# Table 1

|  |  |  |
| --- | --- | --- |
| **API** | **data on articles** | **event-level data?** |
| Delicious | bookmarks (includes author, timestamp, tags) | yes |
| Wikipedia | counts of links out to articles | counts only |
| Mendeley | counts of users bookmarking articles (includes location, discipline of users) | counts only |
| Facebook | counts of clicks, likes, shares, and comments | counts only |
| Twitter via BackTweets \* | linking tweets (includes author, timestamp, text) | yes |
| CiteULike via [PLoS](http://article-level-metrics.plos.org/) ALM | saves into reference library (includes author, timestamp, tags) | yes |
| Nature Blogs via [PLoS ALM](http://article-level-metrics.plos.org/) \* | linking blog posts (incl. timestamp, author, url) | yes |
| Postgenomic blogs via [PLoS ALM](http://article-level-metrics.plos.org/) \* | linking blog posts (incl. timestamp, author, url) | yes |
| Research Blogging blogs via [PLoS ALM](http://article-level-metrics.plos.org/) | linking blog posts (incl. timestamp, author, url) | yes |
| Scopus citations via [PLoS ALM](http://article-level-metrics.plos.org/) | counts of citations | counts only |
| CrossRef citations via [PLoS ALM](http://article-level-metrics.plos.org/) | articles citing (includes bibliographic information) | yes |
| PubMed Central citations via [PLoS ALM](http://article-level-metrics.plos.org/) | counts of citations (includes PubMed IDs) | counts only |
| Monthly pdf, html, and xml views/downloads via [PLoS ALM](http://article-level-metrics.plos.org/) | counts of pageviews and downloads, by month | counts only |
| PLoS comments count | comments on articles (incl. timestamp, author) | yes |
| Web of Science citations | articles citing (includes bibliographic information) | yes |
| Faculty of 1000 rankings | numerical ratings | counts only |

Table 1: Citation and altmetrics data collected for this study. An (\*) denotes metrics no longer available. For information on access methods and rate limits, see supplemental materials.

# Table S1:

|  |  |  |
| --- | --- | --- |
| **API** | **method** | **Availability (free, or limits)** |
| Delicious | [feeds: url](http://www.delicious.com/help/rss) | ["reasonable"](http://developer.yahoo.com/delicious/) |
| Wikipedia | [exturlusage](http://www.mediawiki.org/wiki/API:Query_-_Lists#exturlusage_.2F_eu) | none encountered |
| Mendeley | [documents/details](http://dev.mendeley.com/docs/public-resources/search-details) | 500/hr |
| Facebook | [links.getStats](http://developers.facebook.com/docs/reference/rest/links.getstats/) | none encountered |
| Twitter via BackTweets \* | [search](http://backtweets.com/api) | 1000/day |
| CiteULike via [PLoS ALM](http://article-level-metrics.plos.org/) | [ALM XML](http://alm.plos.org/articles/info%3Adoi%2F10.1371%2Fjournal.pone.0012650.xml?citations=1) | none encountered |
| Nature Blogs via [PLoS ALM](http://article-level-metrics.plos.org/) \* | [ALM XML](http://alm.plos.org/articles/info%3Adoi%2F10.1371%2Fjournal.pone.0012650.xml?citations=1) | none encountered |
| Postgenomic blogs via [PLoS ALM](http://article-level-metrics.plos.org/) \* | [ALM XML](http://alm.plos.org/articles/info%3Adoi%2F10.1371%2Fjournal.pone.0012650.xml?citations=1) | none encountered |
| Research Blogging blogs via [PLoS ALM](http://article-level-metrics.plos.org/) | [ALM XML](http://alm.plos.org/articles/info%3Adoi%2F10.1371%2Fjournal.pone.0012650.xml?citations=1) | none encountered |
| Scopus citations via [PLoS ALM](http://article-level-metrics.plos.org/) | [ALM XML](http://alm.plos.org/articles/info%3Adoi%2F10.1371%2Fjournal.pone.0012650.xml?citations=1) | none encountered |
| CrossRef citations via [PLoS ALM](http://article-level-metrics.plos.org/) | [ALM XML](http://alm.plos.org/articles/info%3Adoi%2F10.1371%2Fjournal.pone.0012650.xml?citations=1) | none encountered |
| PubMed Central citations via [PLoS ALM](http://article-level-metrics.plos.org/) | [ALM XML](http://alm.plos.org/articles/info%3Adoi%2F10.1371%2Fjournal.pone.0012650.xml?citations=1) | none encountered |
| monthly pdf, html, and xml views/downloads via [PLoS ALM](http://article-level-metrics.plos.org/) | [ALM XML](http://alm.plos.org/articles/info%3Adoi%2F10.1371%2Fjournal.pone.0012650.xml?citations=1) | none encountered |
| PLoS comments count | [custom html scraper](https://github.com/jasonpriem/plos_altmetrics_study/tree/master/crawler) | none |
| Web of Science citations | manual download using institutional subscription. | subscription required |
| Faculty of 1000 rankings | custom dataset donated by F1000 | subscription required |

Table S1: Methods and rate limits for citation and altmetrics data collected for this study. An (\*) denotes metrics no longer available.