

Science 311: A bibliometric study ... in progress

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Research Morning, Feb 9/07
Nickle Arts Museum

Background

Has the Web changed the nature of students' references?

■ Davis & Cohen (2001), Davis (2002, 2003)

	1996-1999	2000	2001
Scholarly resources	Books ↓	--	Books, journals – 1996 levels ↑
Web, newspapers	↑	--	↓
Average # resources	-- (11.3-11.9)	-- (13)	↑ (14.4)

Background

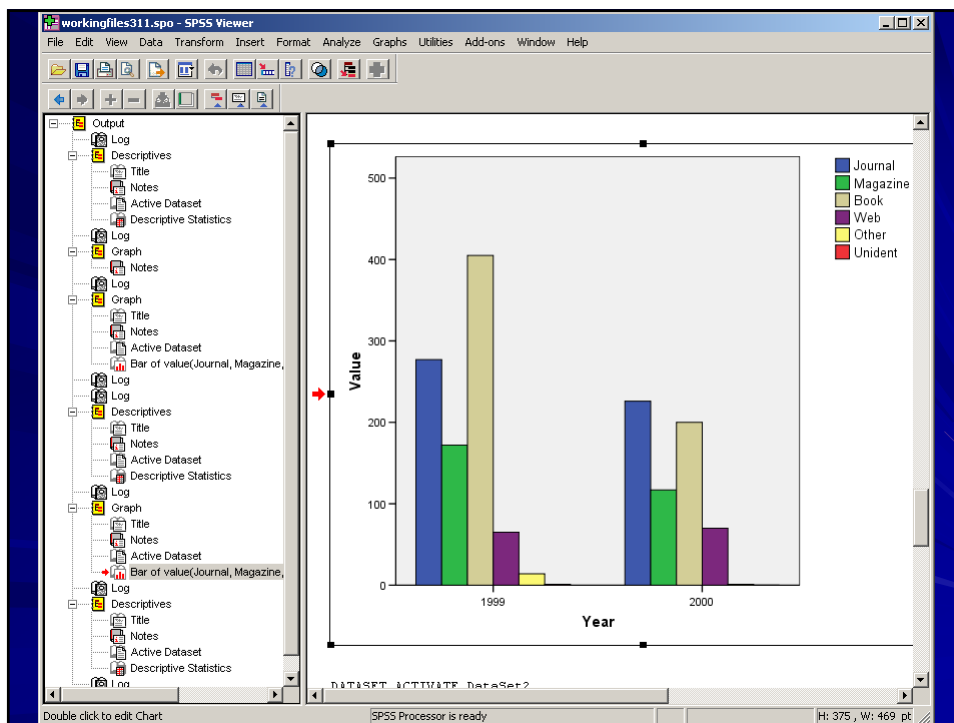
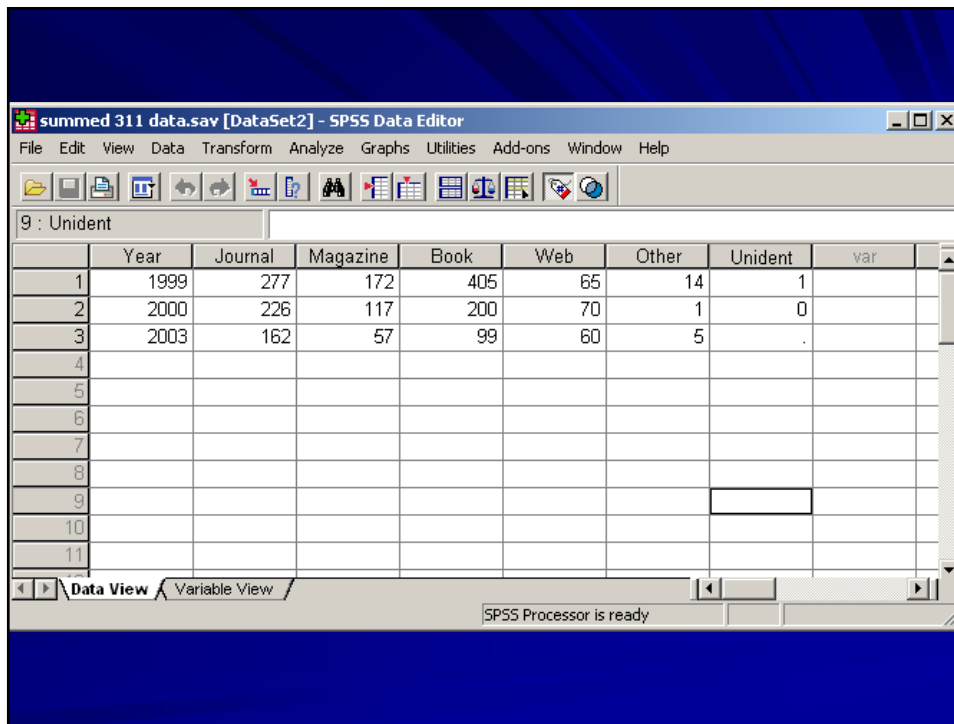
- Robinson & Schlegl (2004)
- SCIE 311 papers
- Our bibliometric study ... in progress

(Challenges)

- (collaboration – “the research ‘team’” ☺)

	Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure
1	student	Numeric	8	0	Student	None	None	8	Right	Scale
2	cite1	Numeric	15	0	Type of Citatio	{1, Journal}...	None	10	Right	Nominal
3	cite2	Numeric	15	0	Type of Citatio	{1, Journal}...	None	10	Right	Nominal
4	cite3	Numeric	15	0	Type of Citatio	{1, Journal}...	None	10	Right	Nominal
5	cite4	Numeric	15	0	Type of Citatio	{1, Journal}...	None	10	Right	Nominal
6	cite5	Numeric	15	0	Type of Citatio	{1, Journal}...	None	10	Right	Nominal
7	cite6	Numeric	15	0	Type of Citatio	{1, Journal}...	None	10	Right	Nominal
8	cite7	Numeric	15	0	Type of Citatio	{1, Journal}...	None	10	Right	Nominal
9	cite8	Numeric	15	0	Type of Citatio	{1, Journal}...	None	10	Right	Nominal
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11	cite10	Numeric	15	0	Type of Citatio	{1, Journal}...	None	10	Right	Nominal
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21	cite20	Numeric	15	0	Type of Citatio	{1, Journal}...	None	10	Right	Nominal
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33	cite32	Numeric	15	0	Type of Citatio	{1, Journal}...	None	10	Right	Nominal
34	year	Numeric	8	0	Year	{1, 1999}...	None	8	Right	Scale
35	term	Numeric	8	0	Term	{1, Winter}...	None	8	Right	Nominal
36	papernum	Numeric	8	0	Paper Number	None	None	8	Right	Scale
37	Journal	Numeric	8	0	Journal	None	None	10	Right	Scale

1	student	cite1	cite2	cite3	cite4	cite5	cite6	cite7	cite8	cite9
1	1	Journal	Journal	Book	Journal	Journal	Journal	Journal	Journal	Book
2	2	Magazine	Web	Book	Journal	Journal	Magazine	Web	Journal	.
3	3	Journal	Journal	Journal	Journal	.	.	.	.	.
4	4	Book	Book	Journal	Magazine	Magazine	Book	Journal	Journal	Journal
5	5	Magazine	Magazine	Magazine	Journal	Book	Magazine	Magazine	Magazine	Web
6	6	Book	Book	Journal	Journal	Web	.	.	.	.
7	7	Magazine	Web	Web	Web	Book	.	.	.	.
8	8	Magazine	Journal	Journal	Book	Journal	Book	Web	Book	Book
9	9	Web	Web	Web	.	.	.	.	.	.
10	10	Journal	Book	Journal	Journal	Book	.	.	.	.
11	11	Journal	Journal	Journal	Journal	Web	Web	Journal	Web	Magazine
12	12	Book	Book	Book	Book	Book	Book	Book	Web	Web
13	13	Book	Journal	Journal	Journal	Magazine	Other	Journal	.	.
14	14	Magazine	Book	Magazine	Journal	Journal	Magazine	Magazine	Magazine	Book
15	15	Book	Book	Journal	Book	Journal	Journal	.	.	.
16	16	Magazine	Journal	Book	.	.	.	.	.	.
17	17	Journal	Book	Web	Journal	Journal	Book	Journal	Web	.
18	18	Journal	Web	Web	Web	Journal	Journal	Magazine	.	.
19	19	Web	Magazine	Journal	Journal	Book	Book	Journal	Journal	Book
20	20	Web	Other	Web	Web	Book	Magazine	Book	Web	.
21	21	Magazine	Journal	Magazine	Book	Magazine	Journal	Journal	Journal	Web
22	22	Web	Journal	Book	Journal	Book	Book	Web	Book	Web
23	23	Web	Other	Web	Web	Book	Magazine	Book	Web	.
24	24	Magazine	Magazine	Journal	Book	Book	Journal	.	.	.
25	25	Book	Magazine	Journal	Journal	Magazine	Journal	Journal	Magazine	Magazine
26	26	Magazine	Journal	Magazine	Magazine	Magazine	Magazine	.	.	.
27	27	Journal	Magazine	Magazine	Journal	Web	Journal	Journal	Journal	Journal
28	28	Book	Journal	Book	Book	Book	Journal	Journal	Journal	Journal
29	29	Book	Journal	Journal	Book	Book	Journal	Book	Journal	Journal
30	30	Journal	Book	Web	Journal	Journal	Book	Journal	Journal	.
31	31	Journal	Web	Journal	Web	Web	.	.	.	.
32	32	Magazine	Journal	Journal	Journal	Journal	Magazine	Journal	Journal	Journal
33	33	Web	Journal	Journal	Book	Web	Web	Journal	Book	.
34	34	Book	Book	Journal	Book	Journal	Magazine	Journal	Book	Book
35	35	Book	Book	Web	Web	Web	Web	Journal	Journal	.
36	36	Web	Journal	Journal	Journal	Journal	Book	Journal	Journal	Journal



Where We Are At ...

- More data collection
 - Robinson & Schlegl's [form](#)
- Ethics – on the [syllabus](#)

Next Steps

References

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