

Student Use of Keywords and Limiters in Web-scale Discovery Searching

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Research Questions

1. Does explicit instruction influence students' likelihood of using RVOneSearch limiters?
1. How effectively do students use keywords in RVOneSearch after receiving instruction on keywording?

Data collection

New Search Multimedia Journals Catalog Databases

RVOne Search

Searching: RVOneSearch

Keyword obesity and fast food and children and schools Search

Basic Search Advanced Search Search History

Search History/Alerts

Print Search History Retrieve Searches Retrieve Alerts Save Searches / Alerts

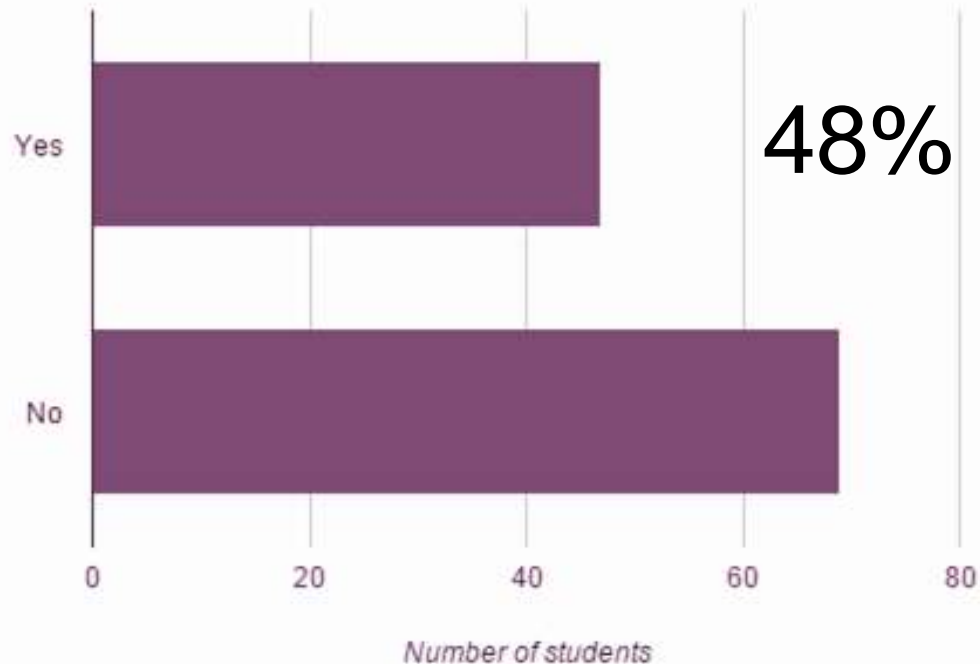
Select / deselect all Search with AND Search with OR Delete Searches

Search ID#	Search Terms	Search Options
S5	obesity and fast food and children and schools	Limiters - Full Text; Peer Reviewed Expanders - Also search within the full text of the articles Search modes - Find all my search terms
S4	obesity and fast food and children	Limiters - Full Text; Peer Reviewed Expanders - Also search within the full text of the articles Search modes - Find all my search terms
S3	obesity and fast food	Limiters - Full Text; Peer Reviewed Expanders - Also search within the full text of the articles Search modes - Find all my search terms
S2	obesity	Limiters - Full Text; Peer Reviewed Expanders - Also search within the full text of the articles Search modes - Find all my search terms

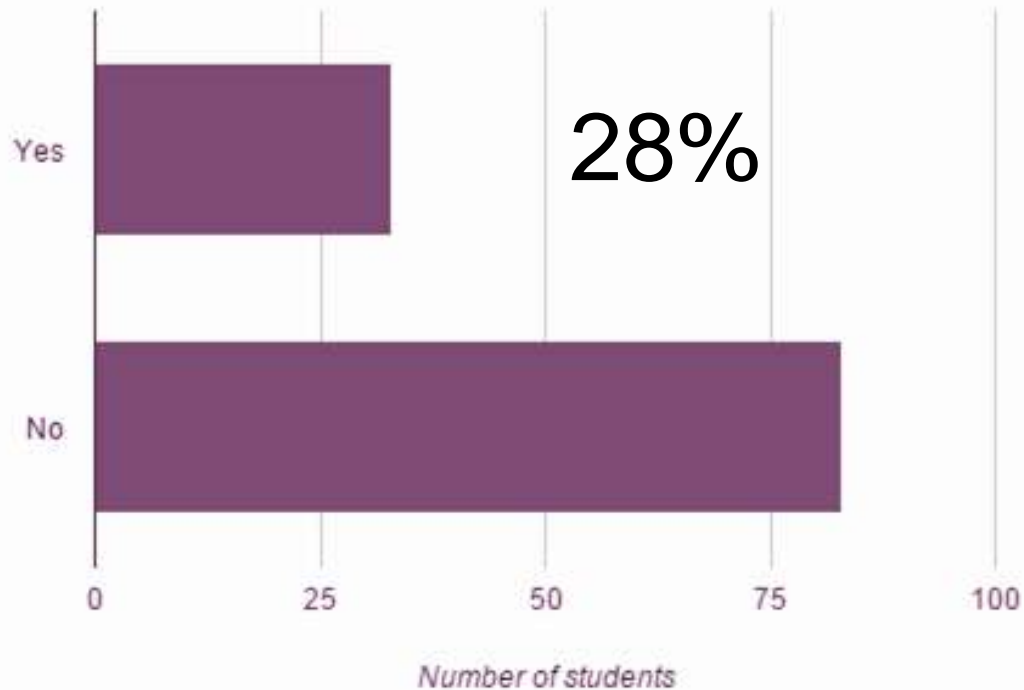
What we analyzed

- Use of Ebsco provided limiters
- Student keyword abilities

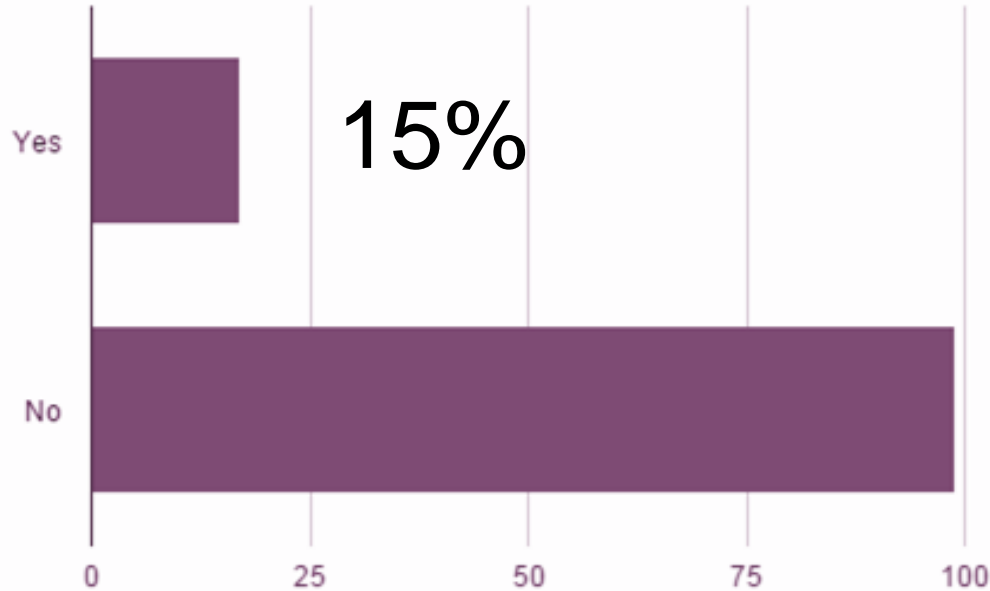
Limited to Peer-Reviewed



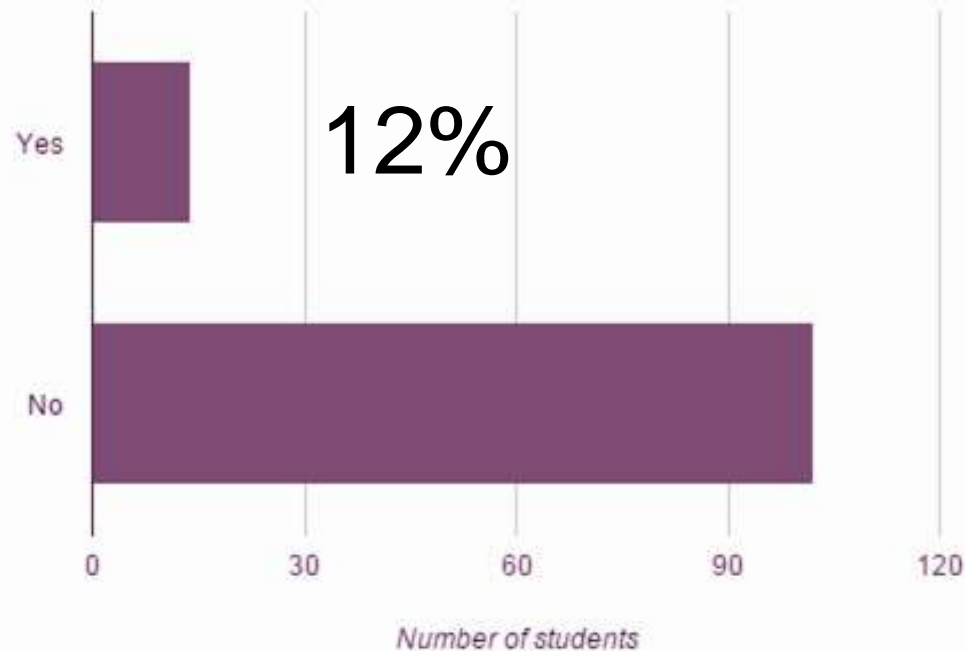
Limited by Date



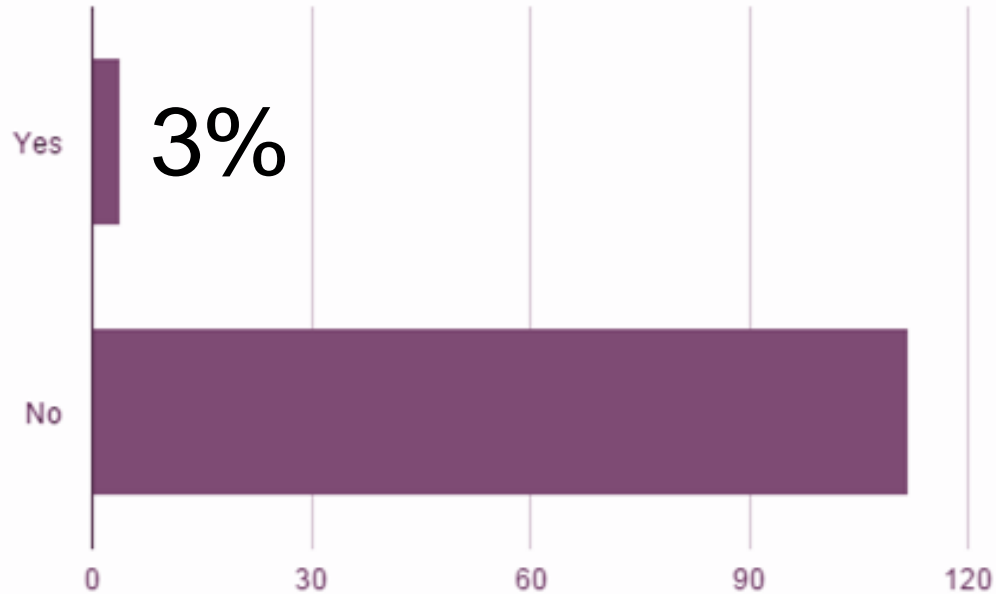
Used Advanced Search (Boolean)



Narrowed Search by Subject Heading



Limited by Language or Geography

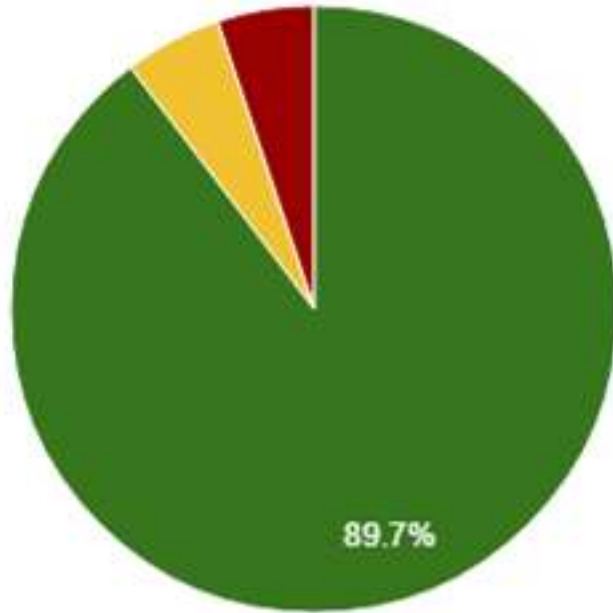


Does explicit instruction influence students' likelihood of using RVOneSearch limiters?

Yes!

Peer Reviewed & Date Limiter

Misuse of quotes



● None
● Once
● More than once

For example...

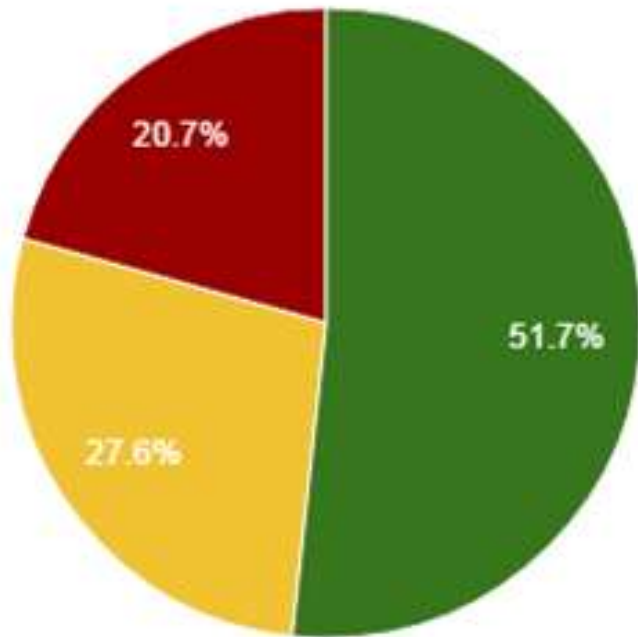
“student debt” and “solution”

“getting rid”

“is college for everyone”

“technology and society”

Misuse of phrases



- None
- One phrase
- More than 1 phrase

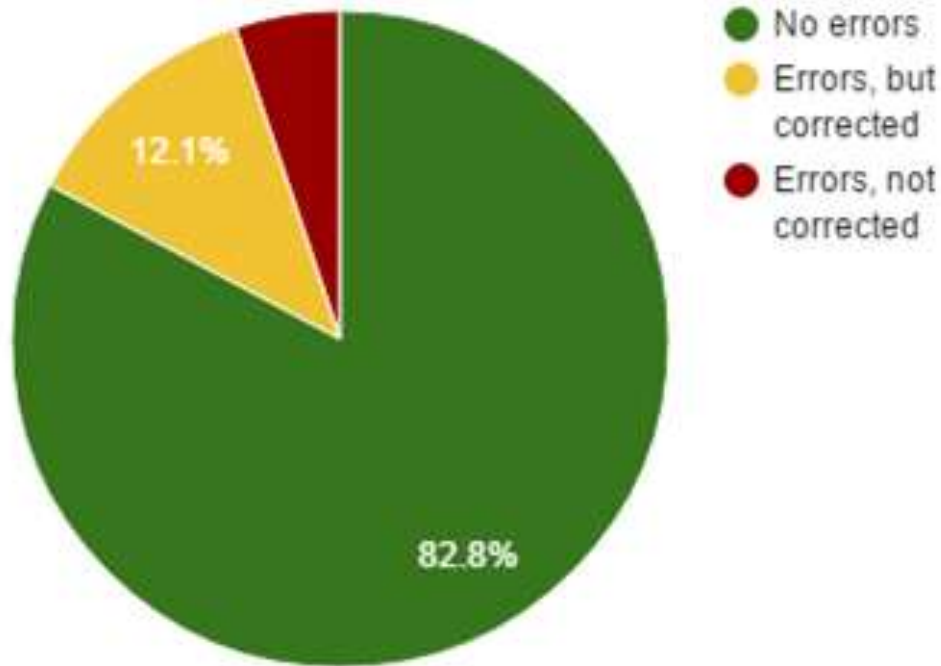
For example...

body image and different
cultural women

history in jobs

effects of television on
attention

Spelling errors



For example...

beauty and pre pressure

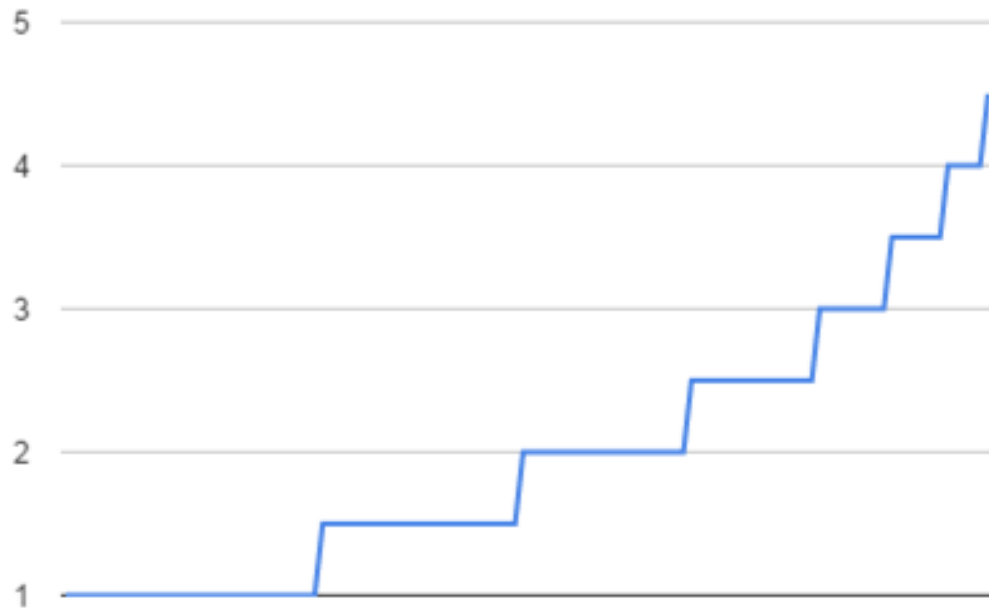
America dream

cooperate racism

Poor keyword choices

1 = all good keywords

5 = several poor keywords



Mean: 1.96

Mode: 1

For example...

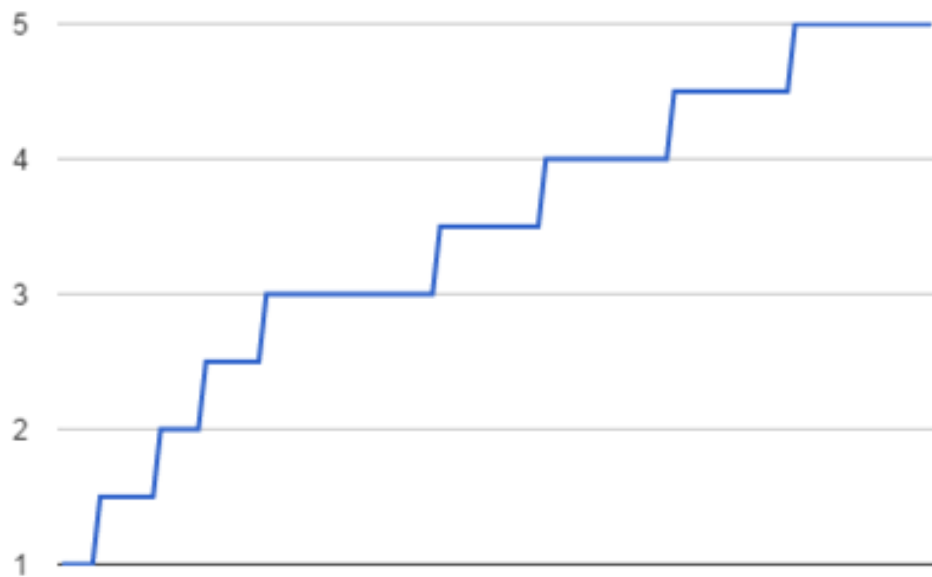
picky eaters and
children

television and dumb and
reality

Lack of variance in keywords

1 = good variance

5 = no variance



Mean: 3.5

Mode: 3

For example...

tv and intelligence
televisionand intelligence
television and intelligence
television and learning (2x)
television
television and education
(2x) - *over 567,000 results*

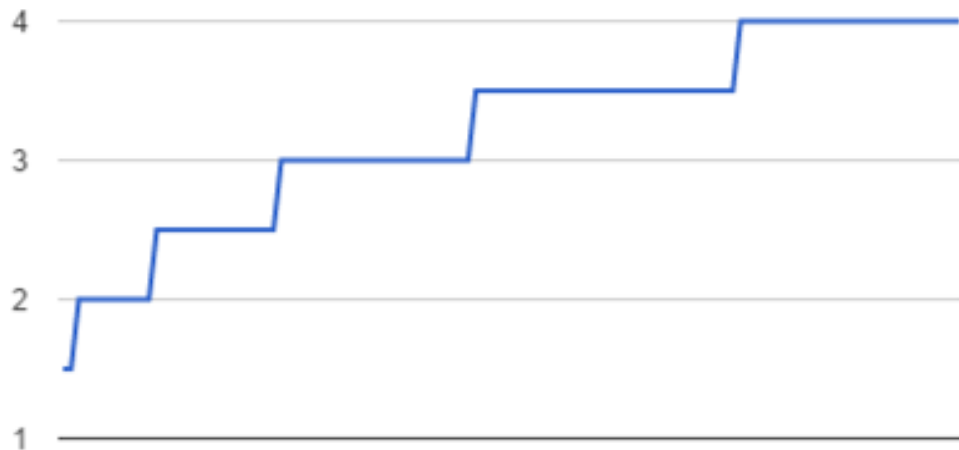
Demonstrated search improvement

**1 = Good search from start
improvement**

2 = Significant

3 = Slight improvement

4 = No improvement



Mean: 3.22

Mode: 3.5 (slight to none)

For example...

concussions in children playing football
children and concussions with football
children and football related concussions
youth football concussions

(possibly had a librarian's help with last search)

How effectively do students use keywords in RVOneSearch after receiving instruction on keywording?

Individual keywords may be good but general search strategies are not.

Limitations

Objective transaction analysis

Small pool from two librarians' instruction sessions; librarians assisted during research

Does not consider student satisfaction with results