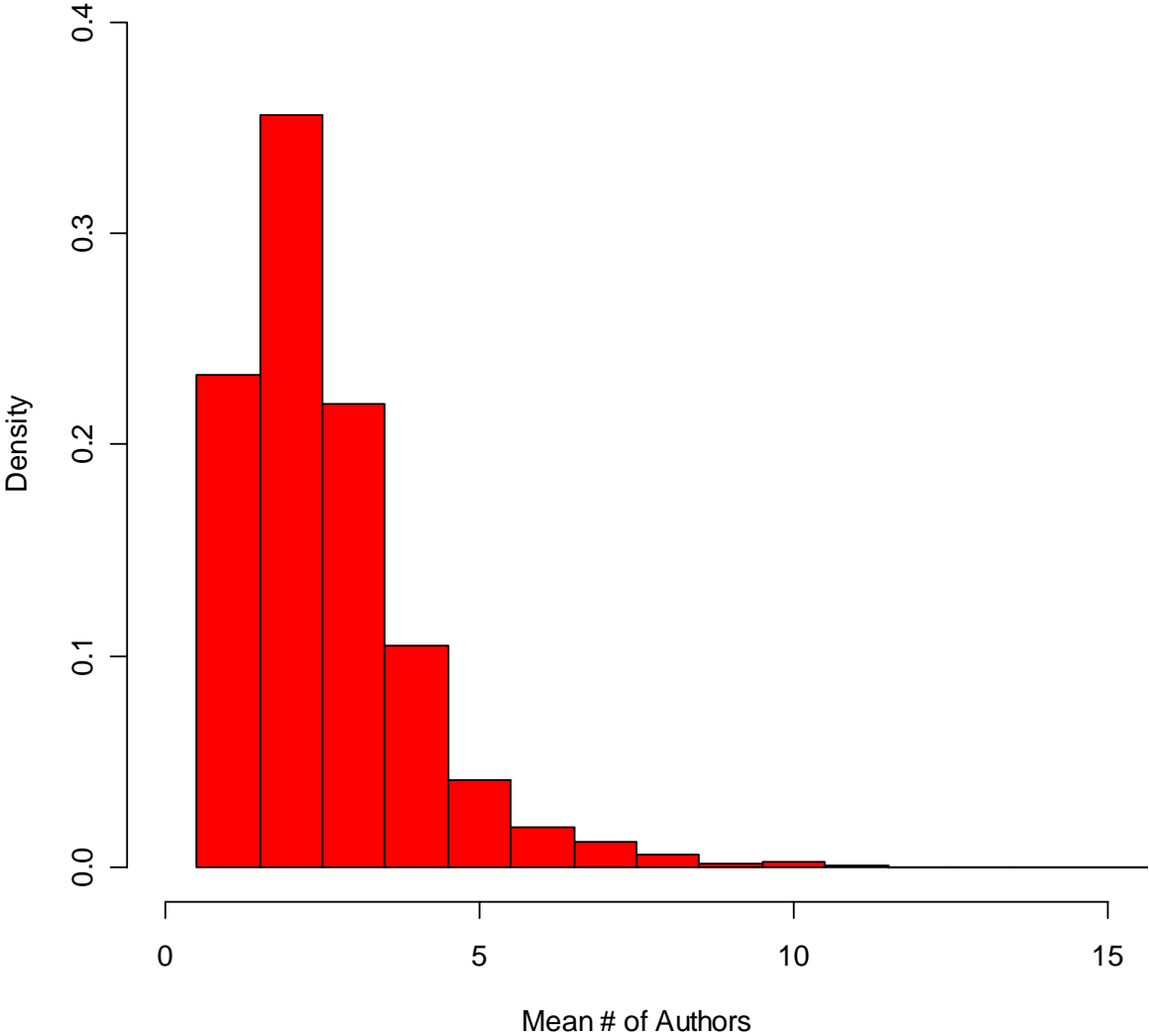
1980-1984



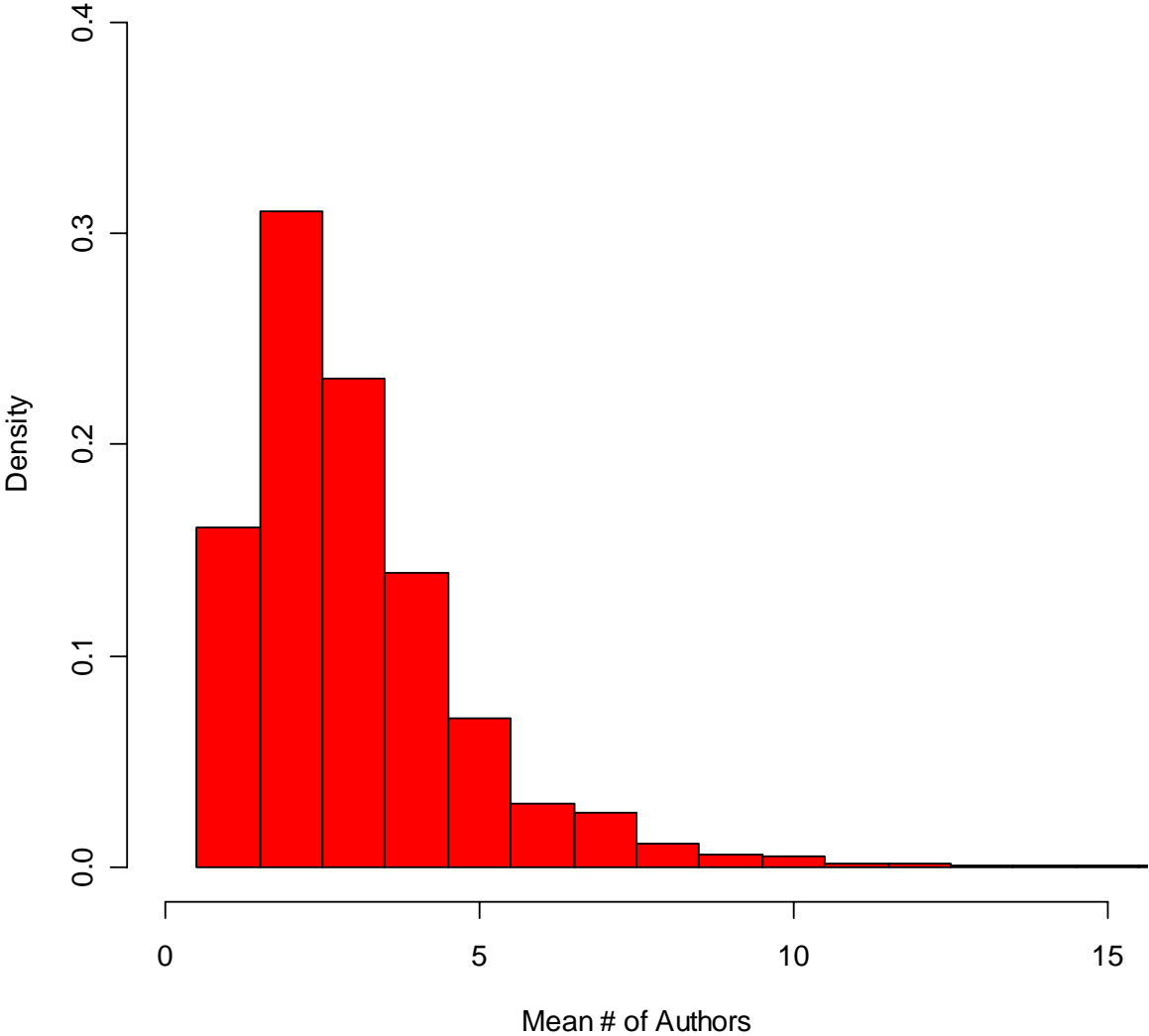
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