

Table 14.1 SciVal Metrics

Snowball metrics in bold



Metric	Productivity	Citation Impact	Collaboration	Disciplinary	Snowball	Power
Scholarly Output	X				X	X
Journal Count				X		X
Journal Category Count				X		X
Citation Count		X			X	X
Cited Publications		X				X
Citations per Publication		X			X	
Number of Citing Countries		X				X
Field Weighted Citation Impact		X			X	
Collaboration/total or percent Collaboration Impact (Cites per publication)			X		X	Total
Academic-Corporate Collaboration (total/percent) Academic-Corporate Collaboration Impact				X	X	Total
Outputs in Top Percentiles		X			X	Total
Publications in Top Journal Percentiles		X				Total
h-indices	X	X			X (h only)	X

Power metrics are size dependent

Notes

Benchmarking like entities based on publications

Comparing smaller\ entities

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Benchmark visibility of entities of similar size and discipline

Compare the influence of publications of entities of different sizes, but in related disciplines,

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Benchmark the geographical visibility of the publication portfolios of related entities,

Benchmark entities regardless of differences

Benchmark the collaboration of entities of different sizes, but in similar disciplines -use % for difference sizes

Benchmark the influence of an entity's publications by types of geographical collaboration

Showcase extensive collaboration between academia and industry

Demonstrate any benefit from establishing and maintaining academic-corporate collaborations

Benchmark the contributions towards the most influential, highly cited publications in the world in same disciplines

Showcase the presence of publications in journals that are perceived as the most prestigious in the world

Benchmark activity that balances productivity and citation impact

Metric

Scholarly Output

Journal Count

Journal Category Count

Citation Count

Cited Publications

Citations per Publication

Number of citing countries

Field Weighted Citation impact

Collaboration/total or percent

Collaboration Impact
(Cites per publication)

Academic-Corporate
Collaboration

(total/percent)

Academic-Corporate
Collaboration Impact

Outputs in Top
Percentiles

Publications in Top

Journal Percentiles

h-indices