Citation searching

Bibliometrics and altmetrics: clues to quality?
Importance of citations in academia

• A way of tracking academic impact
• Used in rankings such as Times World rankings
• Increasingly used in REF
• How am I doing? H index?
Issues with citation counts

- Varies a lot between disciplines
- Varies according to level of researcher
- Academic careers and amount of research time vary
- Not a guaranteed measure of quality
Using the reference list from an article

- Trace the development of an idea back in time
Cited Reference Searching

Trace the development of an idea into the future
Where can you do Cited Ref Searching?

- Web of Knowledge / Web of Science
- Scopus
- Google Scholar
Taking human error into account
First database to collect citations

http://wok.mimas.ac.uk
Quick Cited Ref Search #2: **Scopus**

- Citation count in Scopus + View articles
- NB Not so good for Humanities (Gill article not listed)
Quick Cited Ref Search #3: Google Scholar

• [http://scholar.google.co.uk/](http://scholar.google.co.uk/)
• Pros: easy to use
• more results?
• Cons:
• What is it searching?
• Not so easy to save results
Exercise
Altmetrics

“We now think of altmetrics as indicators of engagement and attention”

Sources include

- Mendeley
- CiteULike
- Twitter
- Facebook
- Wikipedia
- Blogs
- Media

• Sources are ranked – newspaper article counts more than a blog post which counts more than a tweet.
• Most articles still score 0 and things published before July 2011 won’t have an accurate score.
Altmetrics
The data shown below were collected from the profiles of 17 tweeters who shared this research output. Click here to find out more about how this information was compiled.

### Geographical breakdown

<table>
<thead>
<tr>
<th>Country</th>
<th>Count</th>
<th>As %</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States</td>
<td>3</td>
<td>18%</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>3</td>
<td>18%</td>
</tr>
</tbody>
</table>

### Demographic breakdown

<table>
<thead>
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<th>Type</th>
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</thead>
<tbody>
<tr>
<td>Members of the public</td>
<td></td>
</tr>
<tr>
<td>Practitioners (doctors, other healthcare professionals)</td>
<td></td>
</tr>
</tbody>
</table>
Breastfeeding and personality: an interview with Dr Amy Brown
The Medical News, 25 Sep 2013
In the UK we've got quite a problem with breastfeeding. The government recommends that all women should breastfeed.

Shy women ‘less likely to breastfeed’
IOL, 04 Sep 2013
A new study is thought to be the first to look at the link between a woman’s personality and breastfeeding.

Personlighet avgjør om du ammer
forskning.no, 14 Aug 2013
Utadvente mødre ammer oftere, og fortsetter med det lengre enn mer innadvendte. Helsepersonell bør bruke personlighet.

A new mother’s personality may affect her decision to breastfeed
Medical News Today, 08 Aug 2013
A new analysis has found that mothers who are more extroverted and less anxious are more likely to breastfeed and to continue.

News story from Daily Mail on Thursday 08 August 2013
Daily Mail, 08 Aug 2013
Introverts were found to be self-conscious about feeding their babies and were therefore more likely to turn to alternative methods.

Mom’s Personality Influences Breastfeeding Decisions
Psych Central, 07 Aug 2013
New research suggests a mother’s personality is a key factor in determining if she breastfeeds and how long she maintains it.
WOS and Scopus metrics

**Times Cited:** 313
(from Web of Science Core Collection)

**Highly Cited Paper**

**Usage Count**
- Last 180 Days: 37
- Since 2013: 147

**Metrics**
- 6 Citations
- 32.06 Field-Weighted Citation Impact
- 1 Mendeley Reader
- 2 Blog posts
- 26 Tweets
- 15 Mass Media stories
- 1 Post on Facebook

*Select data provided by altmetric.com*