Summary of attributes from the literature review

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There were 60 studies included in this stage of the literature review. They examined 77 attributes.

# Frequencies by category

The table below shows the number of attributes mentioned in each category.

| **group** | **n** |
| --- | --- |
| Journal | 130 |
| Impact | 109 |
| Paper characteristics | 21 |
| Authors | 20 |
| Other | 5 |
| Activity | 2 |

# Frequencies by attribute

The table below shows the top ten attributes.

| **attribute** | **n** |
| --- | --- |
| Journal impact factor | 36 |
| Paper's citations | 21 |
| Other Journal metrics: eigenfactor, half-life, immediacy index, journal h-index, article influence score | 12 |
| Journal prestige | 10 |
| Social media discussion about the paper, including Twitter, Facebook | 9 |
| Journal ranking, including SCImago | 8 |
| Paper's Altmetric score (also Plum Analytics and Impact Story) | 8 |
| Speed of decisions | 8 |
| Paper is used in policy or practice | 7 |
| Readership | 7 |

There were 7 attributes that were never mentioned, these were:

* Difficulty of journal submission processes
* Journal read (I read)
* Merit pay (promotion dependent on paper counts)
* Number of citations per year in the Social Science Citation Index (SSCI)
* Paper has an accompanying editorial
* Paper with co-authors who are traditionally under-represented in science
* Time between acceptance and appearance in print or online

# Frequencies by paper

| **min** | **q1** | **median** | **q3** | **max** |
| --- | --- | --- | --- | --- |
| 0 | 2 | 4 | 6 | 15 |

The table shows summary statistics on the number of attributes mentioned per paper. There were 9 papers with no attributes.

# Tile plot

Below is a tile plot showing the attributes mentioned by each paper. The results are grouped by the six categories.

