

Open Access advantage?

An altmetric analysis of Finnish research publications

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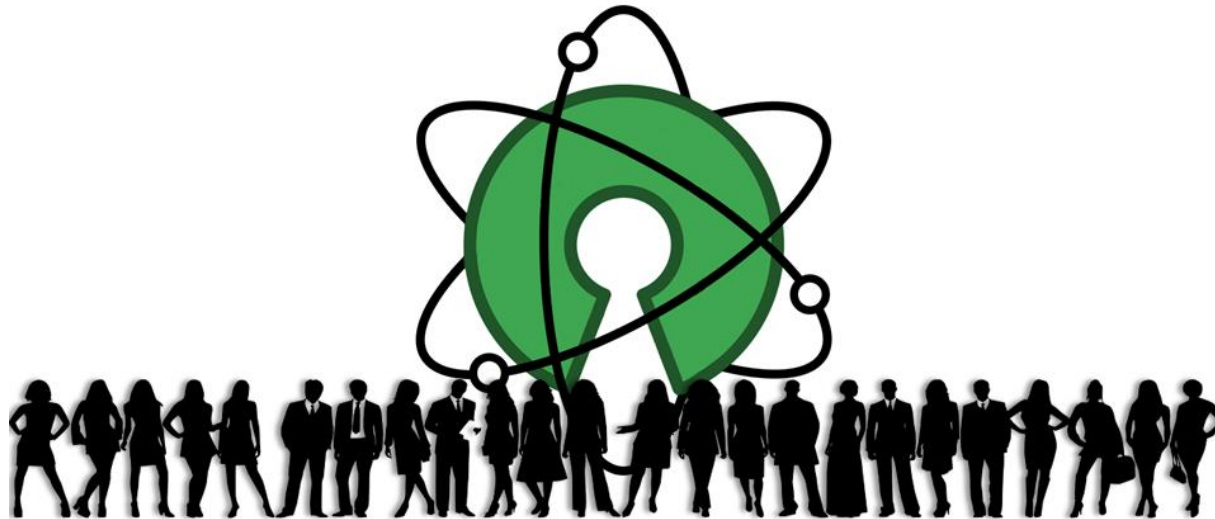
(w3) <http://kimholmberg.fi>

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Research project:
**Measuring the societal impact
of open science**

Project is financed by the
Finnish Ministry of Education and Culture's
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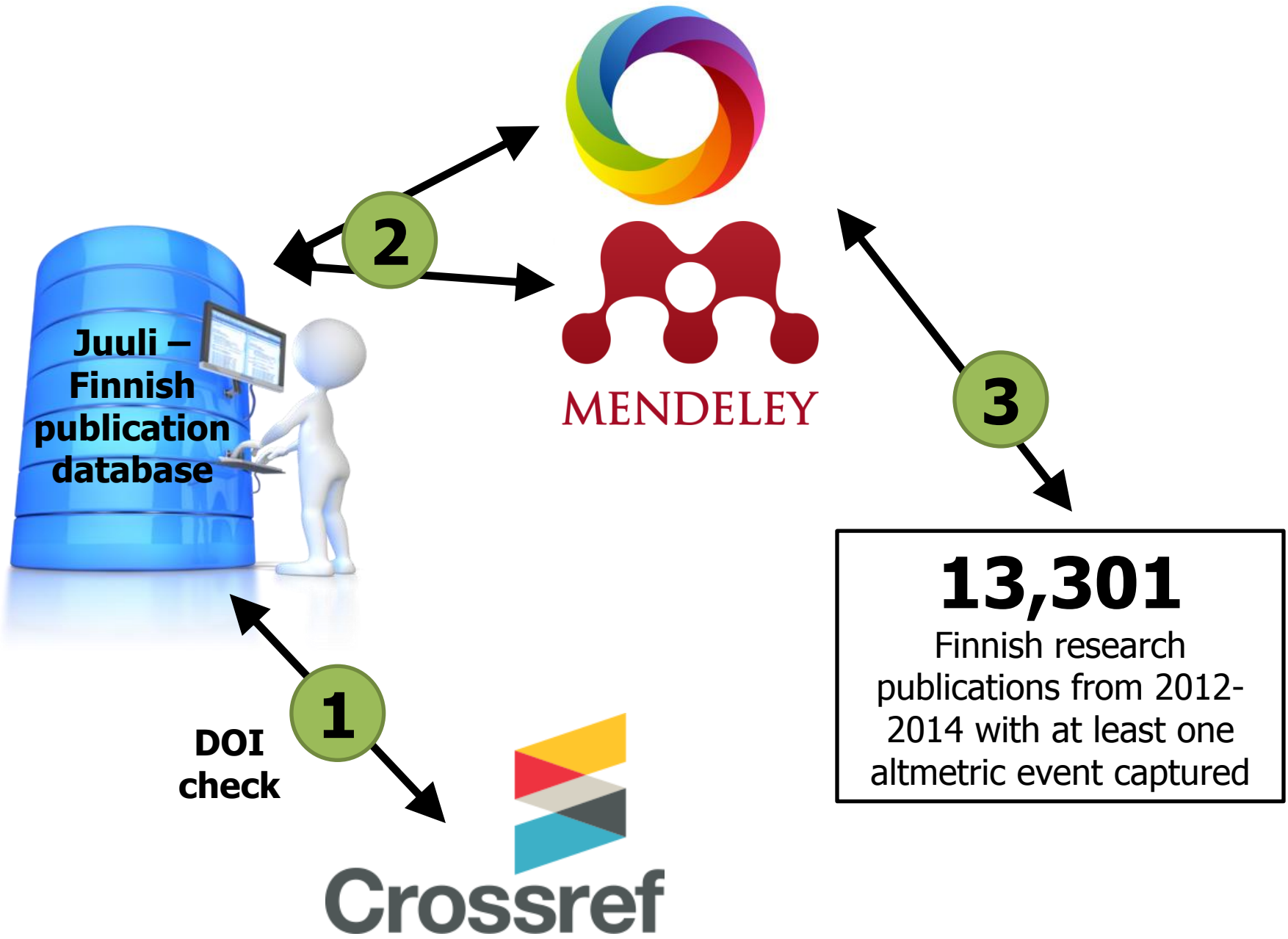


MEASURING THE SOCIETAL IMPACT OF OPEN SCIENCE



Research in progress:

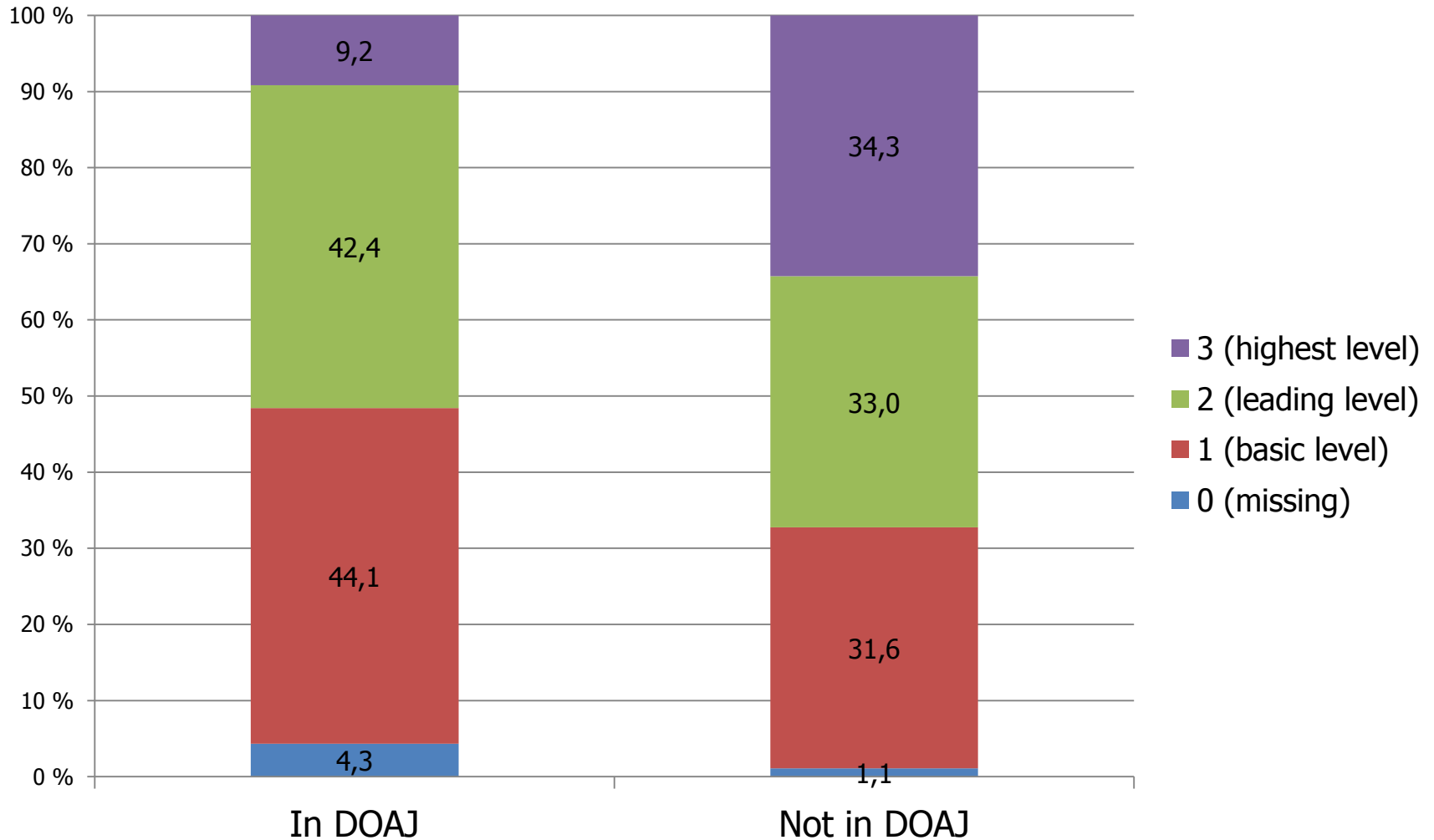
Investigation of the open access advantage of the altmetrics of Finnish research publications and disciplinary differences in that advantage.



Distribution of analyzed publications by universities

| | Publications (% of total) |
|---------------------------------------|---------------------------|
| University of Helsinki | 30.6 |
| University of Turku | 13.0 |
| University of Eastern Finland | 9.1 |
| Aalto University | 8.5 |
| University of Oulu | 8.2 |
| University of Jyväskylä | 7.9 |
| University of Tampere | 6.9 |
| Tampere University of Technology | 5.2 |
| Åbo Akademi University | 3.8 |
| Lappeenranta University of Technology | 2.3 |
| University of Lapland | 1.7 |
| University of Vaasa | 1.2 |
| Hanken Swedish School of Economics | 0.8 |
| University of Arts | 0.5 |
| | 100.0 |

Distribution of publications by Publication Forum level



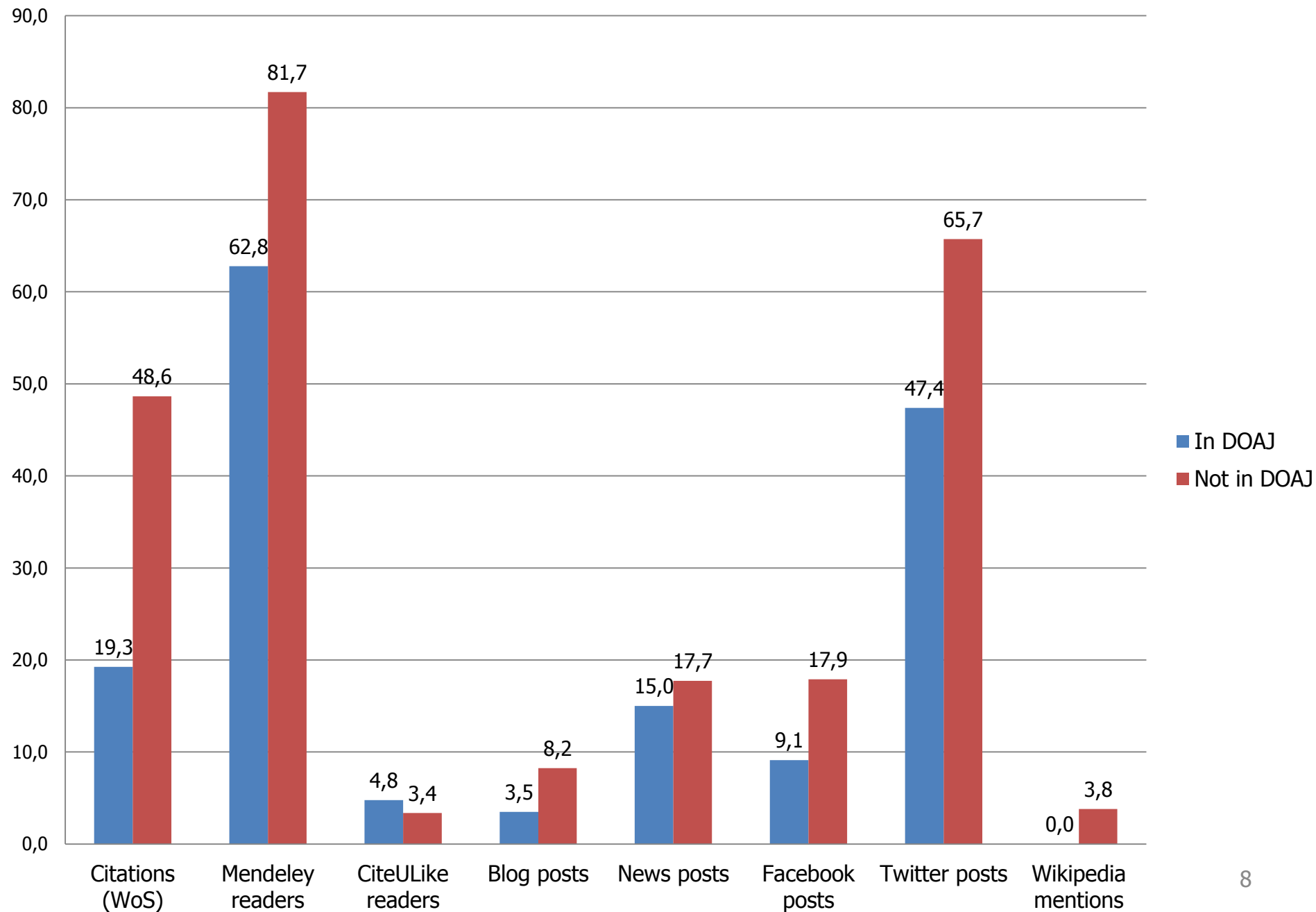
Investigating OA advantage by comparing the average number of mentions in the 90th percentile according to platform and by OECD main category.

Four categories:

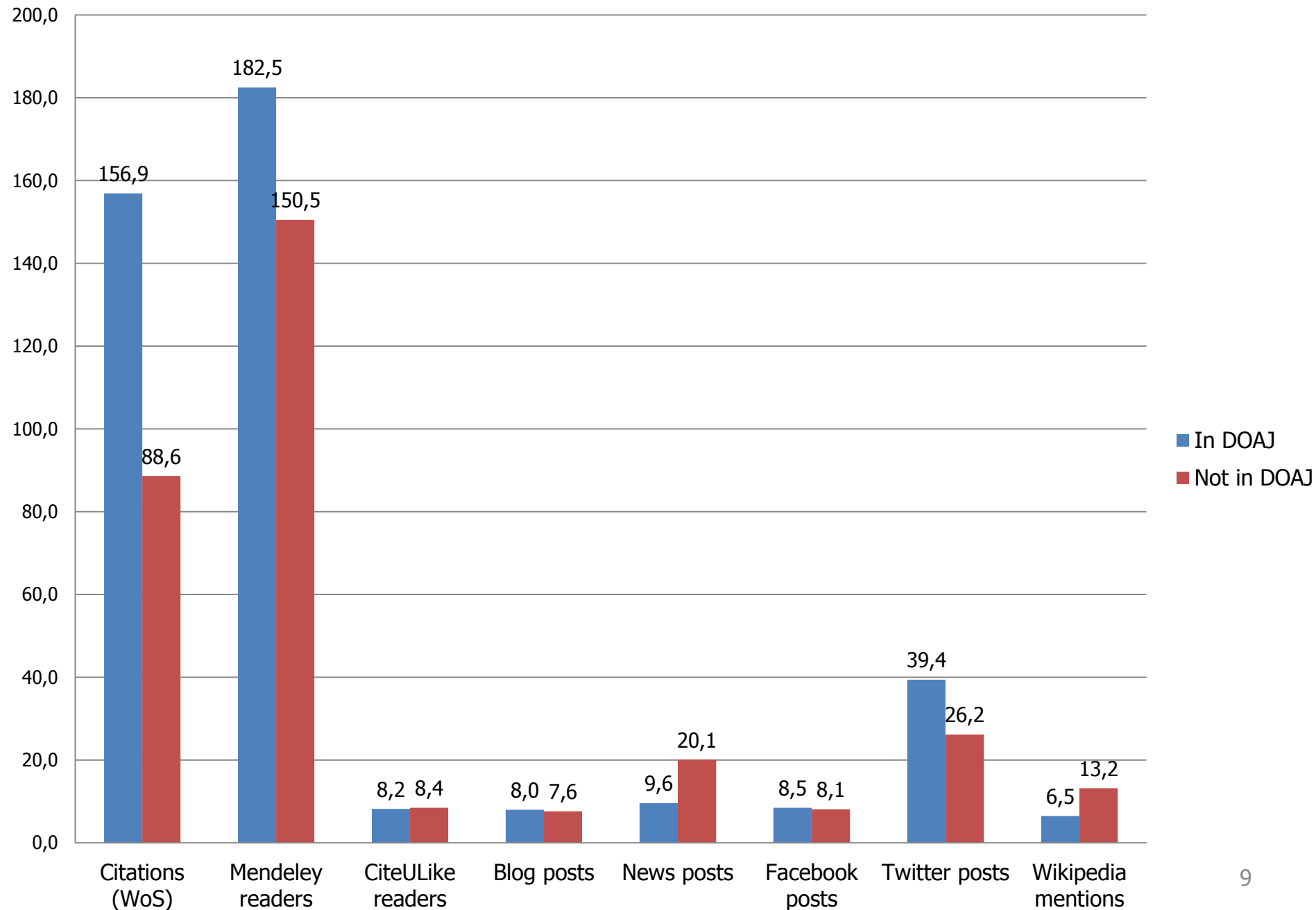
- Medical and health sciences
- Natural sciences
- Agricultural sciences, engineering and technology
- Social sciences and humanities



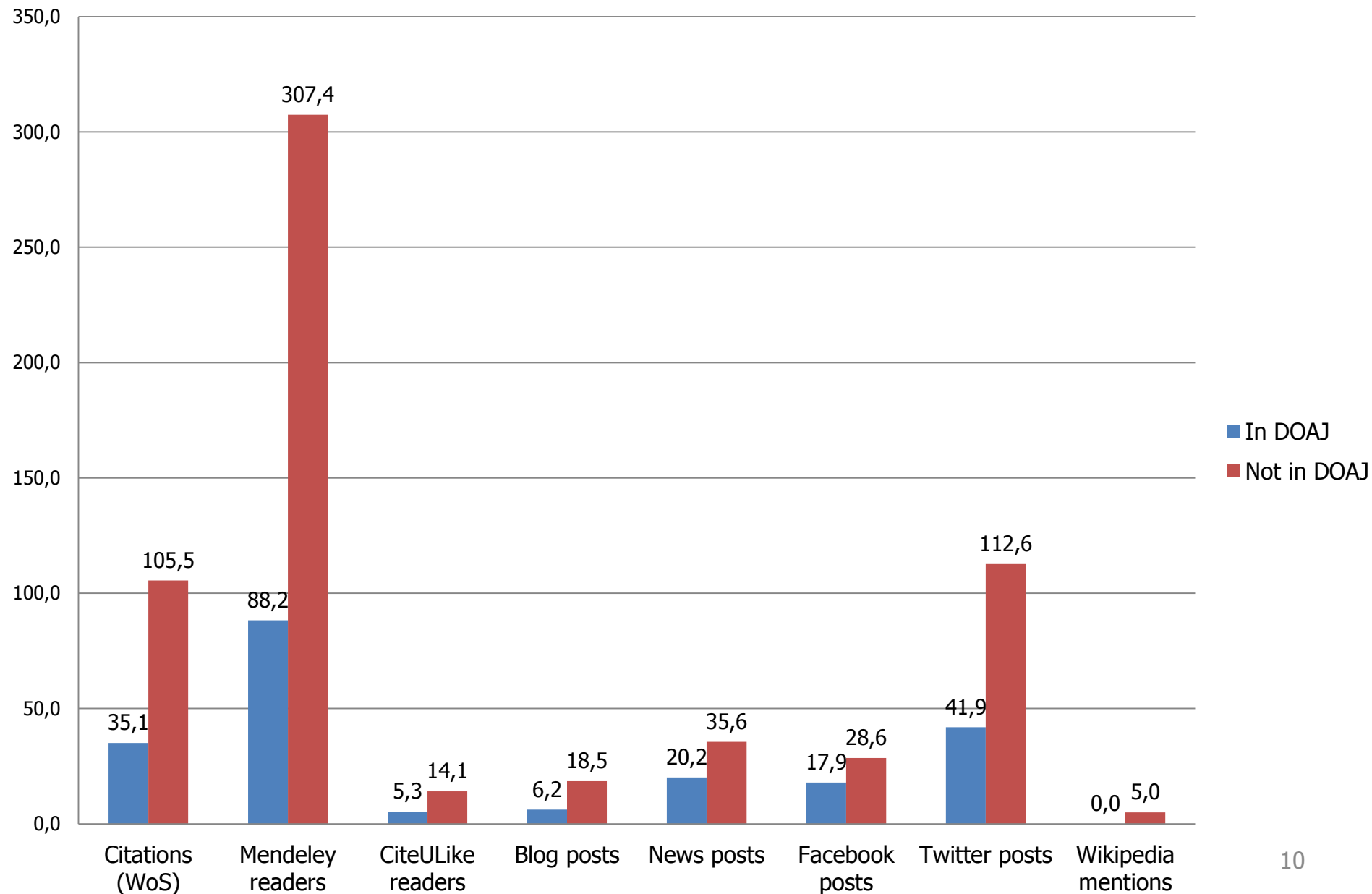
MEDICAL AND HEALTH SCIENCES



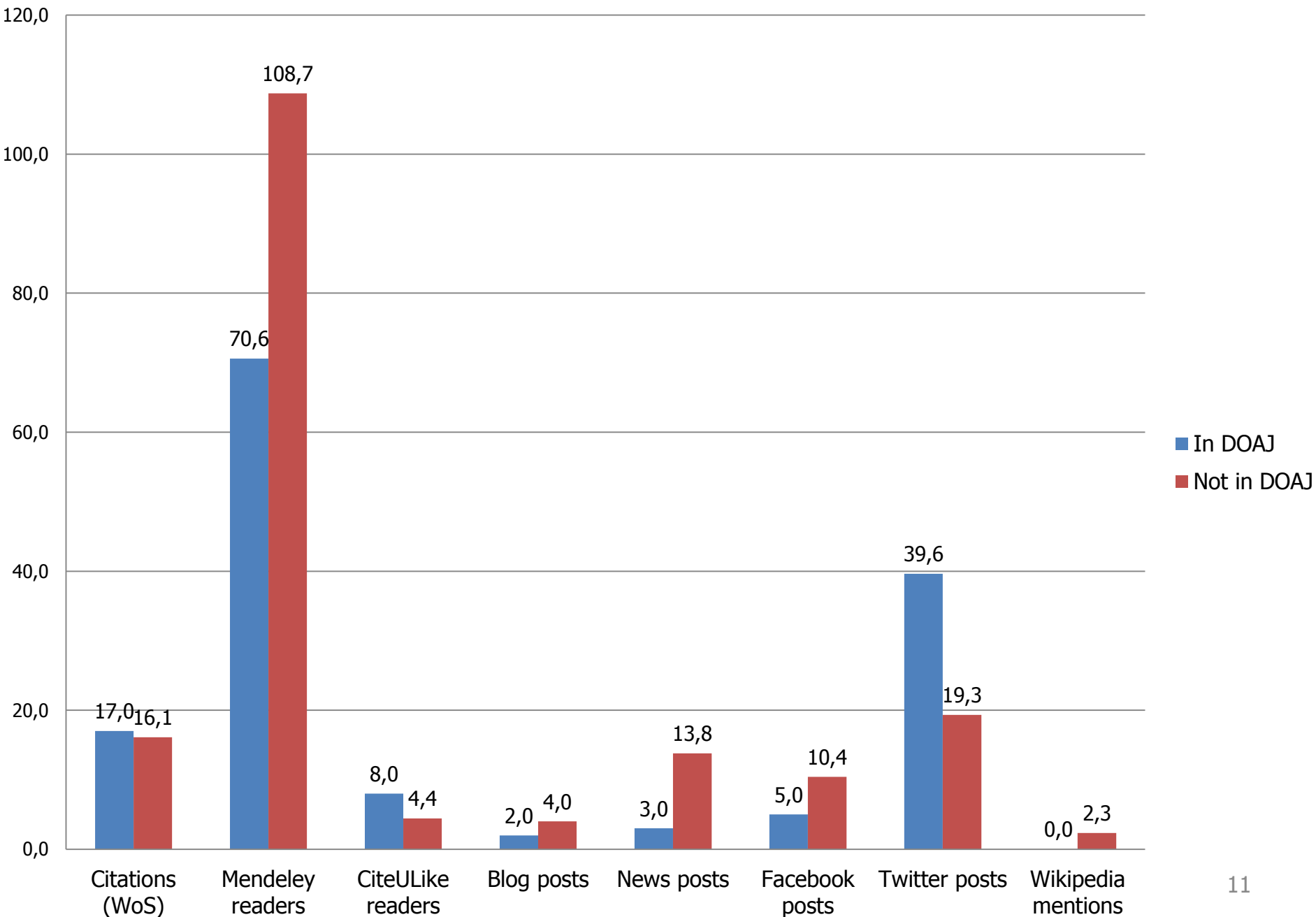
NATURAL SCIENCES



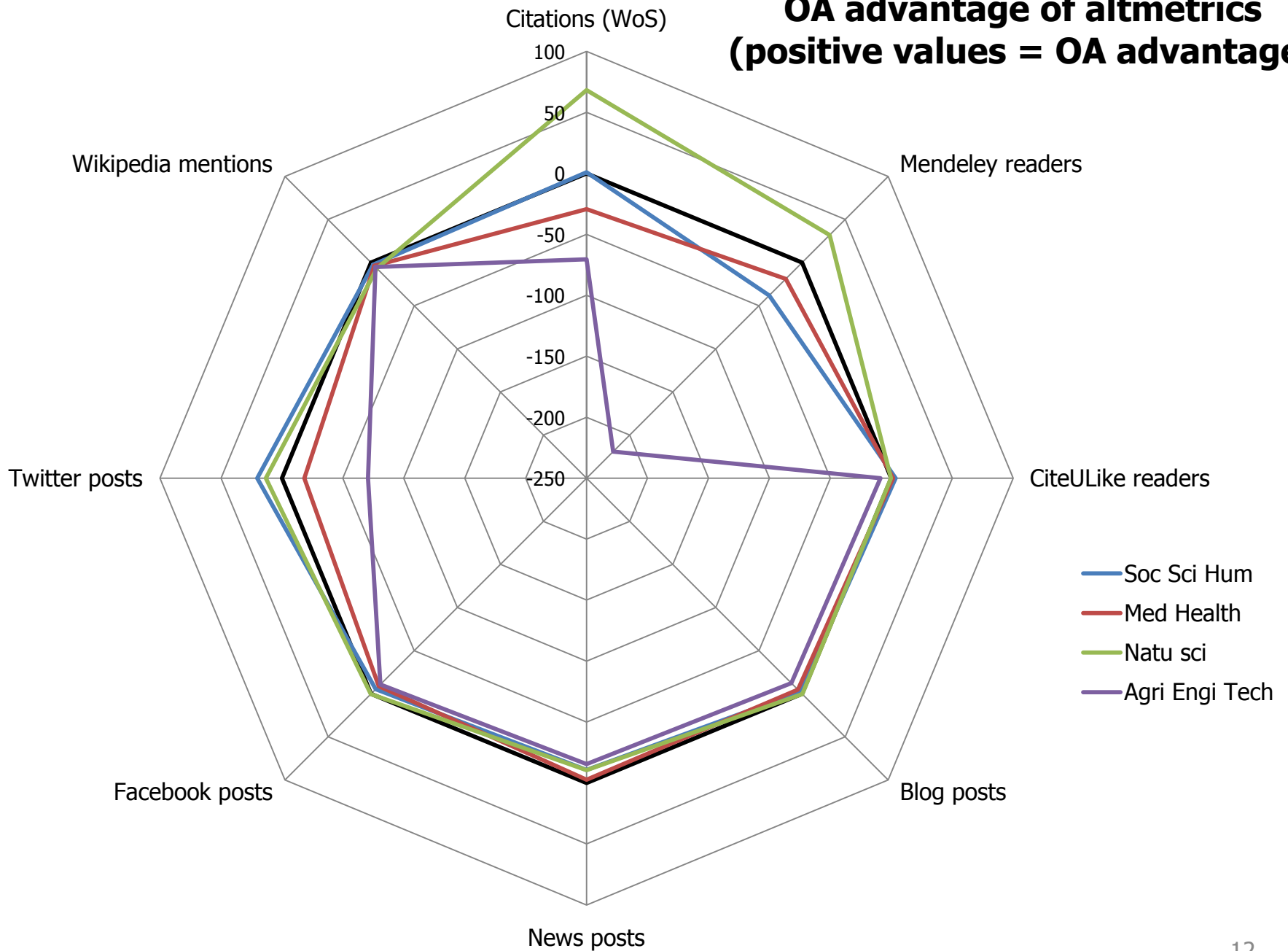
AGRICULTURAL SCIENCES, ENGINEERING AND TECHNOLOGY



SOCIAL SCIENCES AND HUMANITIES



OA advantage of altmetrics (positive values = OA advantage)



The results show great disciplinary differences in the accumulated altmetric events of Finnish research publications, with Twitter and Mendeley being most prominent sources of altmetrics overall and demonstrating the greatest fluctuations.





Future research will include a control group of randomly selected international publications.



Tak for er
opmærksomhed!

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