

# INTERPRETING STUDENT SEARCHES: ENRICHING LIBRARY OUTREACH THROUGH SEARCH QUERY ANALYSIS

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The image features a background of a brick wall with reddish-brown bricks and light-colored mortar. The word "BACKGROUND" is written in a bold, red, sans-serif font across the center. A black L-shaped graphic element is positioned in the bottom right corner, consisting of a vertical bar extending upwards and a horizontal bar extending to the left, meeting at a right angle.

**BACKGROUND**



**INDIANA UNIVERSITY**  
KOKOMO



**INDIANA UNIVERSITY**  
BLOOMINGTON



**INDIANA UNIVERSITY**



## Bloomington

- Doctoral/Research Extensive
- FTE 41,737 (Fall 2016)
- Flagship IU campus



## Kokomo

- Baccalaureate General
- FTE 2,727 (Fall 2016)
- Nursing, Business, Health Sciences

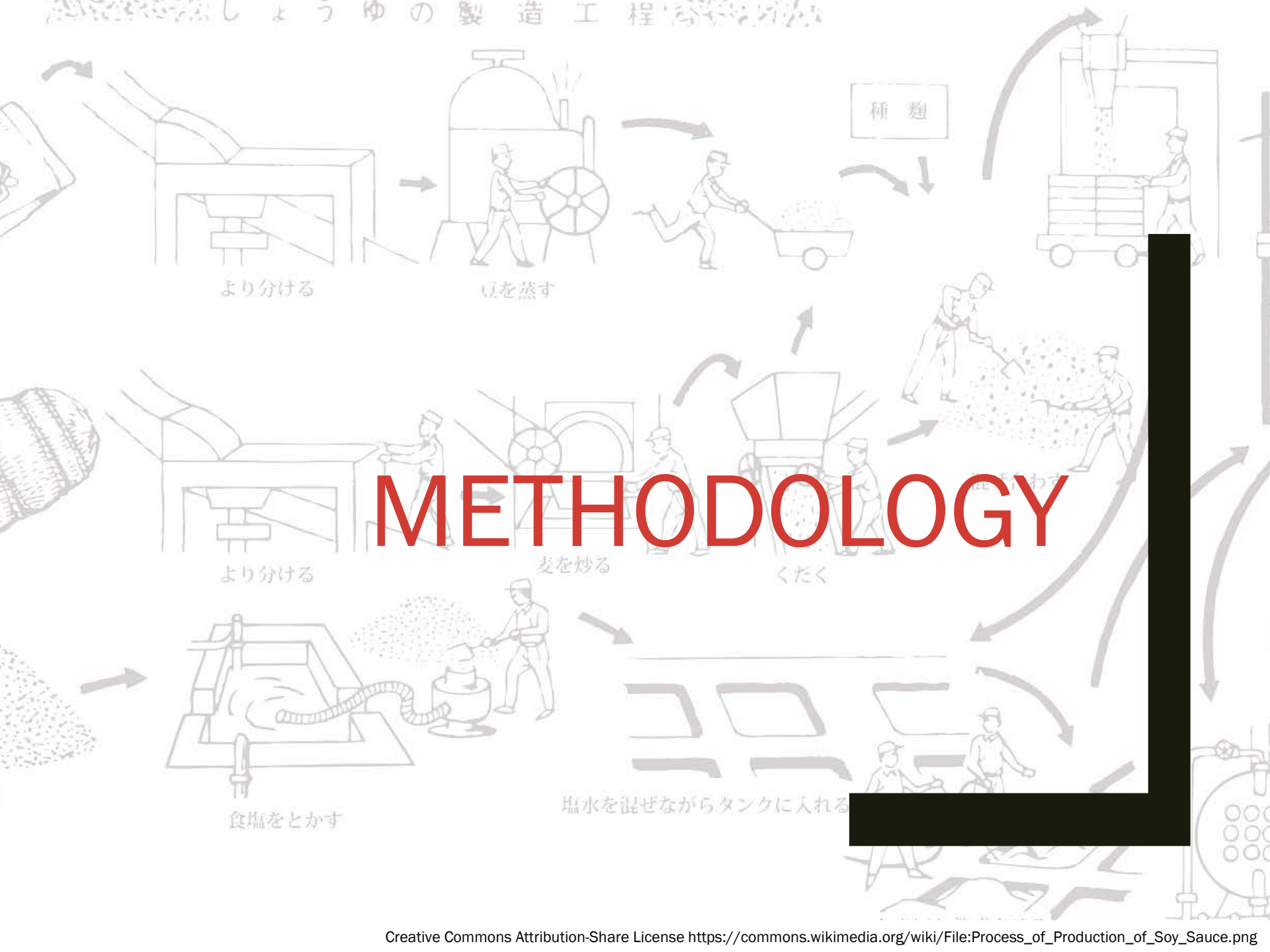
# IUCAT (shared catalog)

## IUB:

- Launched OneSearch@IU  
Aug 2011

## IUK:

- Launched EDS  
Sep 2011



より分ける

豆を蒸す

種 類

より分ける

麦を炒る

くたく

食塩をとかず

塩水を混ぜながらタンクに入れる

# METHODOLOGY

Query set

- Fall 2015 census



Random sample

- 1,677 queries each



Categorize

- Library of Congress Classification schedule

Did not categorize:

Databases

Journal  
titles

Source  
types



Did categorize:

Article  
titles

Known  
titles

Keywords

# Identifying classes

INDIANA UNIVERSITY  
**IUCAT**

Help/Ask a Librarian ▾ ILL/Recall Login/My Account


Home Advanced Search Browse Reserves Change Location Folders (1) Saved Searches Search History

All Fields ▾ folklore AND death Search

Online Only Advanced Search

You searched for: folklore AND death ✕ Start Over

« Previous | 1 - 10 of 358 | Next »






Sort by Relevance ▾ 10 per page ▾ 

Add checked to folder ▾

### Limit your search



Newly Added Titles >

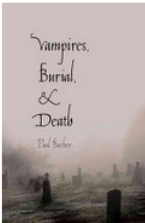
Format ▾

 Book	294
 Online Resource	85
+ Video & Film	40
+ Audio Recording	18
 Journal, Periodical	2
+ Microformats	2
+ Mixed Materials, Three-dimensional objects	2
 Manuscript	1
 Musical Score	1



Publication Year >

1. Vampires, burial, and death folklore and reality

Author: Barber, Paul, 1941-  
Publication Date: 2010  
Edition: With a new preface ed.  
Language: English  
Format:  Book  Online Resource  
Copies At: Southeast, Bloomington, East, Northwest, Indianapolis, Kokomo, Fort Wayne, Columbus



2. Vampires, burial, and death folklore and reality

Author: Barber, Paul, 1941-  
Publication Date: 1988  
Language: English  
Format:  Book  Online Resource  
Copies At: Indianapolis

# Identifying classes

Material Objects	Language	English
Manuscript 1	Format:  Book  Online Resource	
Musical Score 1	Copies At: Indianapolis	
Publication Year >		
Author >		
Subject >		
Language >		
Call Number ▾		
A - General Works 1		
B - Philosophy, Psychology, Religion 18		
C - Historical Sciences(Archaeology, Genealogy) 1		
D - World History 9		
Dewey Classification 20		
E - History of Americas (General) 11		
F - History of Americas (Local) 10		
G - Geography, Anthropology, Recreation 113		
Government Documents (Su-Docs) 1		
H - Social Sciences 6		
K - Law 1		
more »		
Campus >		
Library >		
Collection >		
	3. Vampires, burial, and death : folklore and reality <input type="checkbox"/>	
	Author: Barber, Paul, 1941-	
	Publication Date: 1988	
	Language: English	
	Format:  Book	
	Copies At: East, Fort Wayne, Indianapolis, Bloomington	
	4. Death : an anthology of ancient texts, songs, prayers, and stories <input type="checkbox"/>	
	Publication Date: 1984	
	Language: English	
	Format:  Book	
	Copies At: Bloomington	
	5. Latvian folklore ceļotiesi bāleļiņi! <input type="checkbox"/>	
	Publication Date: 1986	
	Language: Latin	
	Format:  Musical Recording	
	Copies At: Bloomington Archives of Traditional Music	
	6. Psyche and death : death-demons in folklore, myths, and modern dreams <input type="checkbox"/>	
	Author: Herzog, Edgar	
	Publication Date: 1988	



# Library Catalog

- Manuscript 1
- Musical Score 1
- Publication Year >
- Author >
- Subject >
- Language >
- Call Number ▾
  - A - General Works 1
  - B - Philosophy, Psychology, Religion 18
  - C - Historical Sciences(Archaeology, Genealogy) 1
  - D - World History 9
  - Dewey Classification 20
  - E - History of Americas (General) 11
  - F - History of Americas (Local) 10
  - G - Geography, Anthropology, Recreation 113
  - Government Documents (SuDocs) 1
  - H - Social Sciences 6
  - K - Law 1
  - more »
- Campus >
- Library >
- Collection >

Format: Book Online Resource

### Call Number

G - Geography, Anthropology, Recreation	113
P - Language & Literature	56
Dewey Classification	20
B - Philosophy, Psychology, Religion	18
E - History of Americas (General)	11
F - History of Americas (Local)	10
D - World History	9
M - Music	7
H - Social Sciences	6
Q - Science	2
R - Medicine	2
A - General Works	1
C - Historical Sciences(Archaeology, Genealogy)	1
Government Documents (SuDocs)	1
K - Law	1
L - Education	1
N - Fine Arts	1
Other	1
Z - Bibliography, Library Science, Information Resources	1

« Previous   Next »

A-Z Sort   Numerical Sort

Format: Musical Recording

Copies At: **Bloomington Archives of Traditional Music**

6. *Psyche and death : death-demons in folklore, myths, and modern dreams*

Author: Herzog, Edgar

# Identifying classes

Manuscript	1
+ Microformats	1

Publication Year >

Author >

Subject >

Language >

Call Number v


A - General Works	1
Dewey Classification	2
F - History of Americas (Local)	1
G - Geography, Anthropology, Recreation	113
GR: Folklore	85
GT: Manners & customs	24
AC: Collections Works	1
GN: Anthropology	1
GV: Recreation, Leisure	1
Other	1
P - Language & Literature	1

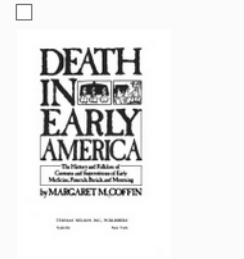
Campus >

Library >


Collection >

## 2. Death in early America : the history and folklore of customs and superstitions of early medicine, funerals, burials, and mourning


Author: Coffin, Margaret  
Publication Date: 1976  
Edition: 1st ed.  
Language: English  
Format:  Book  
Copies At: Kokomo, Bloomington




## 3. Death and burial of the dead : a study of Ewe funeral folklore

Author: Anyidoho, Kofi  
Publication Date: 1983  
Language: English  
Format:  Book  
Copies At: Bloomington

## 4. Folk-lore and fable

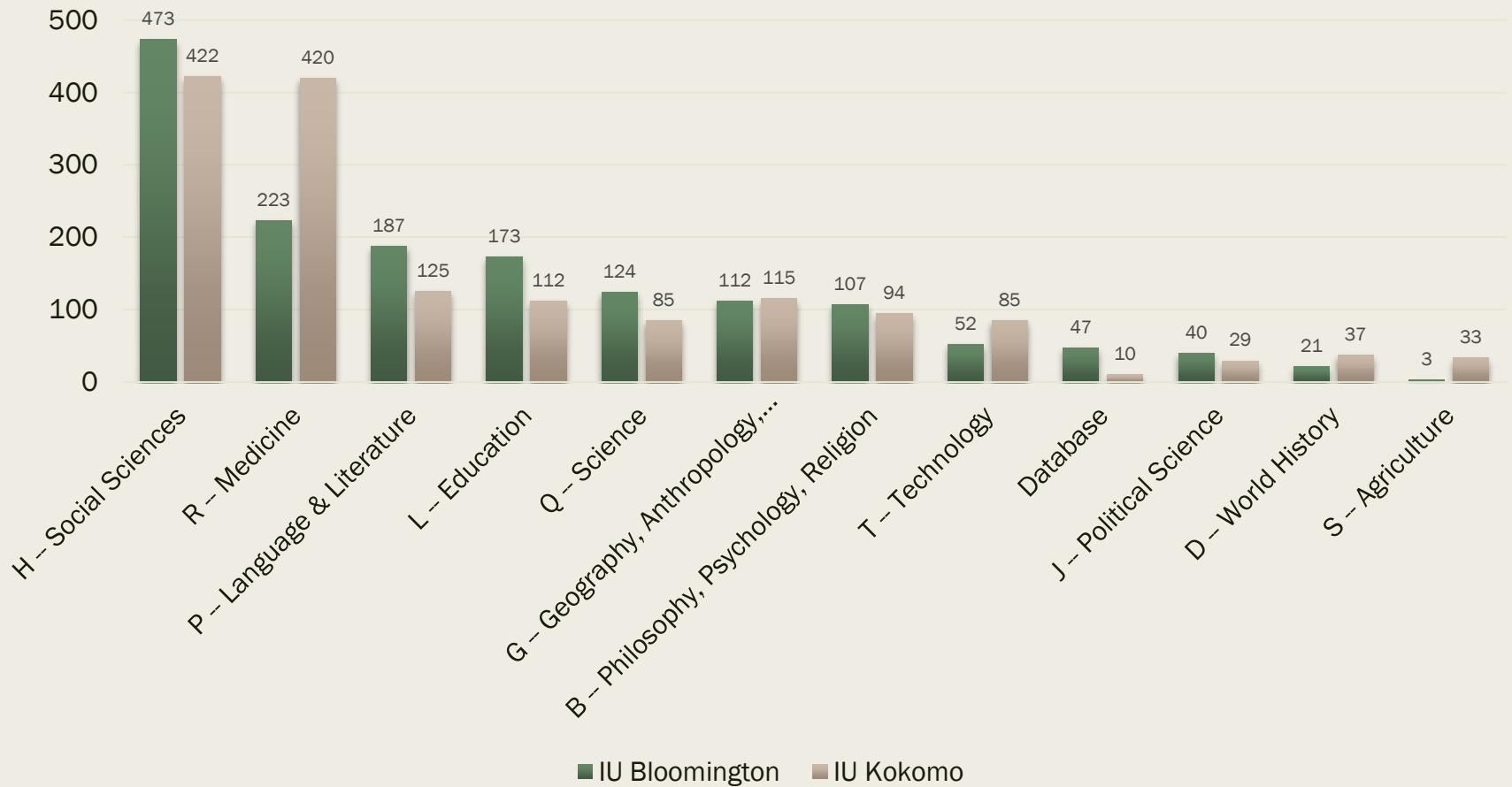
Publication Date: 1937  
Edition: Registered, Deluxe ed.  
Language: English  
Format:  Book  
Copies At: South Bend

## 5. Folk-lore and fable: Aesop, Grimm, Andersen

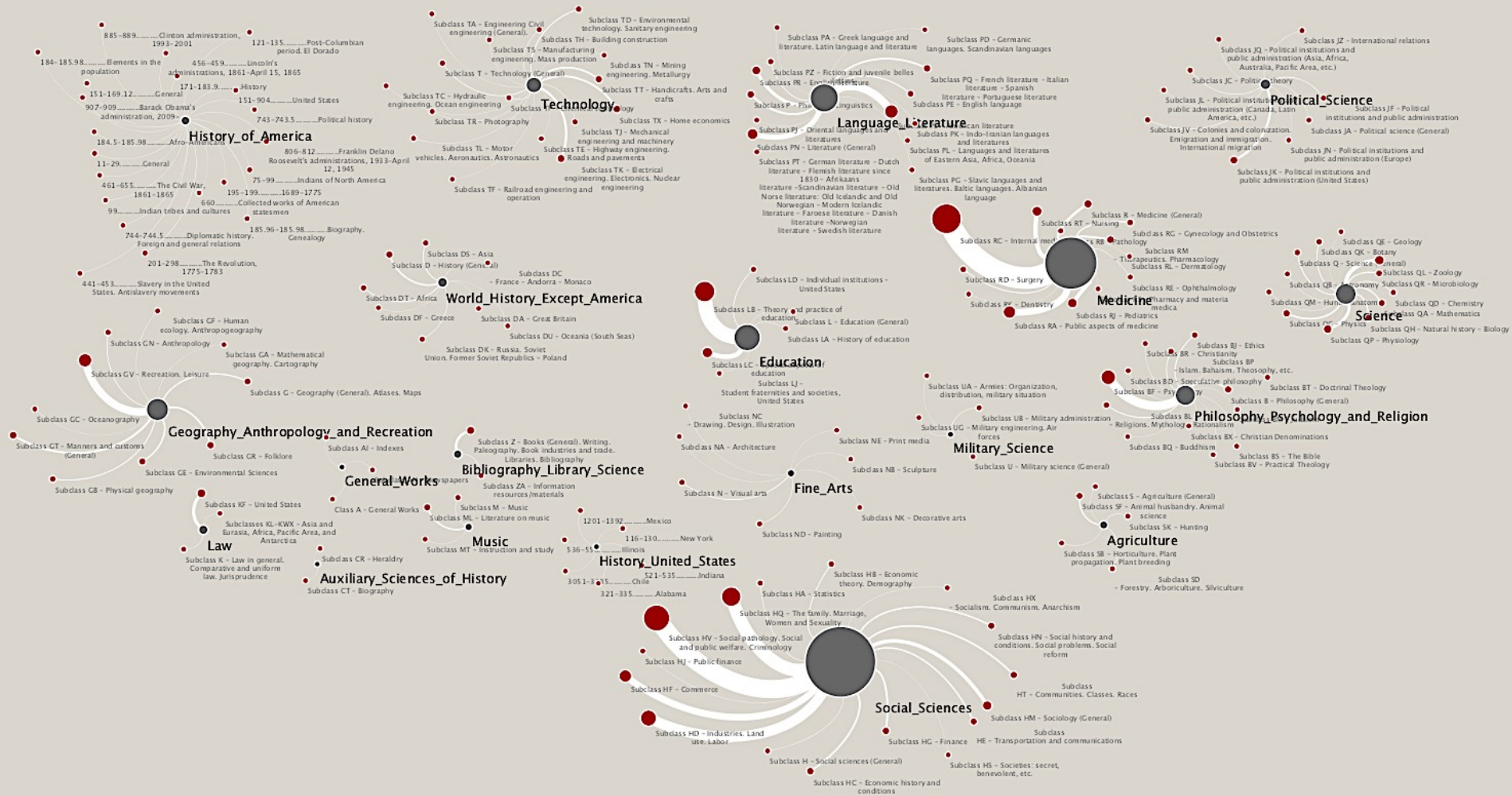
Publication Date: 1909  
Language: English  
Format:  Book  
Copies At: Kokomo, Fort Wayne, Indianapolis, Bloomington



# LC Classification Totals

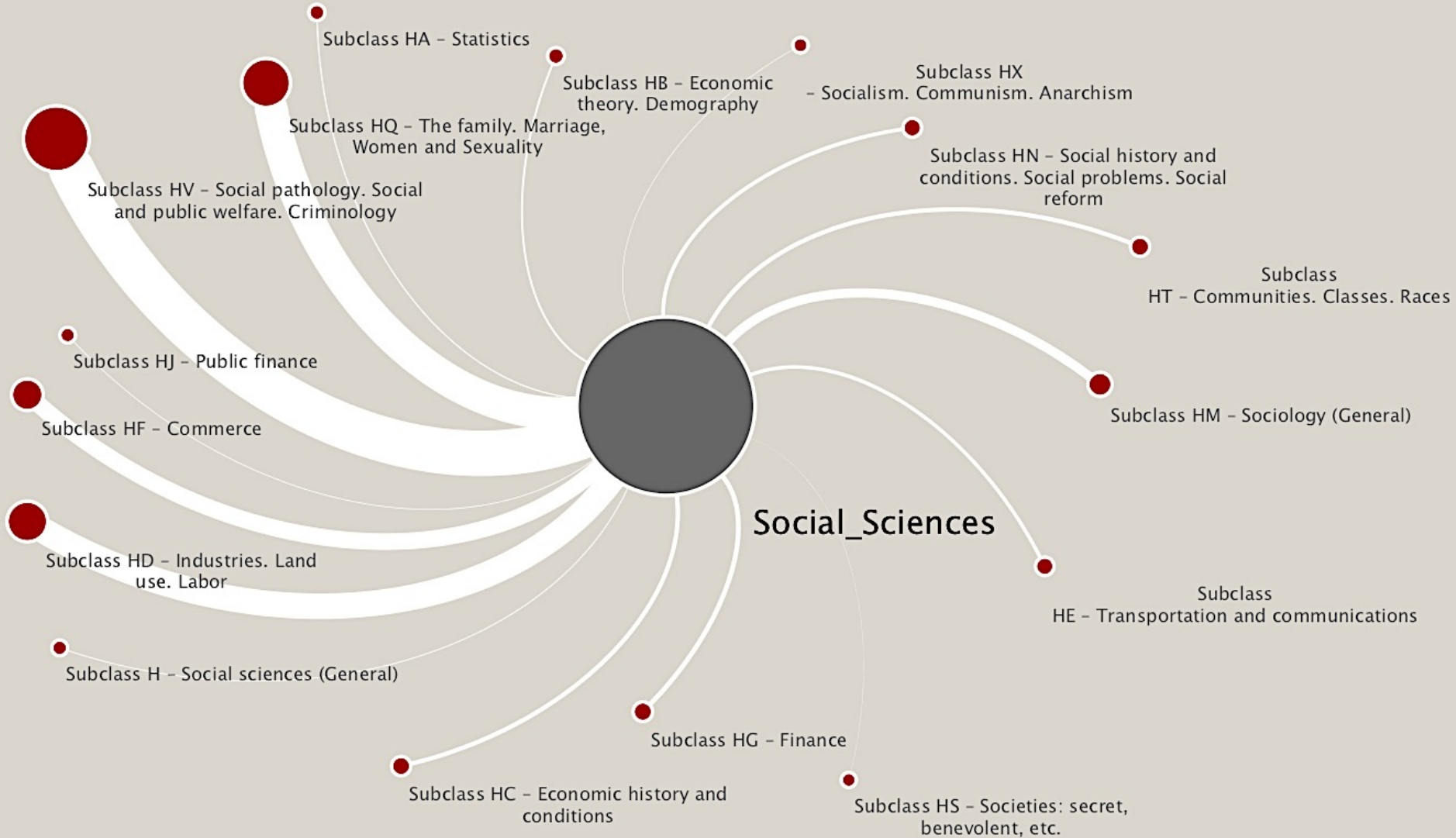


# LC Totals Visualization

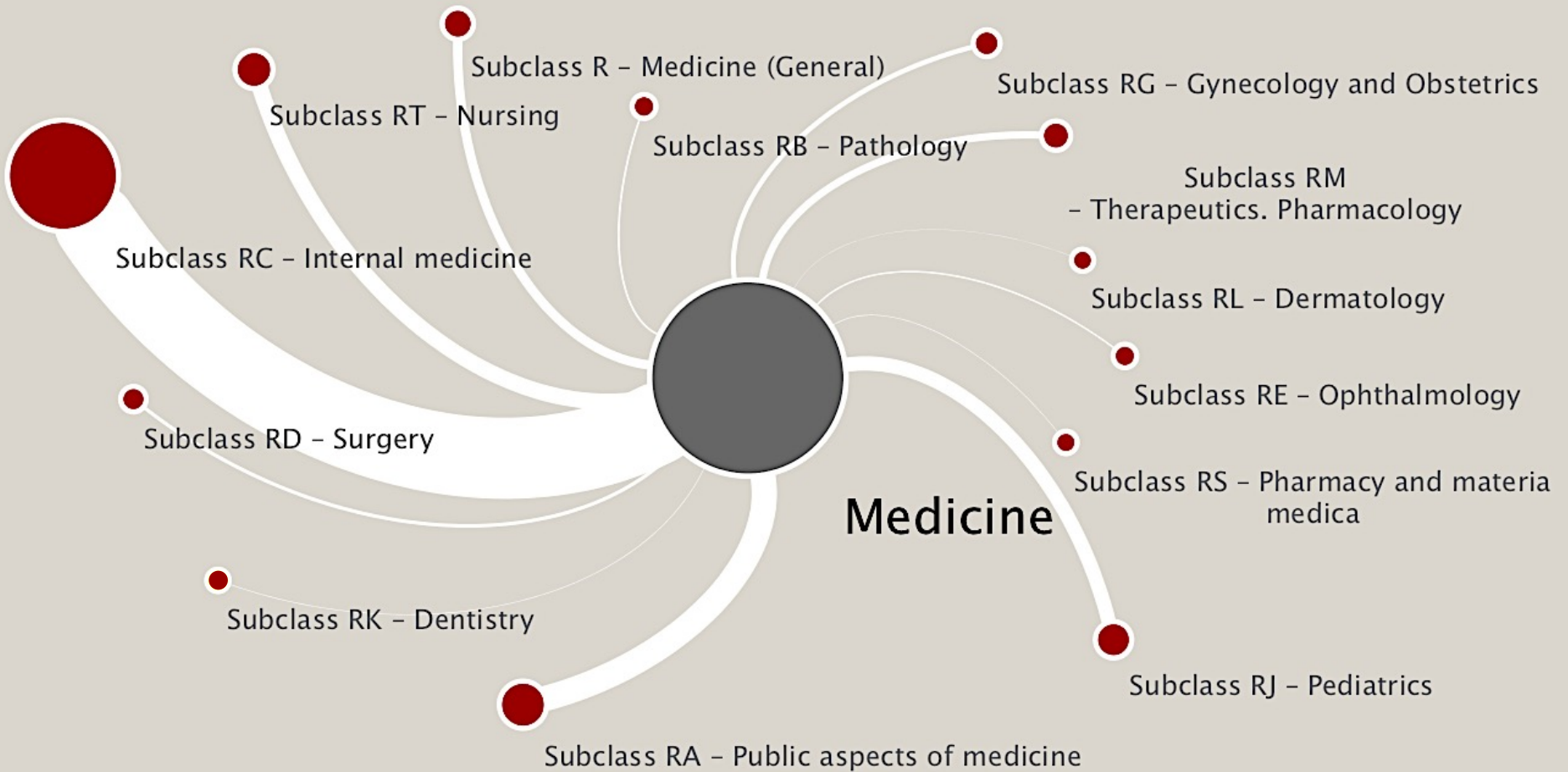




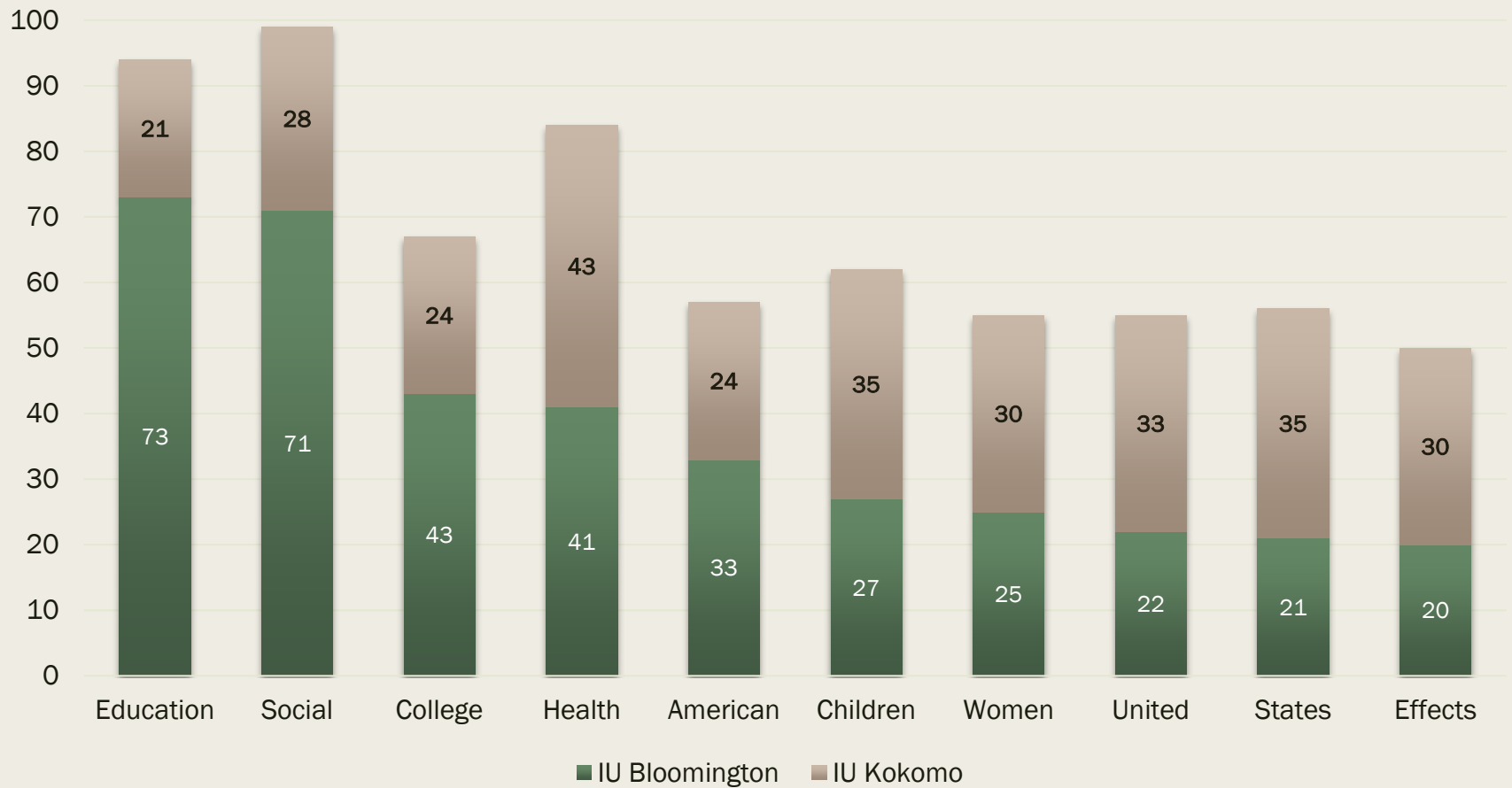
# H Class Visualization



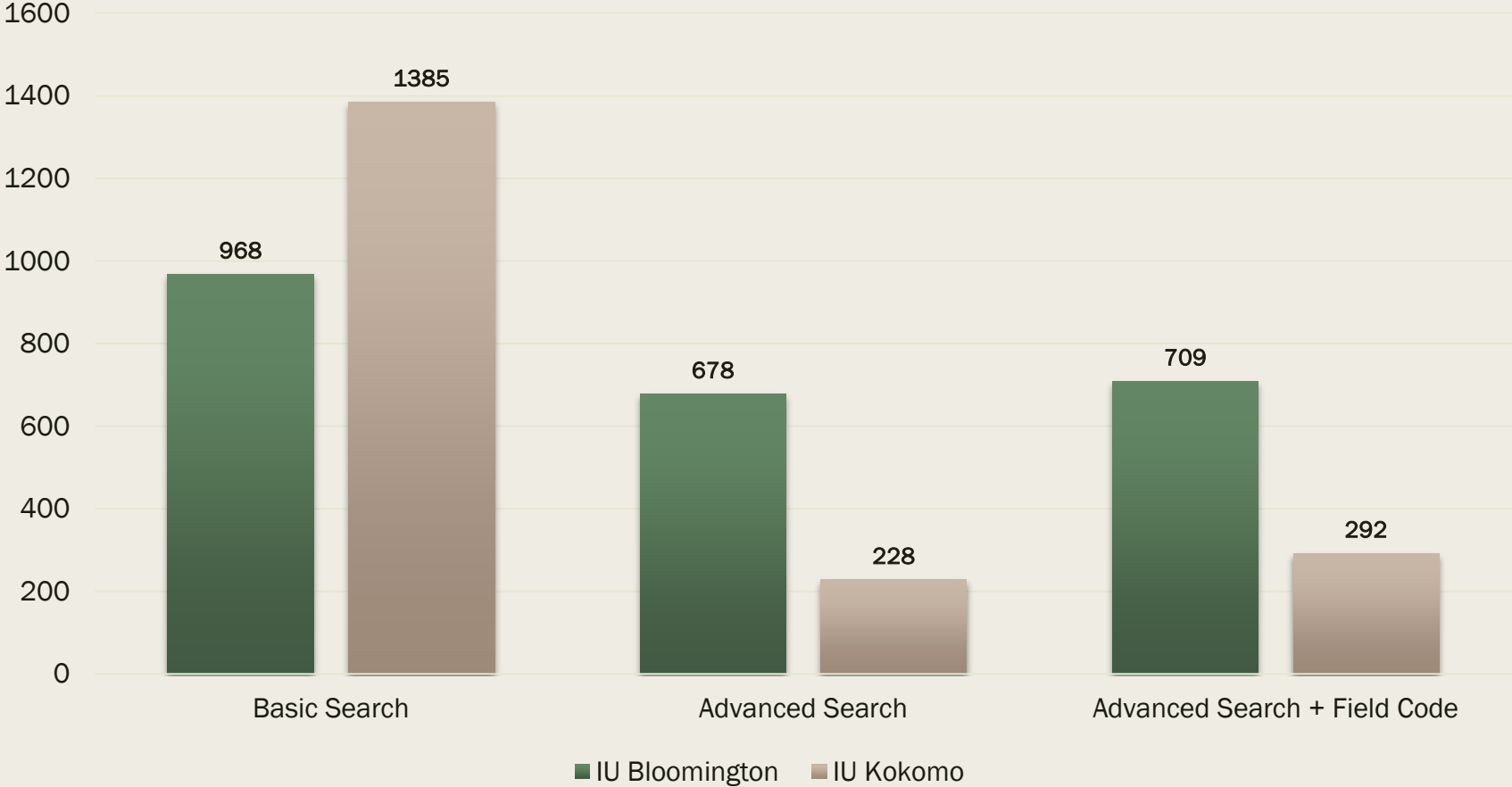
# R Class Visualization



# Top 10 Search Terms

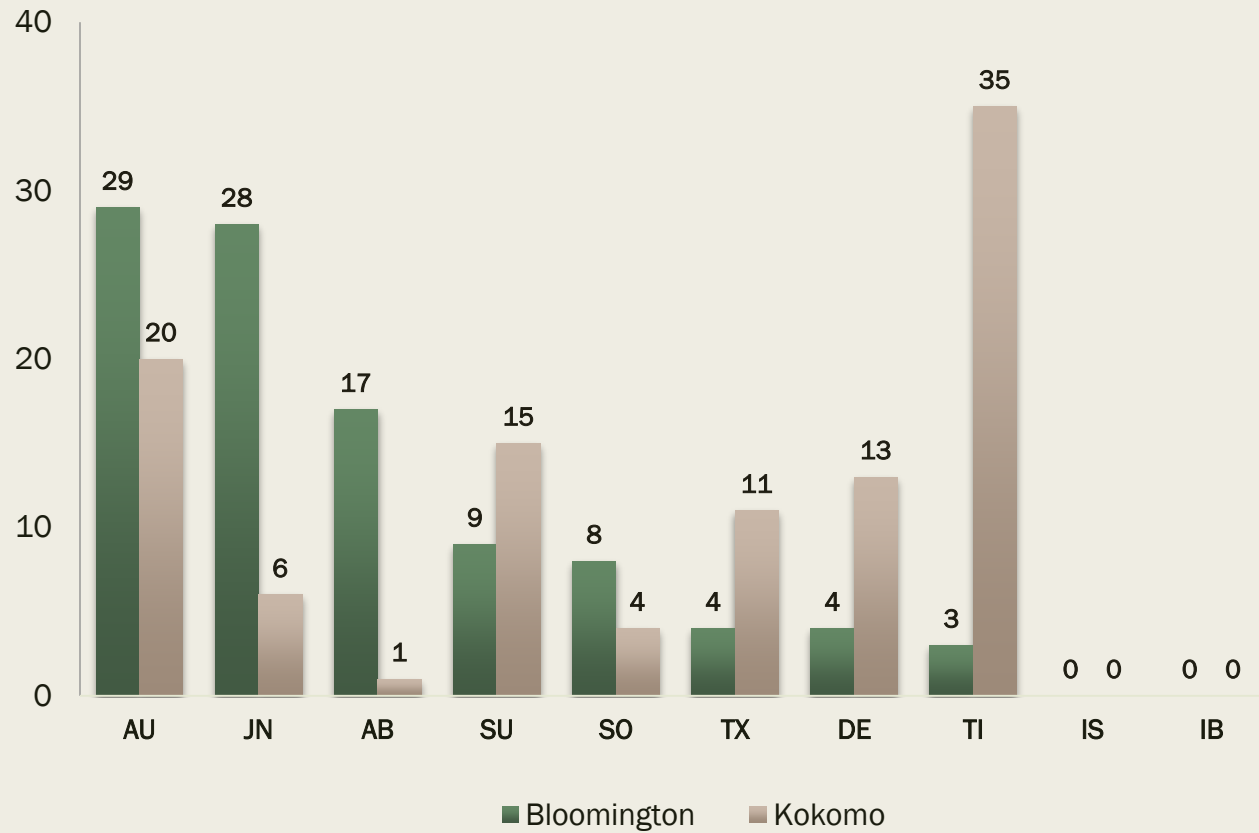


# Basic vs. Advanced Searches



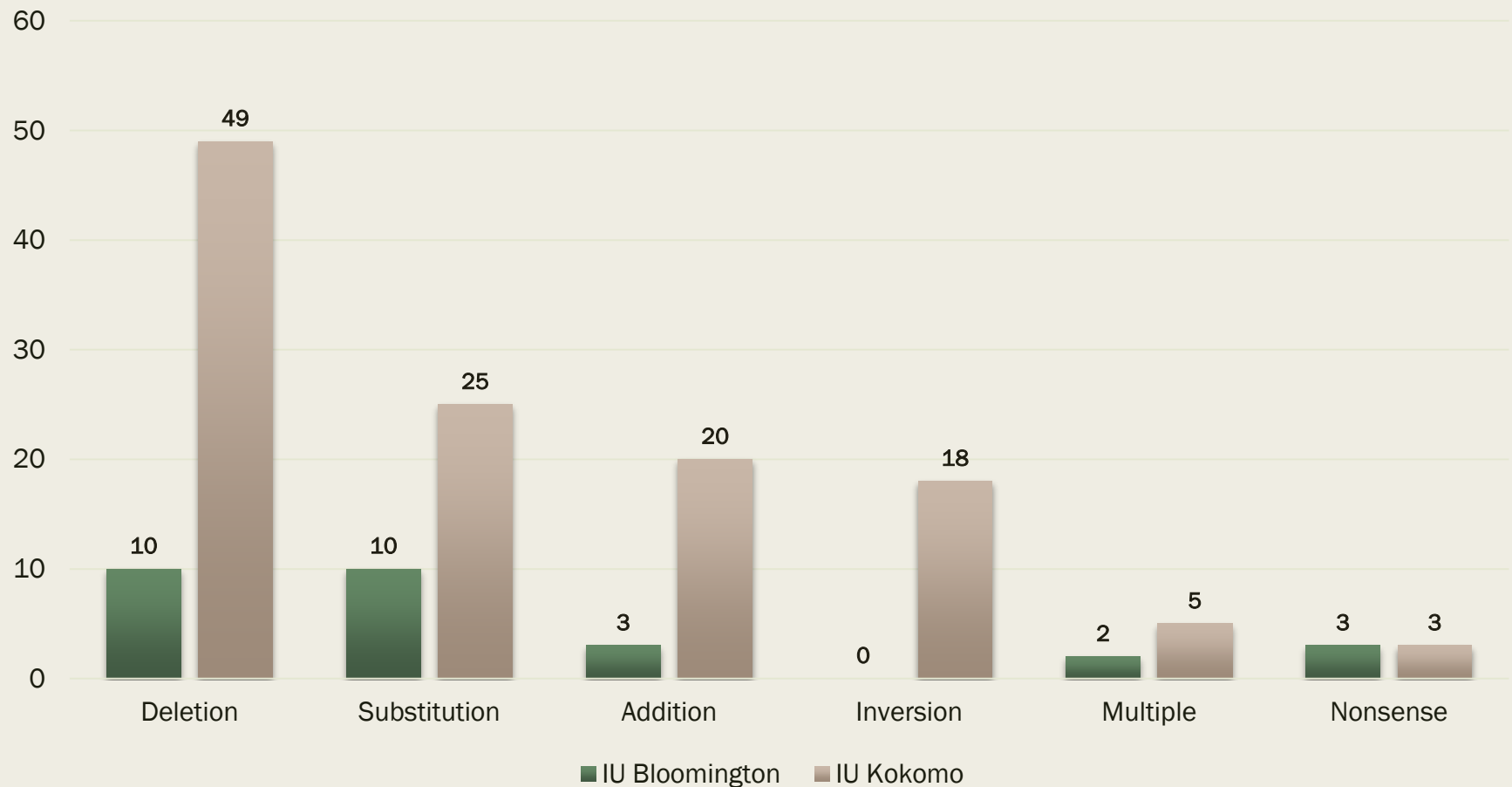
# Field Codes

- TX – All Text
- AU – Author
- TI – Title
- SU – Subject Terms
- SO – Source
- AB – Abstract
- IS – ISSN
- IB – ISBN
- \*JN – Journal Name
- \*DE – Subject

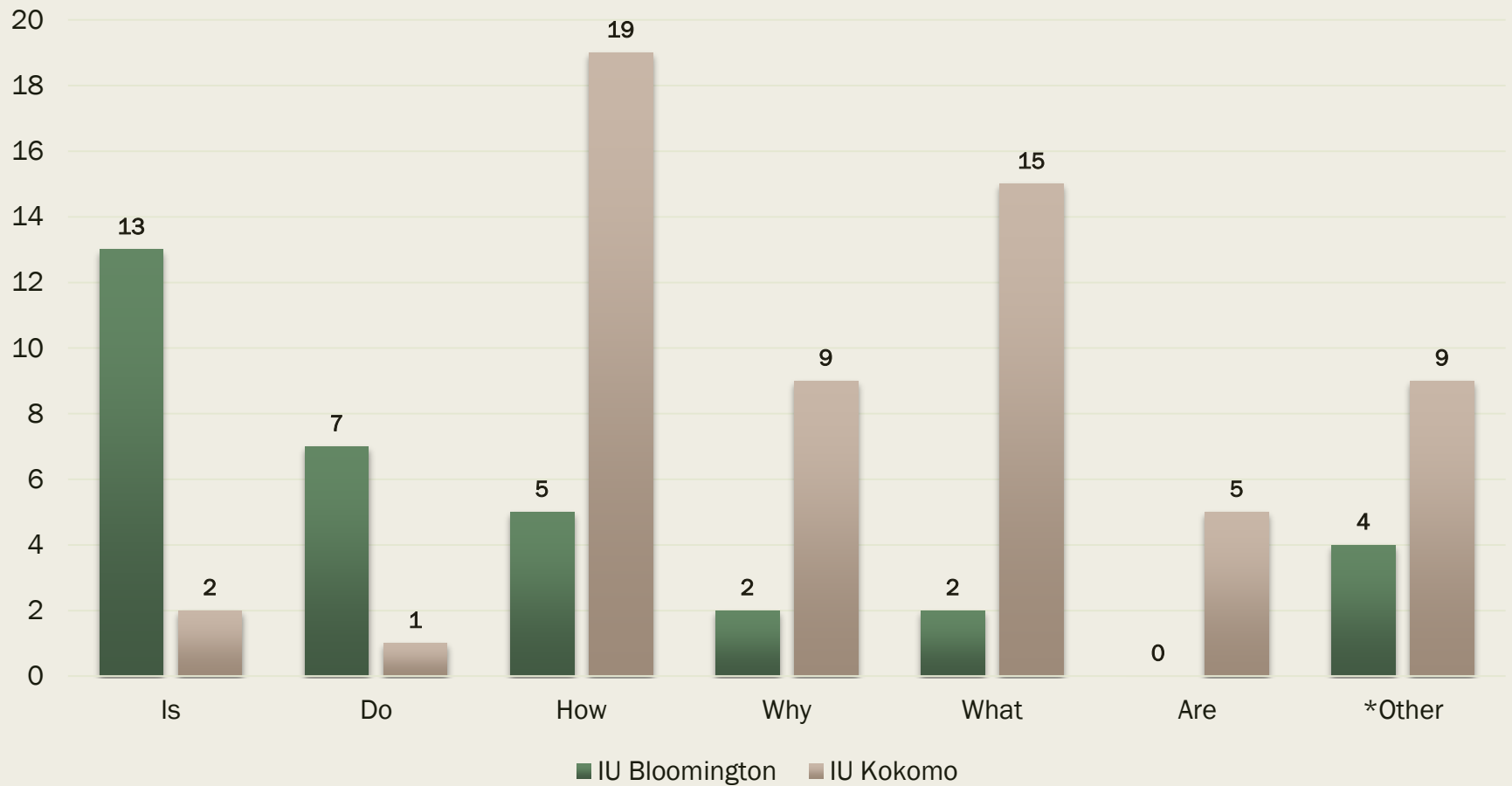


\*These field codes are not included in the dropdown options for EDS and so indicate that the search was most likely performed by a librarian as you would have to know the code and its definition

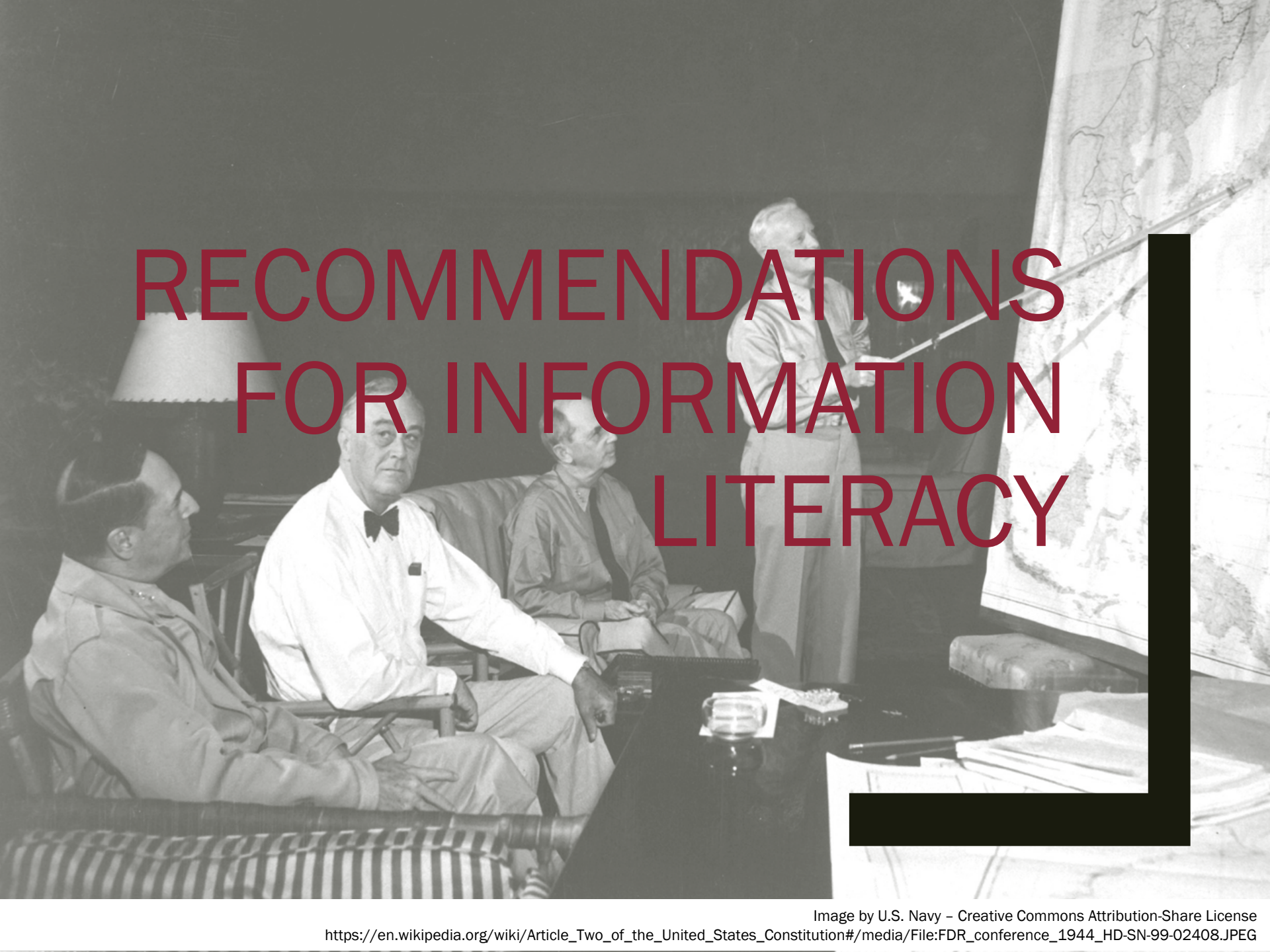
# Typographical Errors



# Questions



\*Includes: Can, Does, Should, When, Which, Who



# RECOMMENDATIONS FOR INFORMATION LITERACY

Image by U.S. Navy – Creative Commons Attribution-Share License

[https://en.wikipedia.org/wiki/Article\\_Two\\_of\\_the\\_United\\_States\\_Constitution#/media/File:FDR\\_conference\\_1944\\_HD-SN-99-02408.JPEG](https://en.wikipedia.org/wiki/Article_Two_of_the_United_States_Constitution#/media/File:FDR_conference_1944_HD-SN-99-02408.JPEG)



# Popular Queries

Bloomington

Pillbugs  
(Isopods)

(pillbug AND behavior)  
(isopods AND response)

19 searches

Folklore

(folklore) AND  
(comics)

24 searches

Their Eyes  
Were  
Watching God

("their eyes were  
watching god" AND  
mcgowan")

19 searches

Psychology  
myths

(10% AND "of"  
AND our AND  
brains)

21 searches

Kokomo

Espionage

(war AND Spies)  
(espionage AND  
cases)

24 searches

Feminism

(feminism AND fairy  
AND tale AND  
social AND norm)

19 searches

James  
Bond

(007 AND british  
AND empire)

20 searches

Types of  
intelligence

multiple  
intelligence

16 searches

# (Un)expected Benefits

Learn LC

Discover curricular  
themes

Reference desk  
advantages

Find issues to fix in  
catalog

Use more catalog  
functions

New collaboration  
opportunities with  
faculty

# Some Considerations...

## Problems with the catalog:

E-books lack call numbers.

Some also lack subject headings.

## Questions:

How do users browse by subject area?

How do users apply facets that rely upon call numbers?

## Solutions:

Implications for MARC record suppliers

Catalog drawbacks = discovery assets?

# System Enhancements

## EDS

- Citation Search
- Autocorrect
- Placards
- Expand Did-You-Mean

## IUCAT

- Update Indexes
  - Search results
  - Facets

A futuristic digital landscape with glowing blue lines and data streams in a dark, industrial setting. The scene is composed of a grid of light blue lines that recede into the distance, creating a sense of depth and perspective. The background is a dark, textured concrete wall with a large, glowing blue light source in the center, casting a strong glow on the surrounding environment. The overall atmosphere is one of advanced technology and digital connectivity.

# NEXT STEPS

# Future Plans

Discuss findings  
with teaching  
faculty/librarians

Repeat with  
spring semester  
data

Future studies

Discuss results  
with other public  
service points

# Plan 1: Outreach to instructors

Discuss findings  
with teaching  
faculty/librarians

Repeat with  
spring semester  
data

Future studies

Discuss results  
with other public  
service points

# Plan 2: Analyze spring data

Discuss findings  
with teaching  
faculty/librarians

Repeat with  
spring semester  
data

Future studies

Discuss results  
with other public  
service points



# Plan 3: Derivative & partner projects

Discuss findings  
with teaching  
faculty/librarians

Repeat with  
spring semester  
data

Future studies

Discuss results  
with other public  
service points

# Plan 4: Additional library outreach

Discuss findings  
with teaching  
faculty/librarians

Repeat with  
spring semester  
data

Future studies

Discuss results  
with other public  
service points



"tour guides"

"IT"

disease

"trailer park"

acceptance

seatbelts

help "or" hinderance

("is" AND at

"gsa" AND "wcf"

"traffic"

audio book

death

sports

(2016 AND class AND schedule)

(eating AND candy)

ll

"gay games"

# Questions?

race

background check for animals

ulta

(%u2022Eating AND candy)

"selfie"

clothing

"fame" AND "stars"

dissertation

scholarly articles

peer reviewed on smelly t-shirt

"uber"

technology "and" ethics

"Bed Bath

"eye contact"

PT "Journal Article"

TI energy drinks