

Connecting the dots

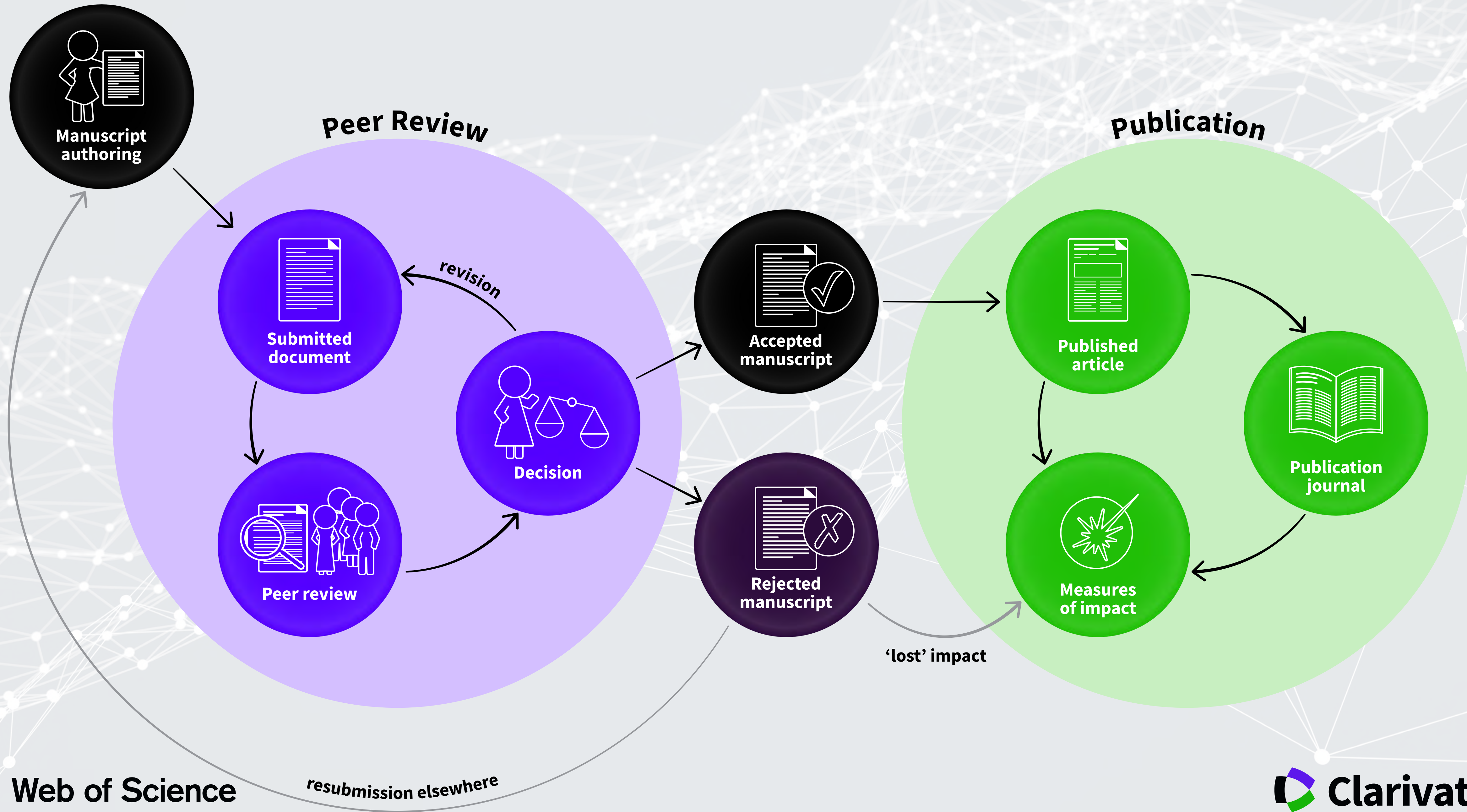
from submission to decision, the fate of scholarly papers

Ian Potter
Frankfurt Book Fair 2017

11 October 2017

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Analytics



Some assumptions

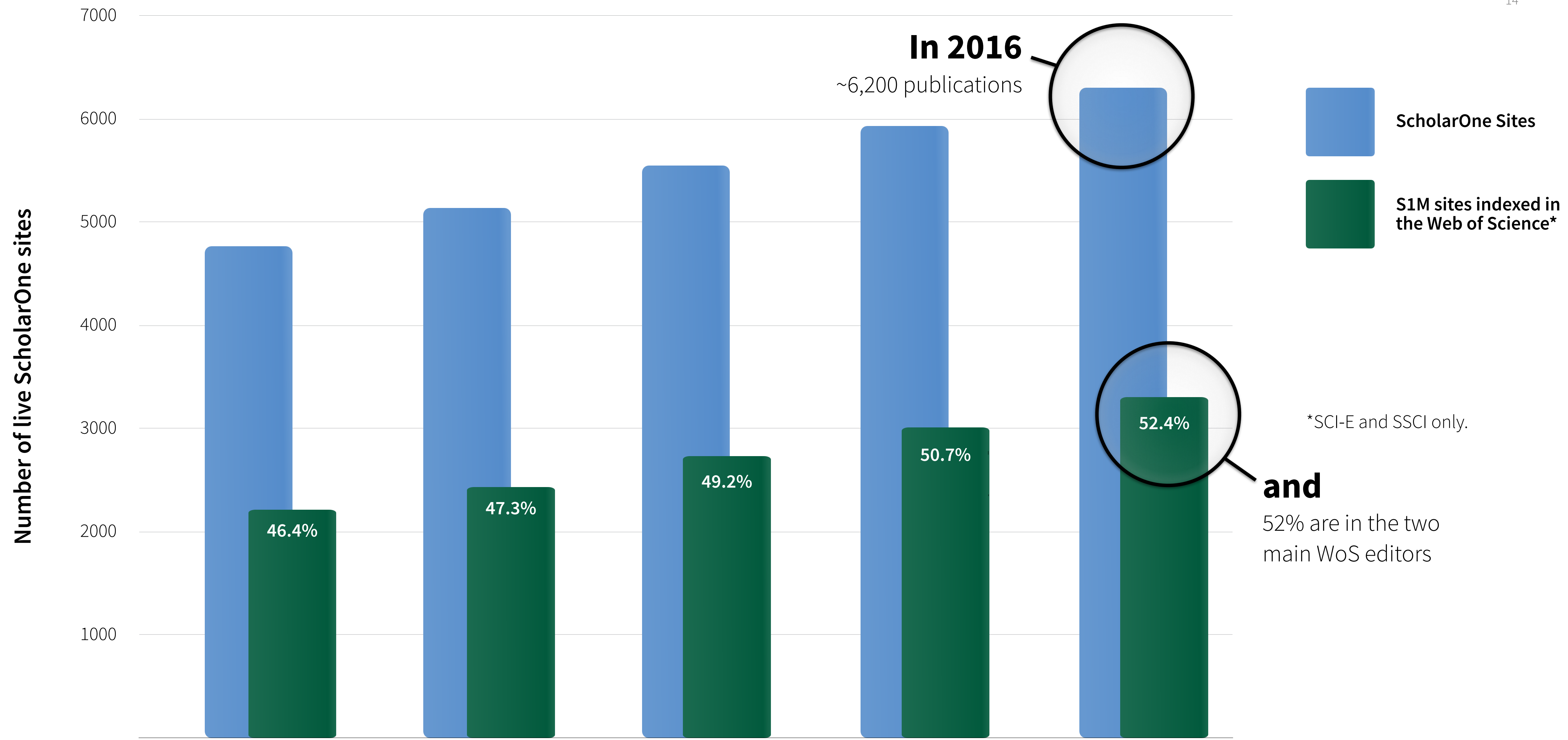
- **This on an ongoing update of our Scholarly Publishing Insights data**
- **Based on aggregated data from our submission and review platform**
- **No publisher-level details are disclosed**
- **Mapping to the Web of Science is to SCI-E and SSCI (for impact quartiles)**
- **Data is based on submission year. Accept, reject rates are for manuscripts in that submission year cohort**
- **Country is the country of the submitting author**
- **WoS Category (of 252) and ESI Research Field (of 22) for any journal is the one in which it has the highest Impact Factor rank percentile (journals may be in more than one category)**

A story of growth



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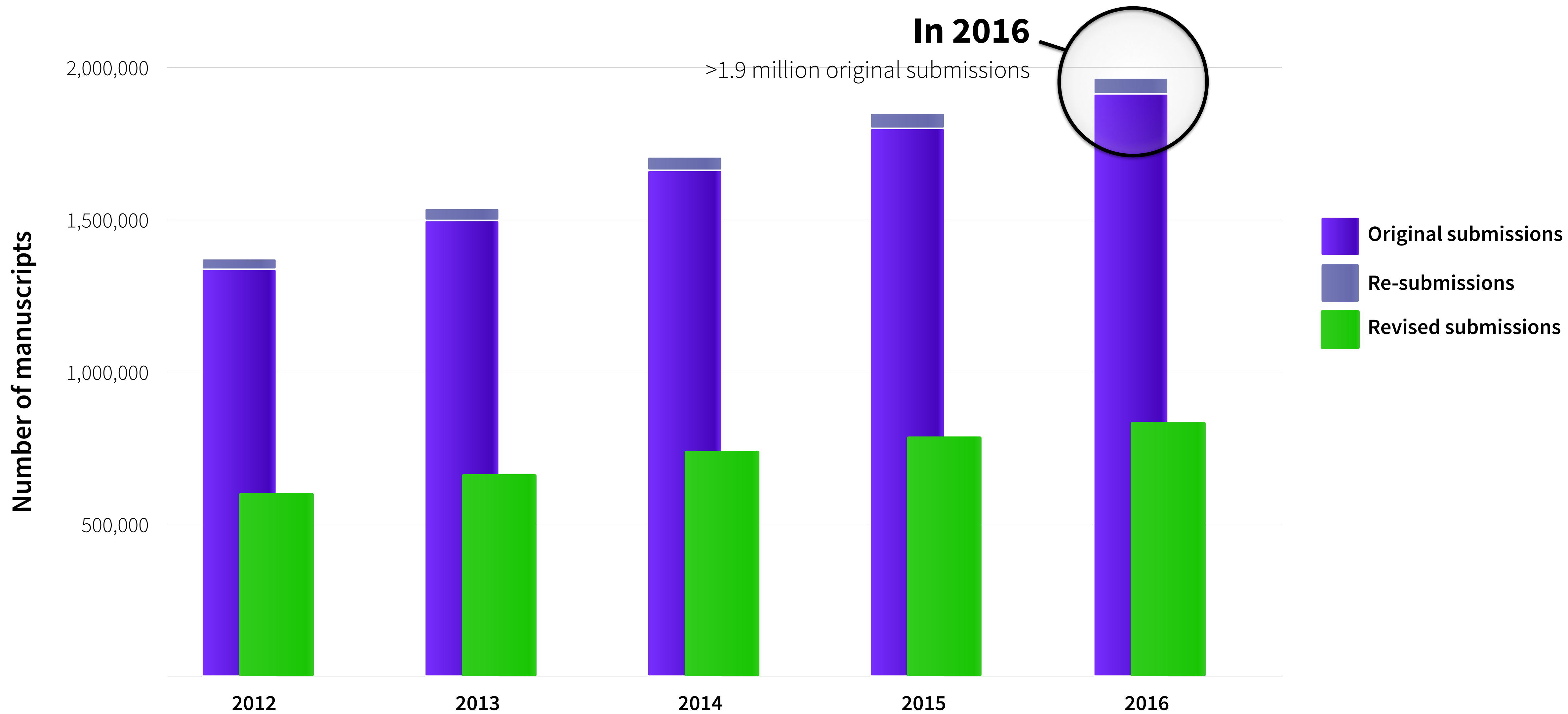
*SCI-E and SSCI only.
and
52% are in the two main WoS editors

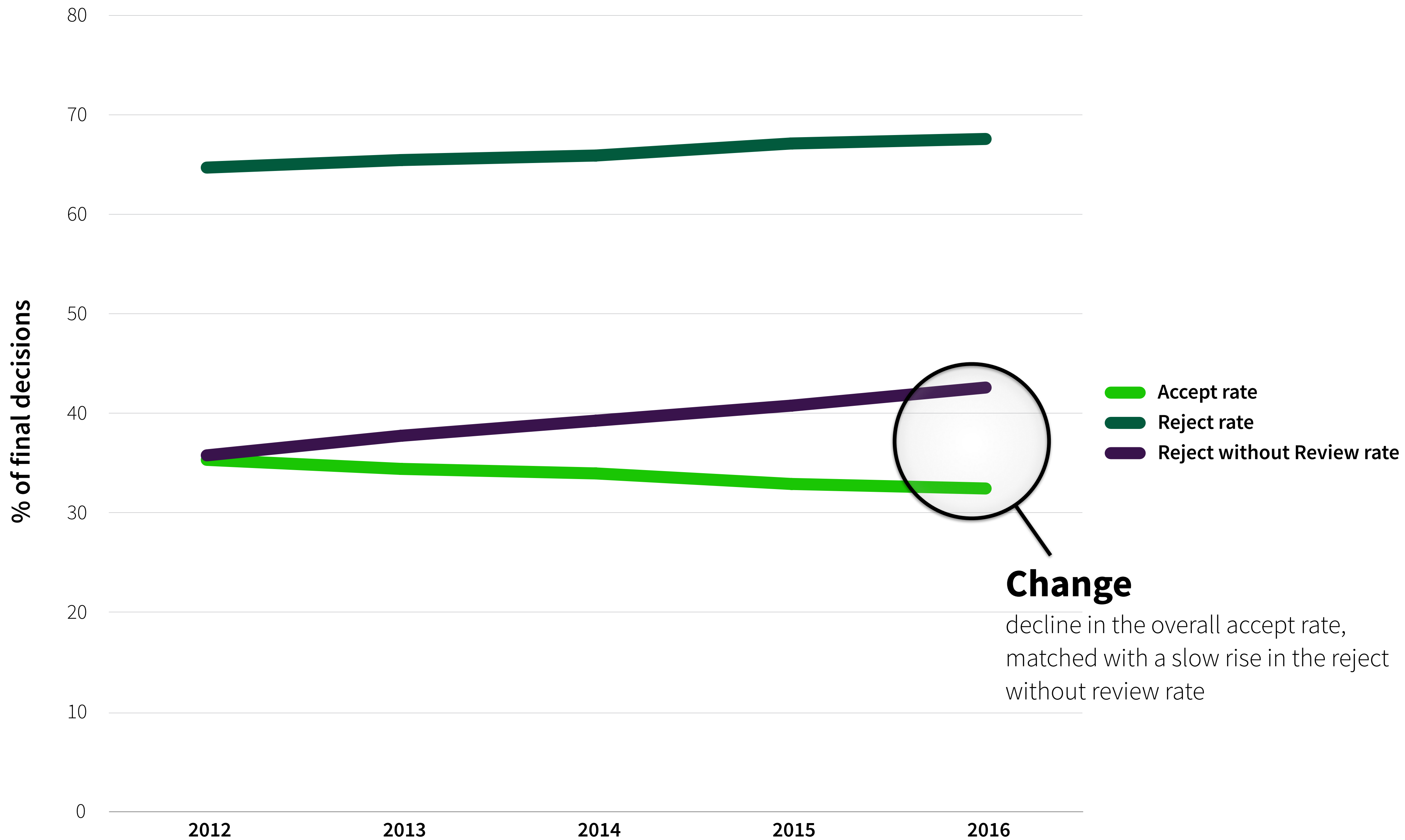
Manuscript submissions



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Change

decline in the overall accept rate, matched with a slow rise in the reject without review rate

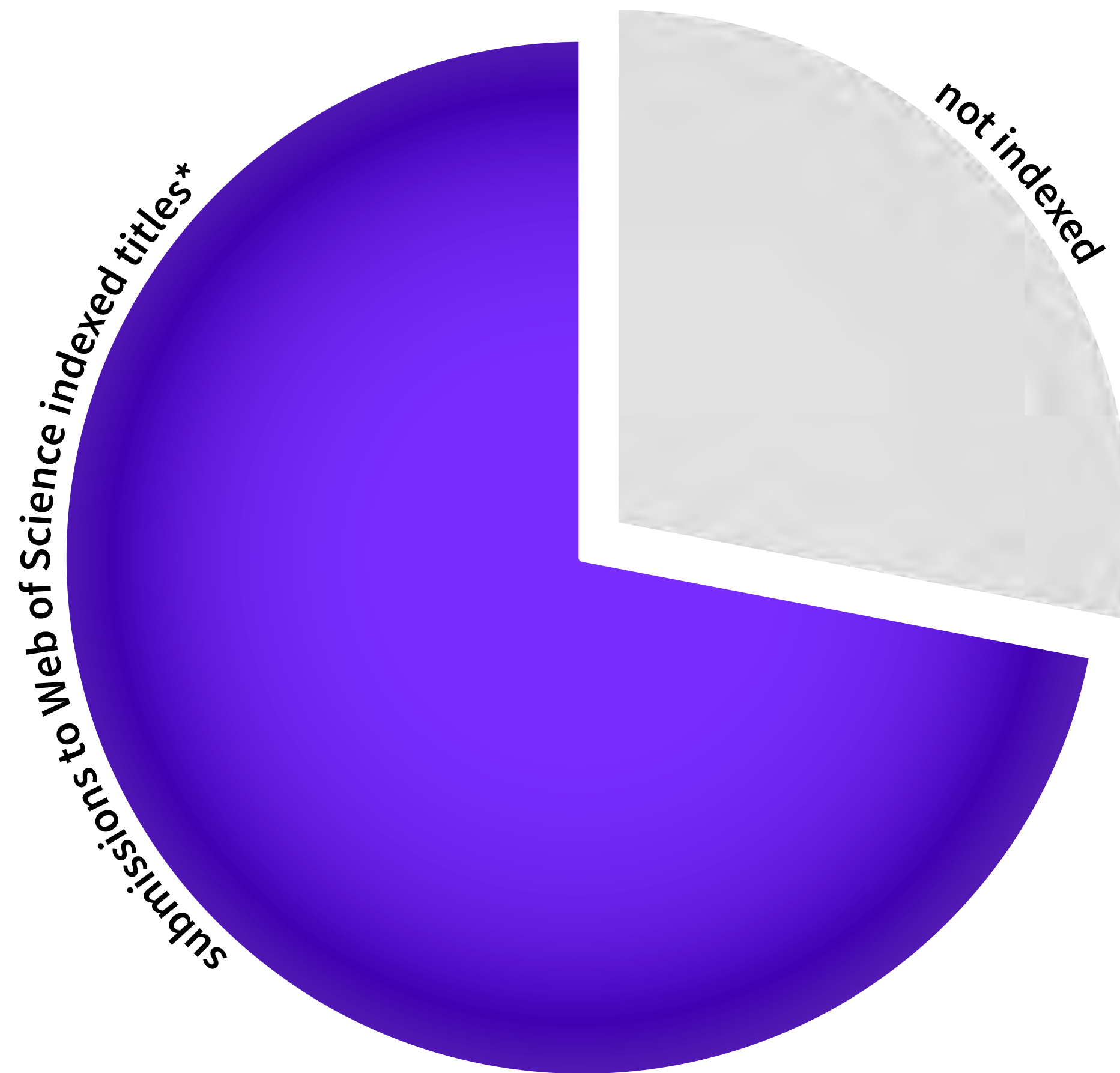
Mapping to the Web of Science



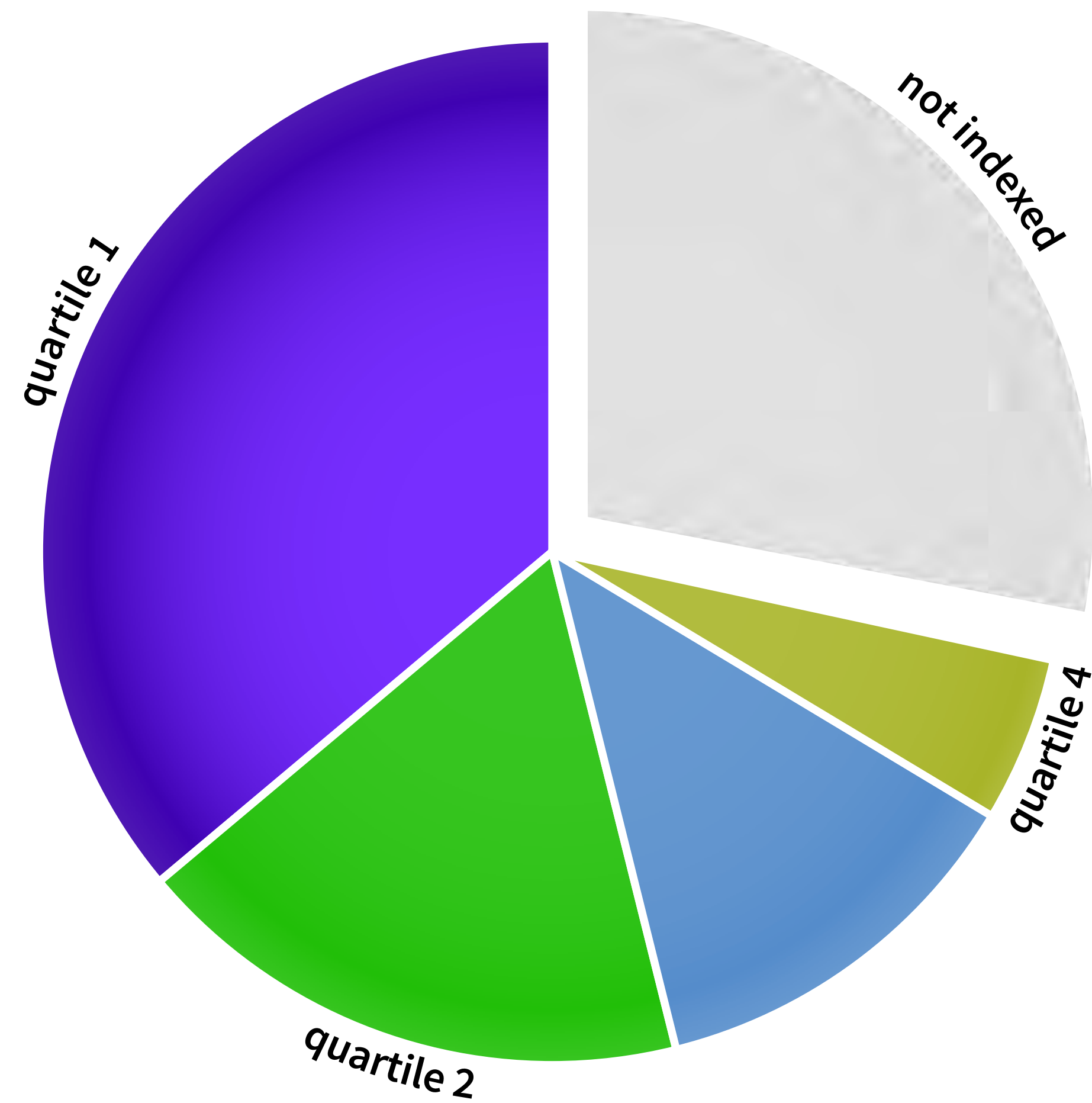
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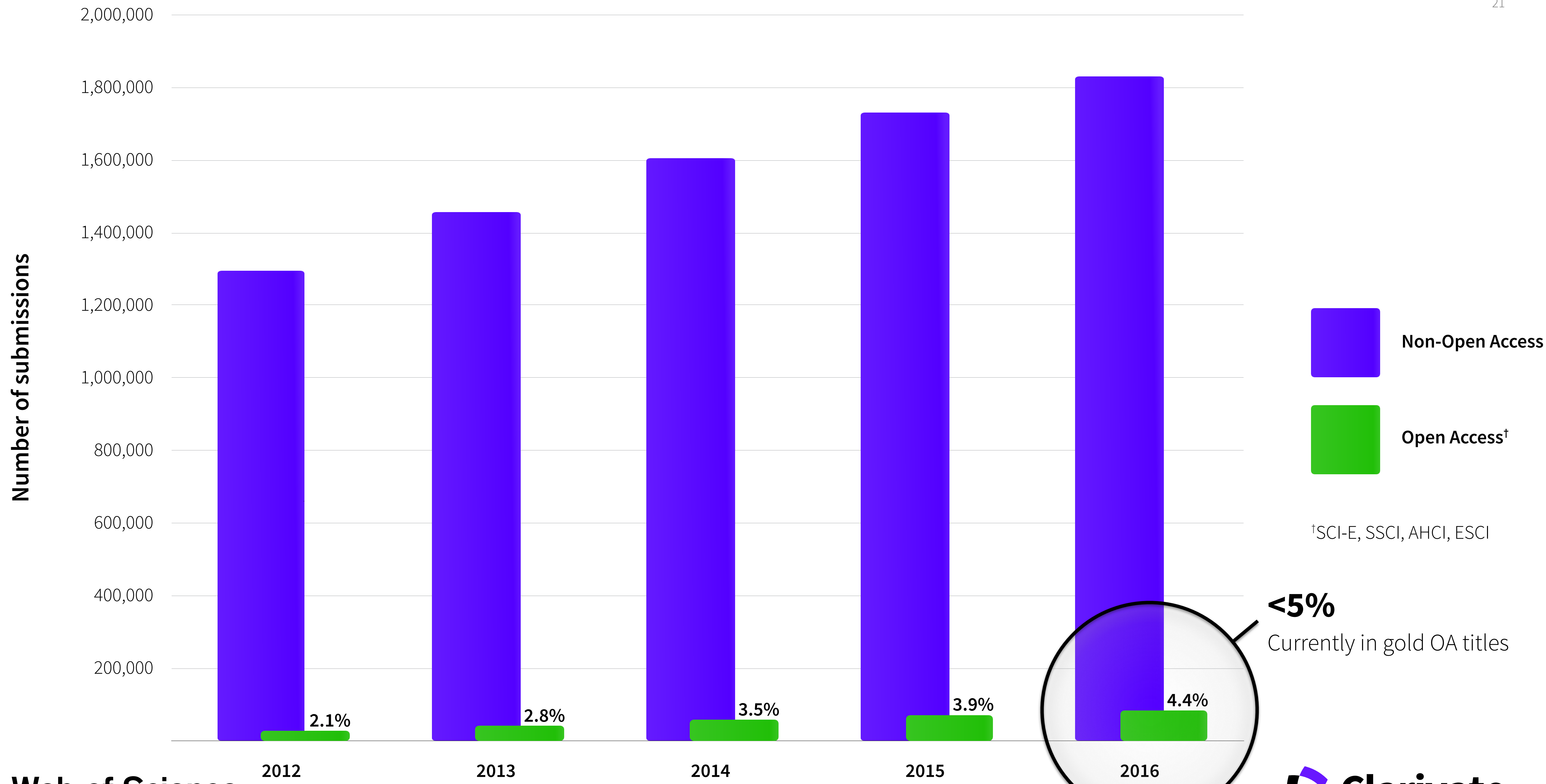
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72%
of submissions to
ScholarOne Manuscripts
are to WoS indexed title



>35%
in top quartile journals





Non-Open Access

Open Access†

†SCI-E, SSCI, AHCI, ESCI

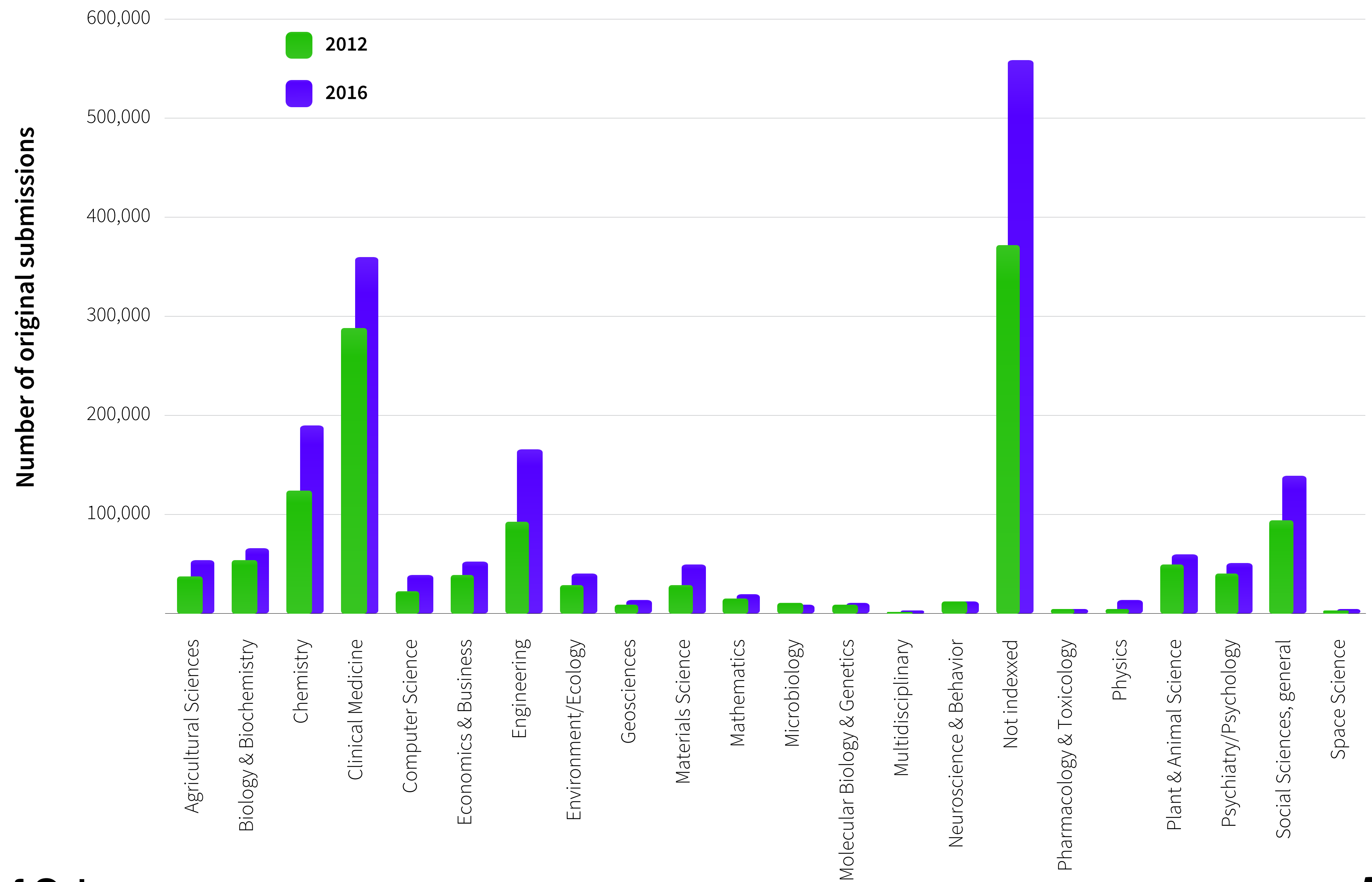
<5%
Currently in gold OA titles

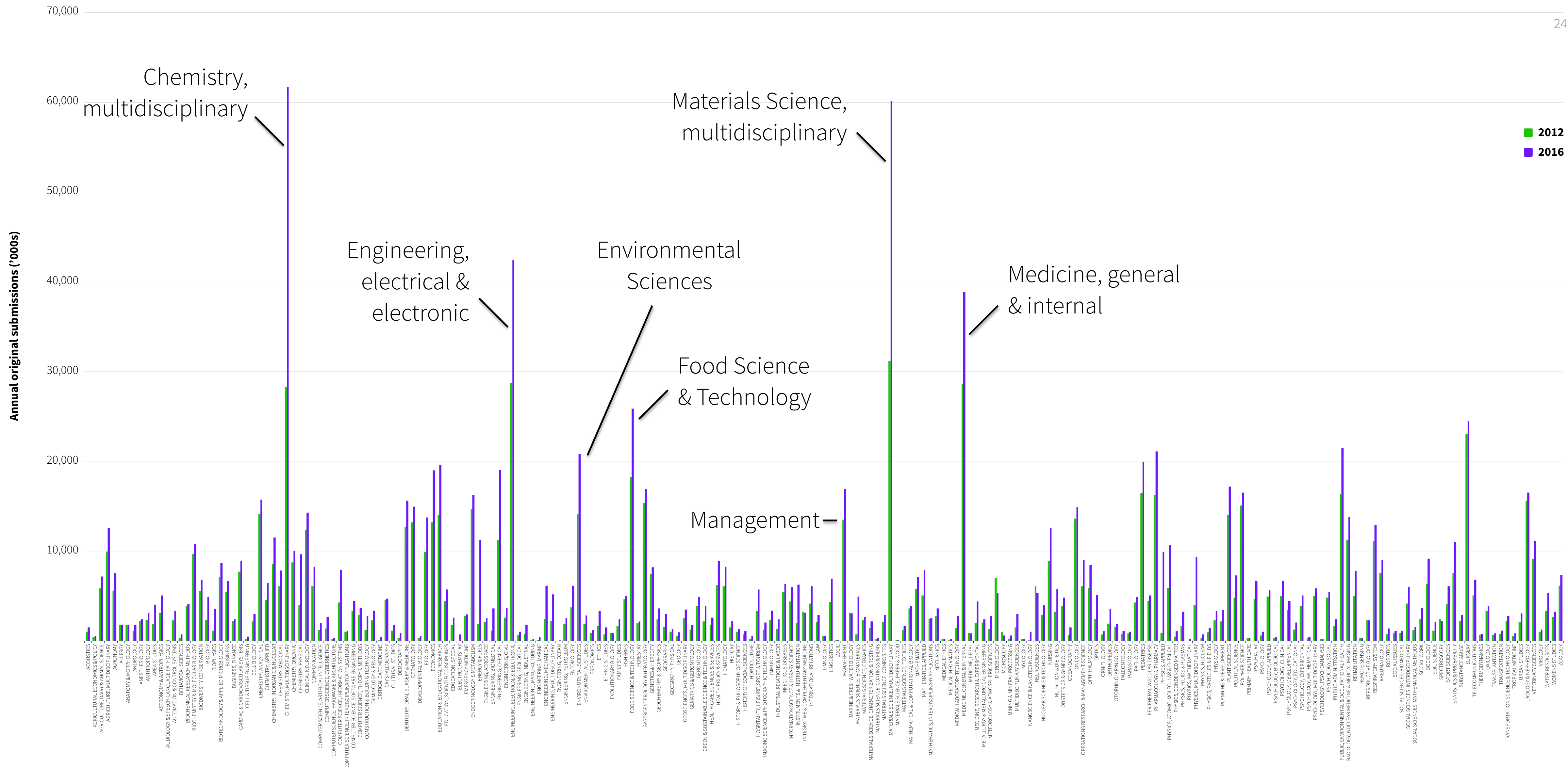
The scope of current research

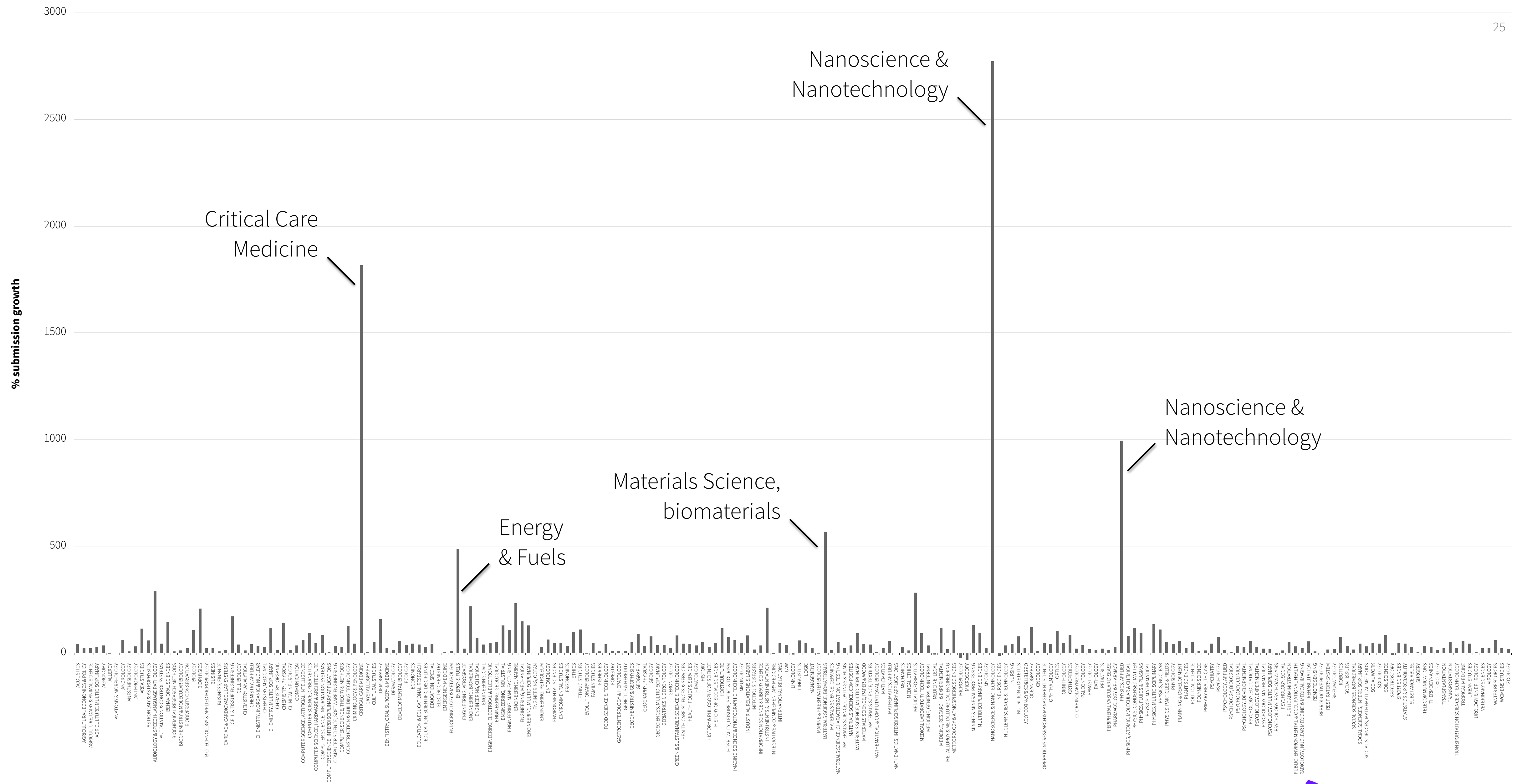


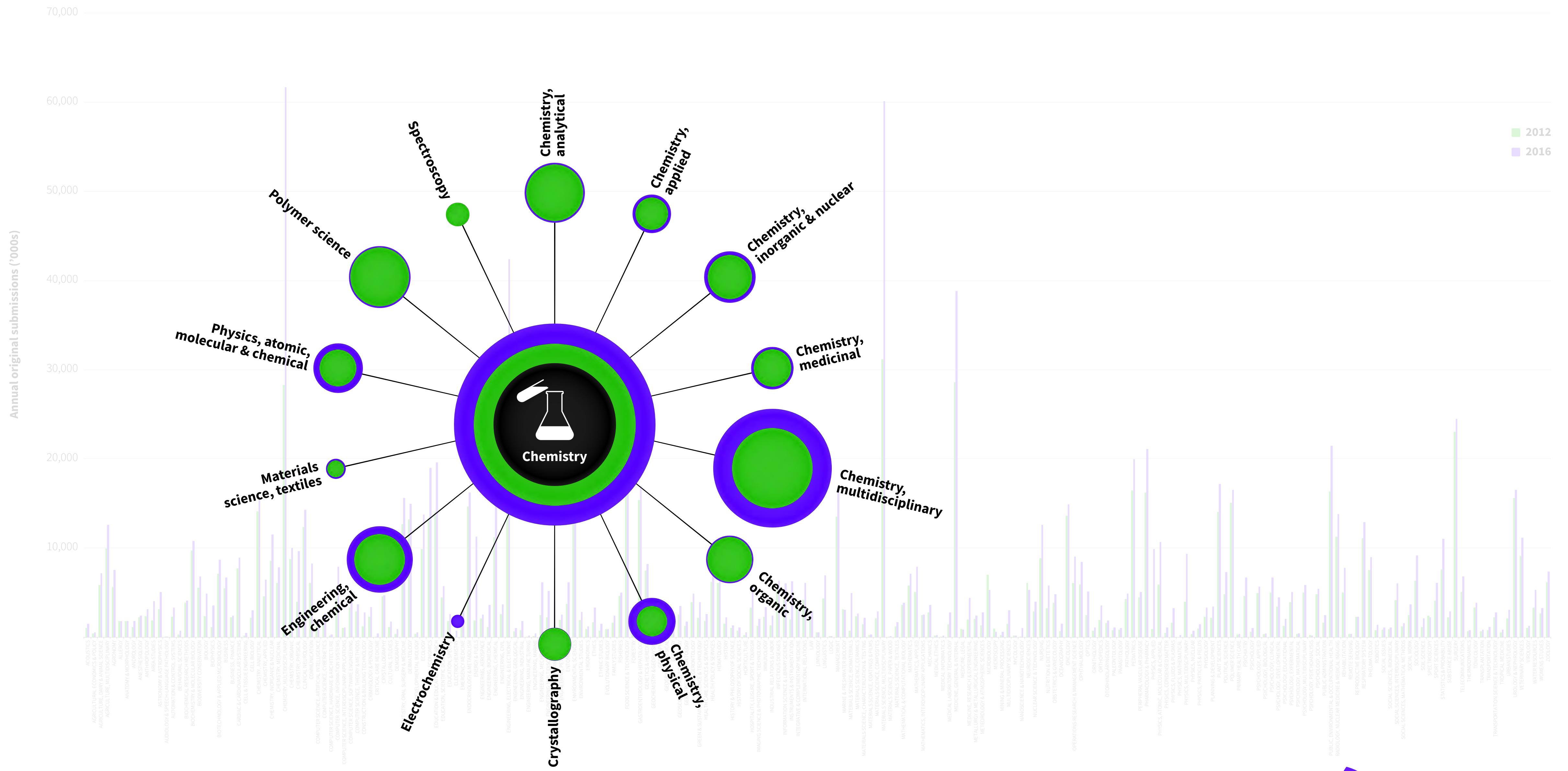
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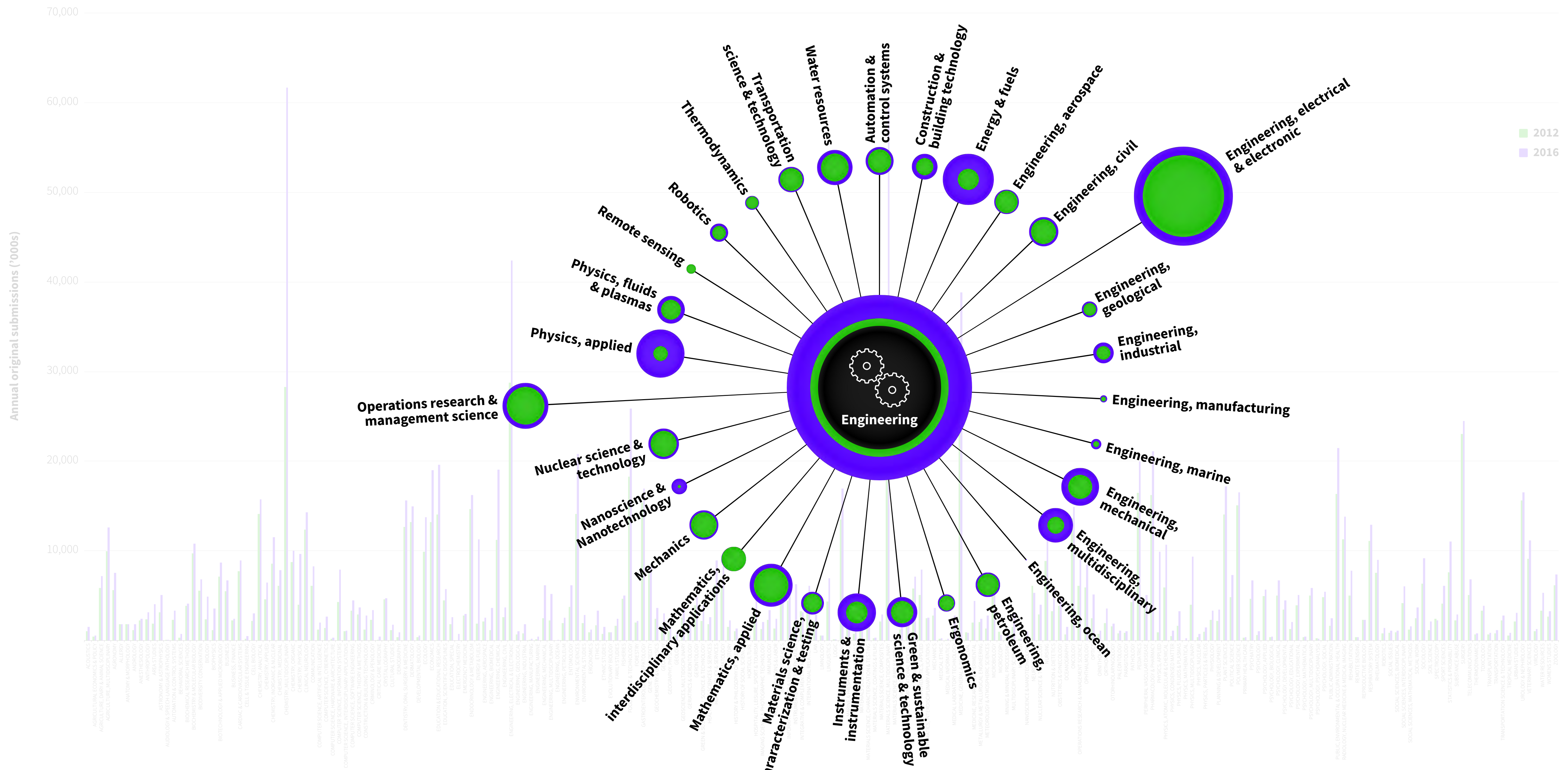






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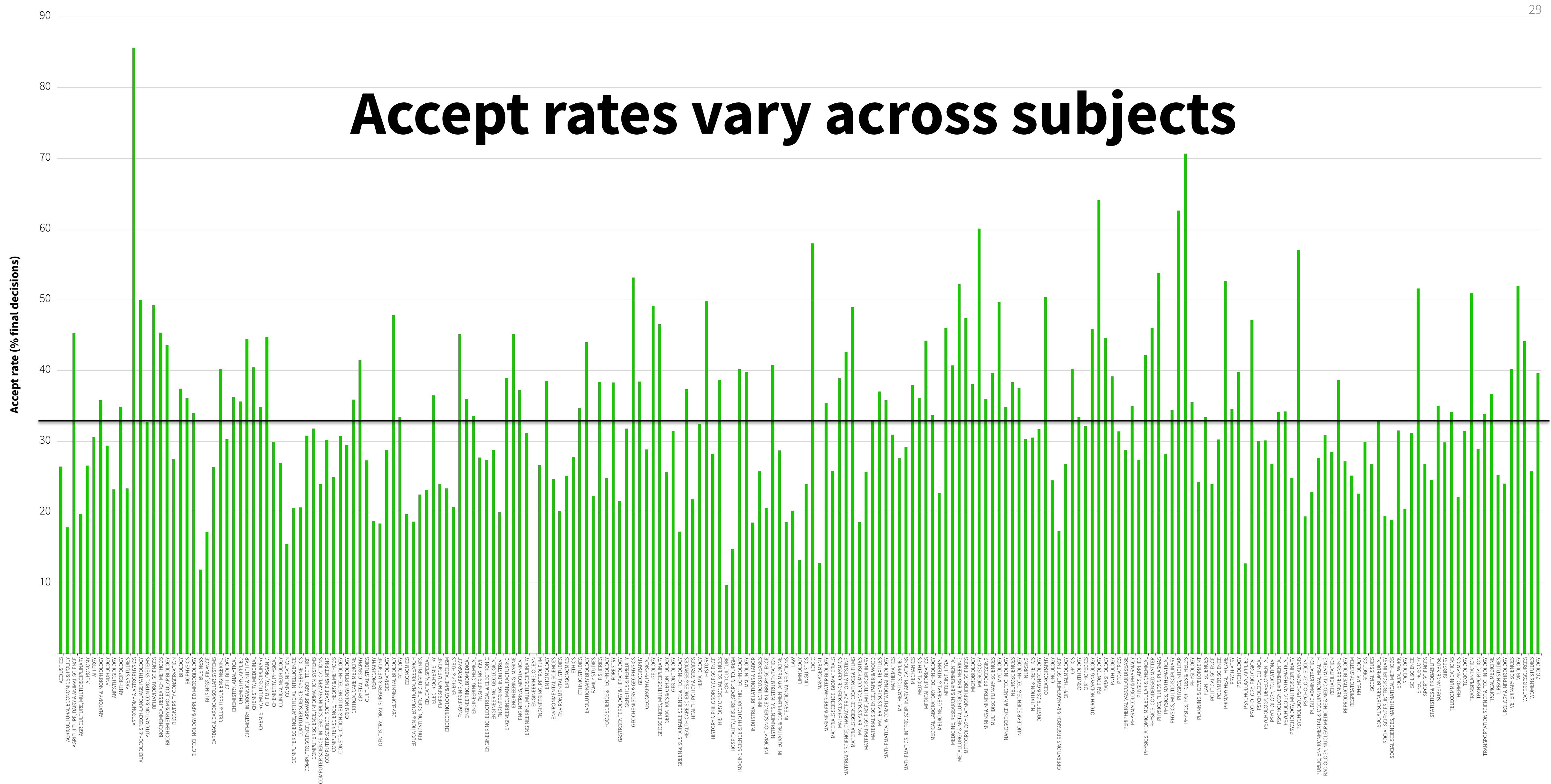
Making decisions

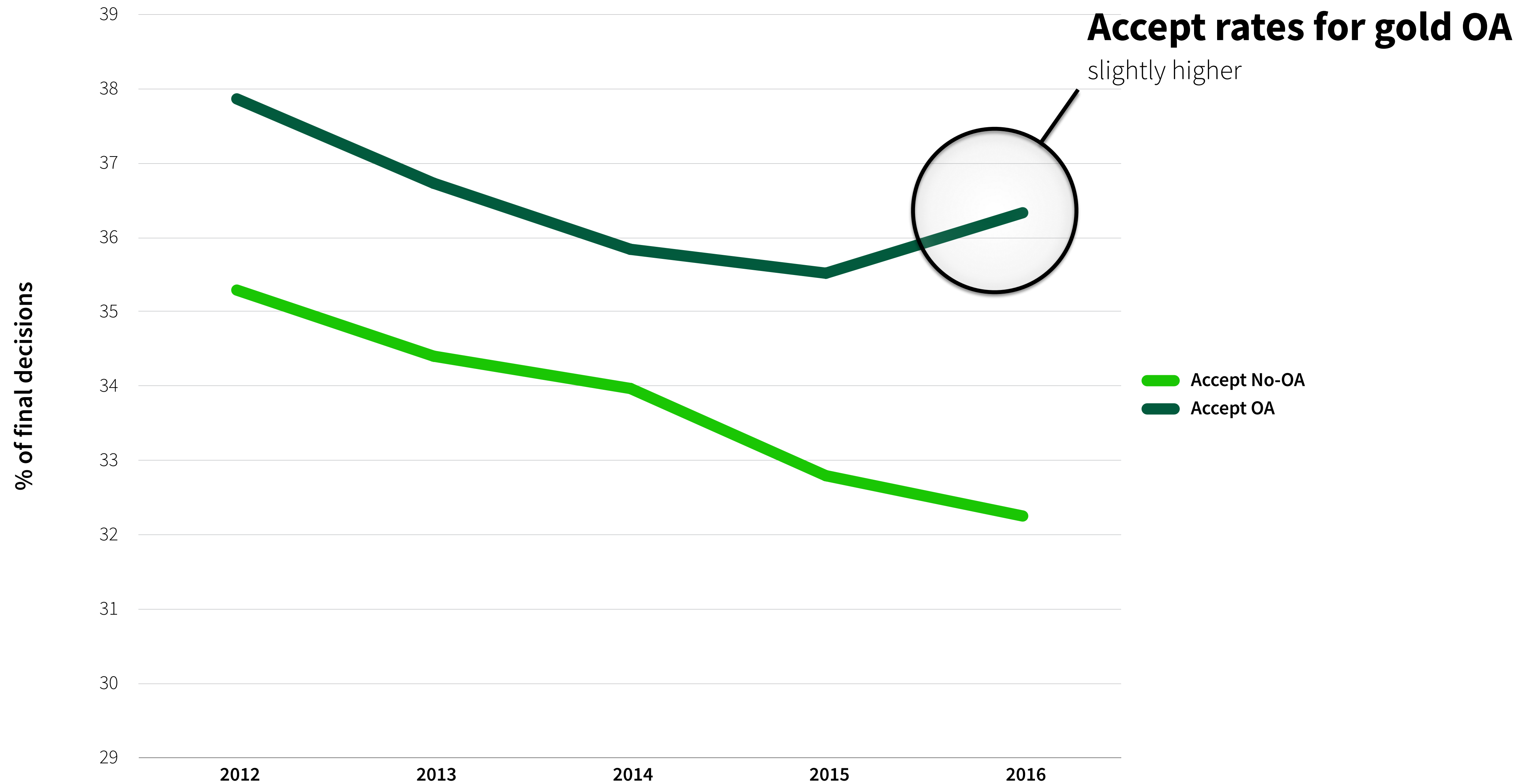


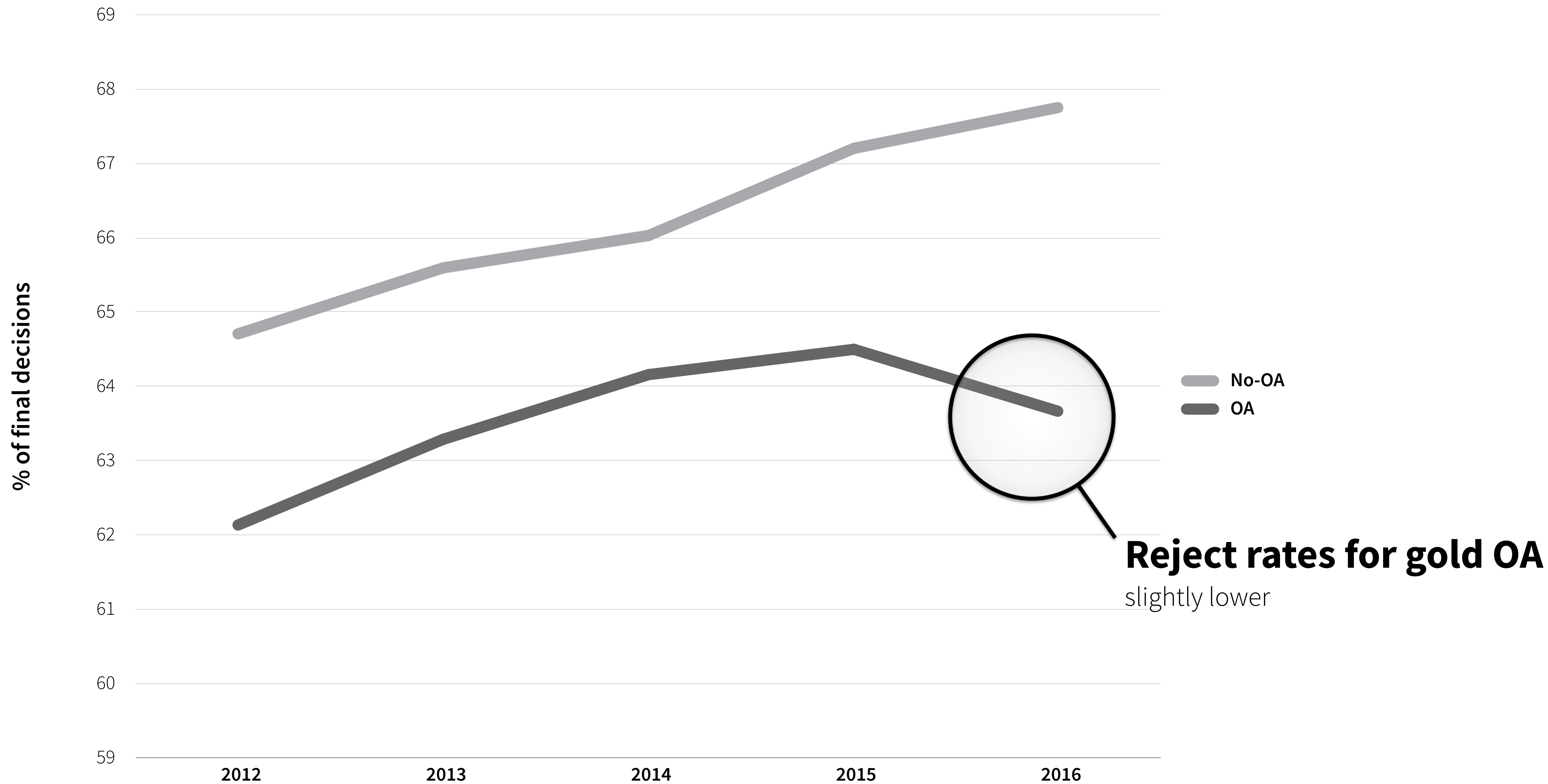
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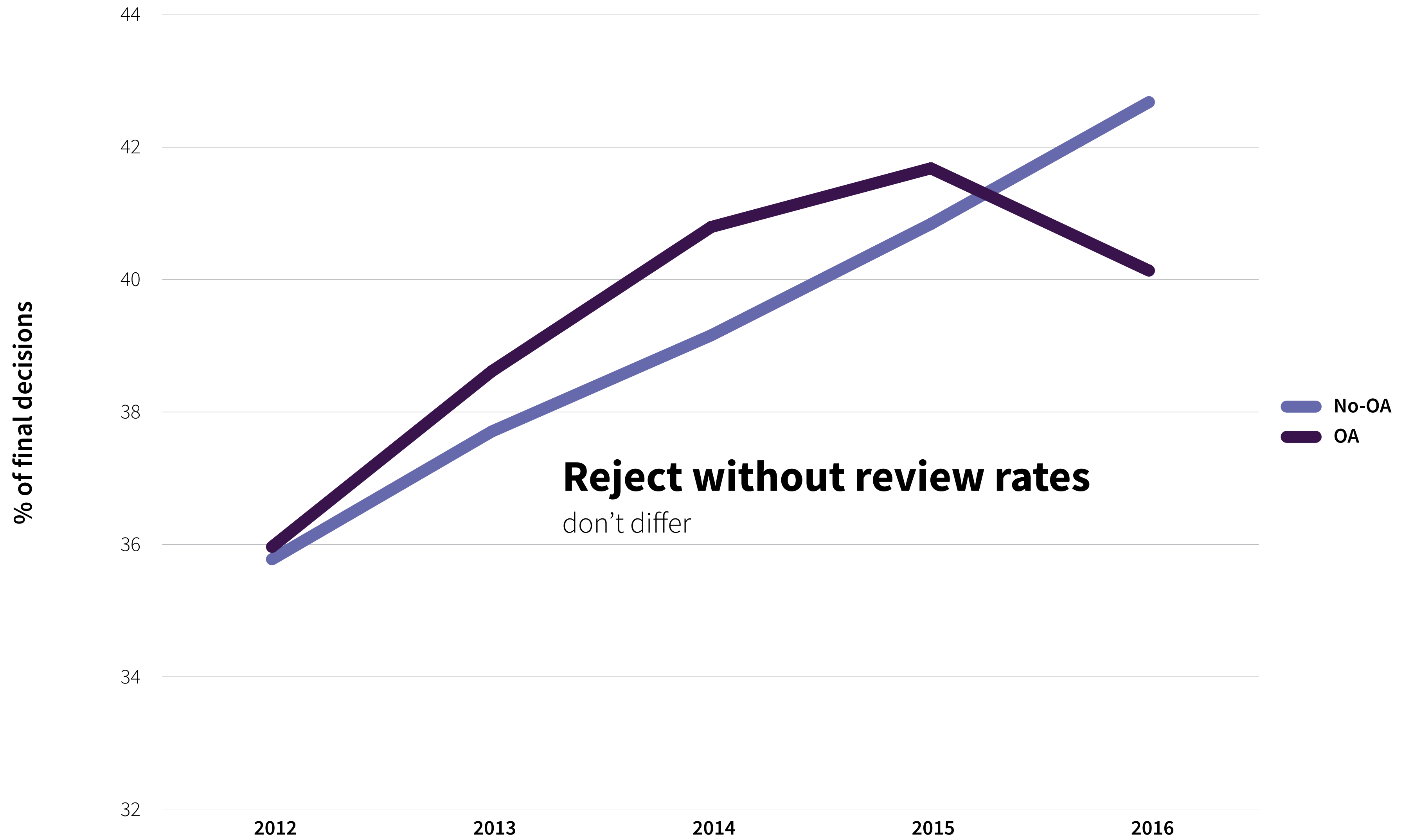
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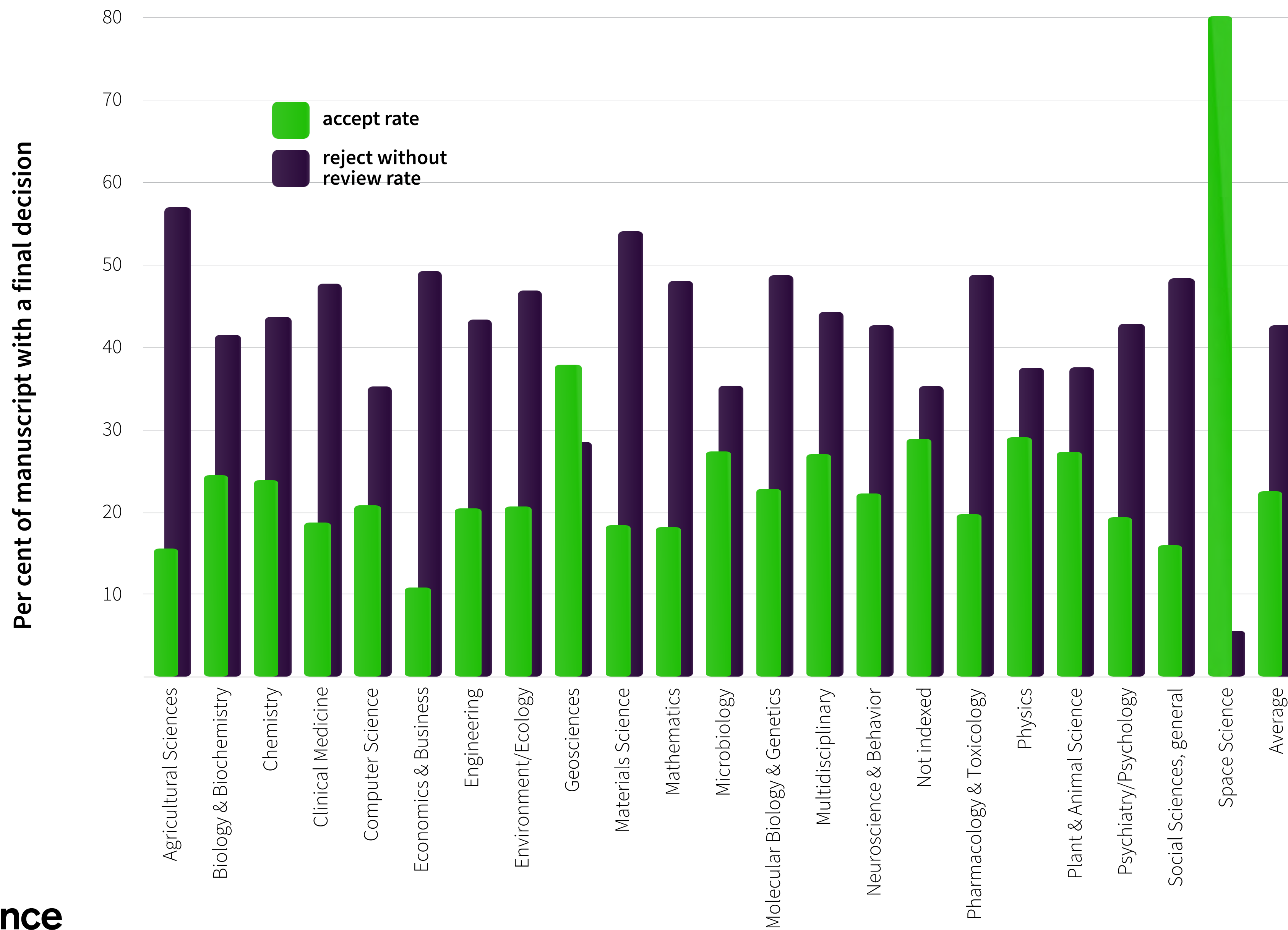
Accept rates vary across subjects

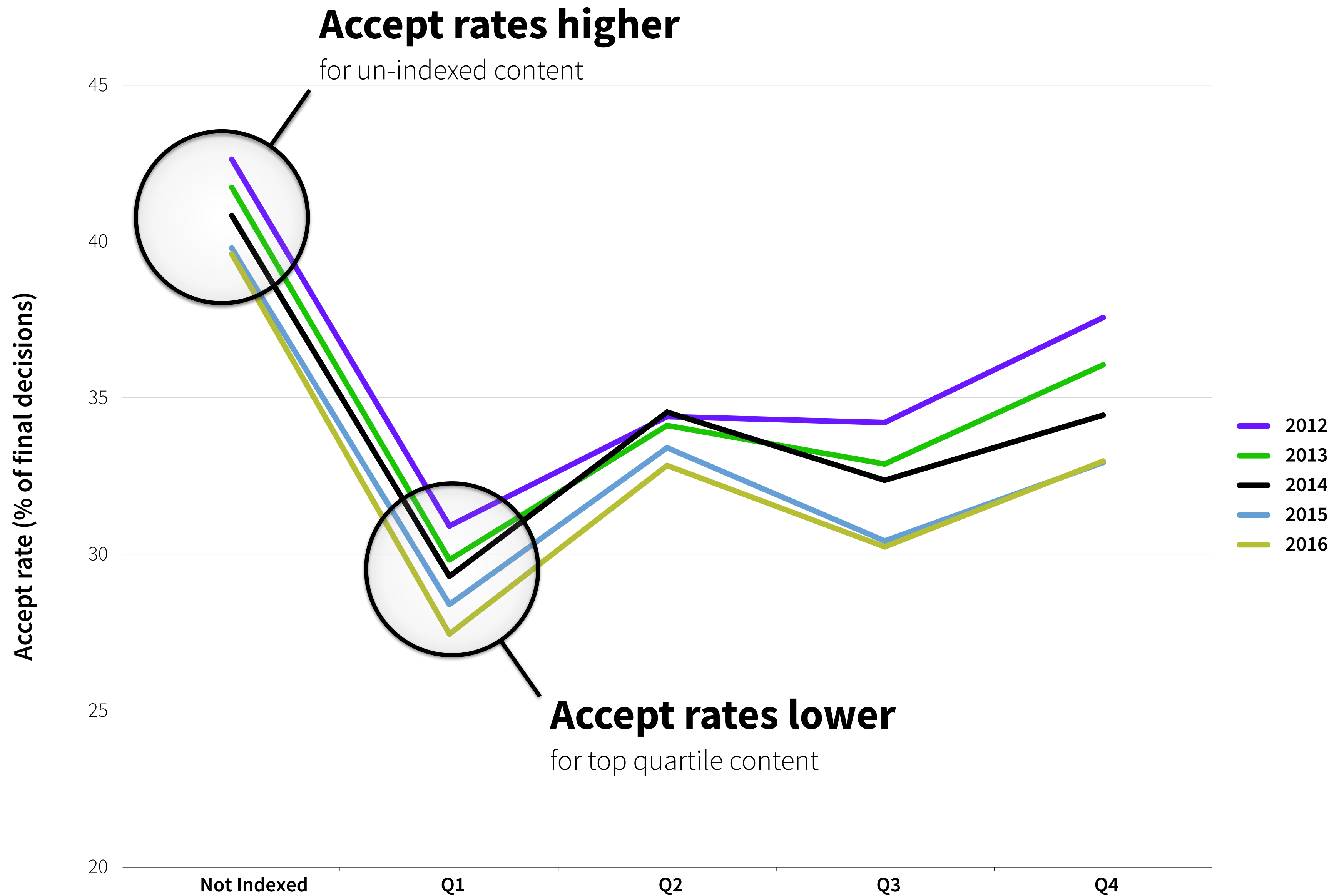


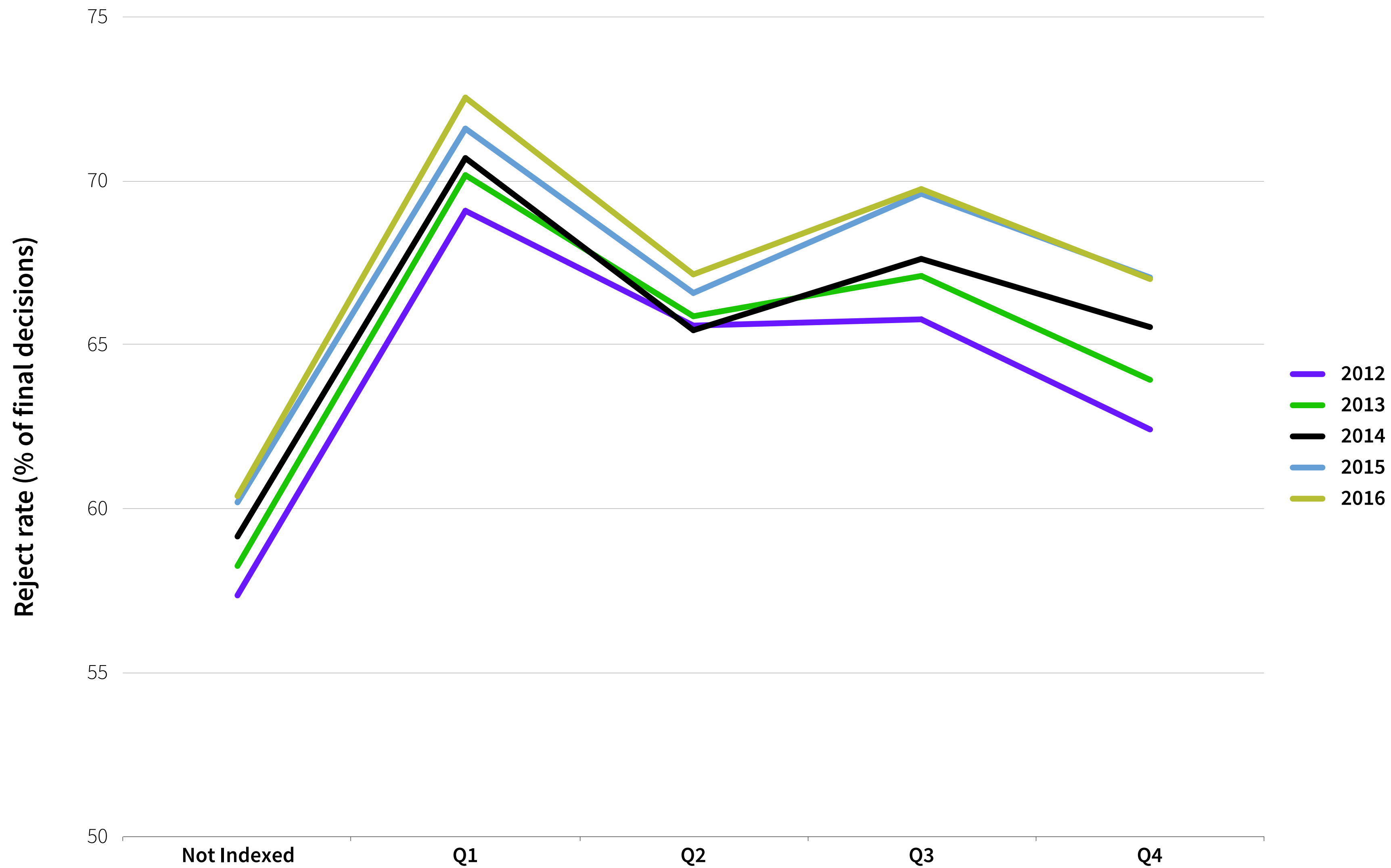


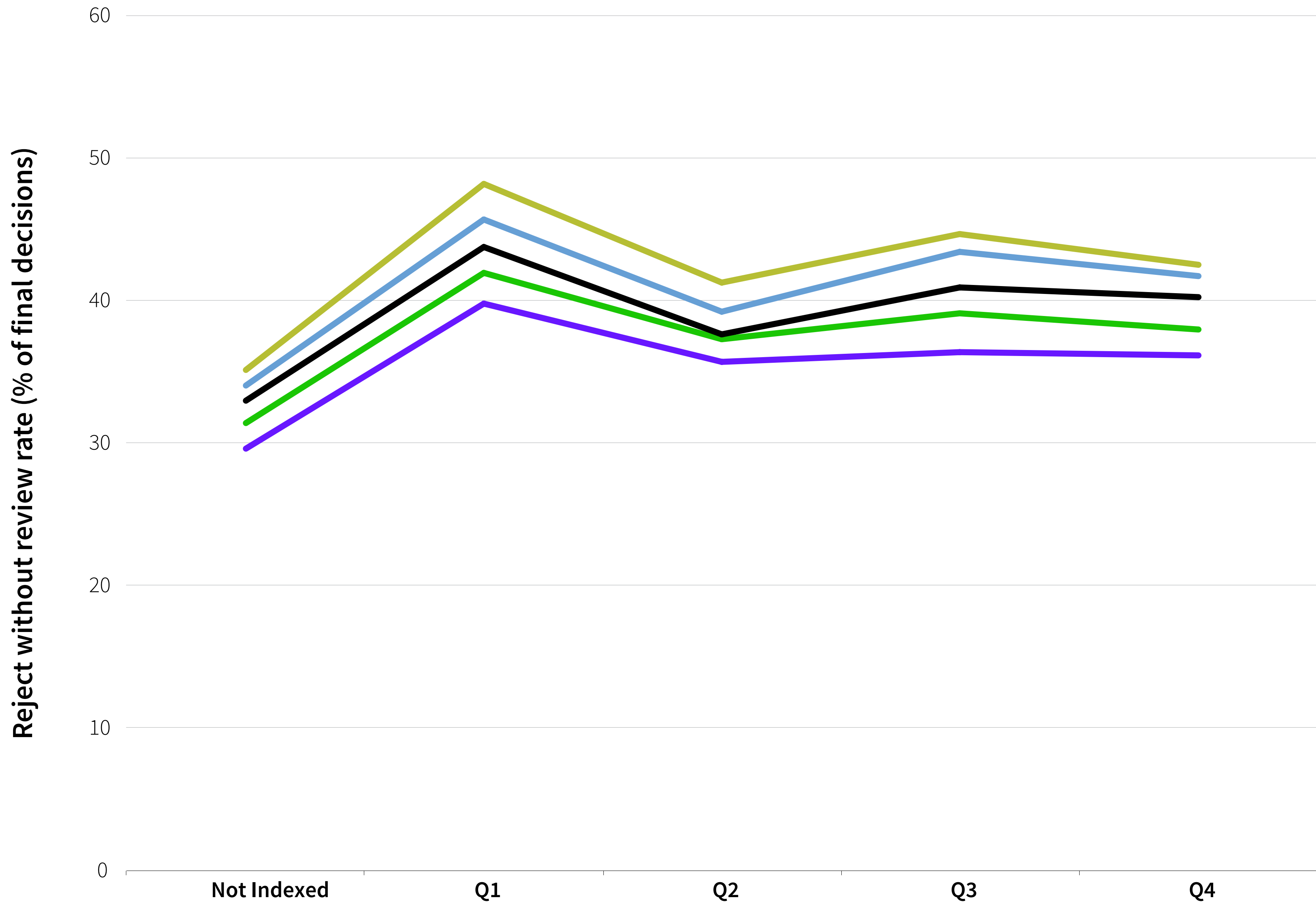












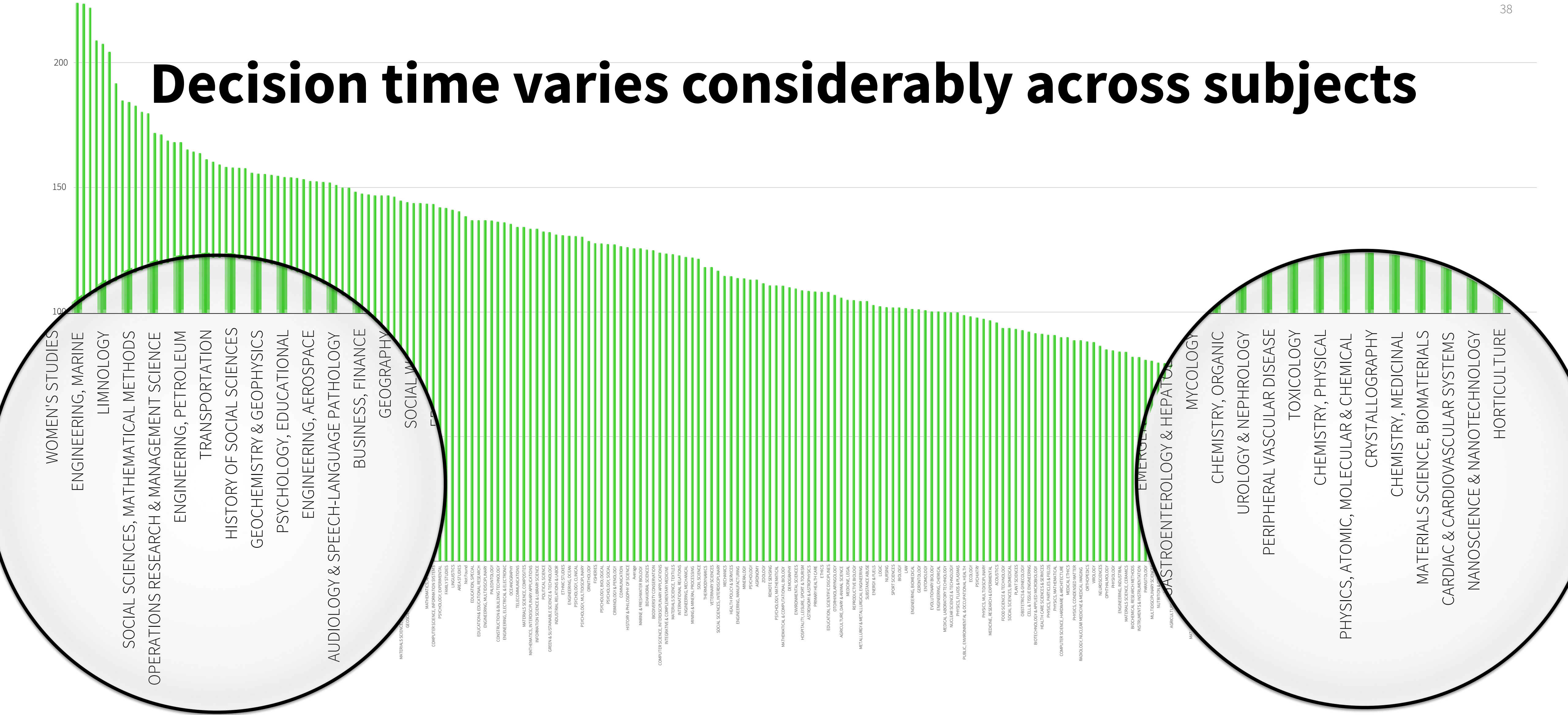
Decision times

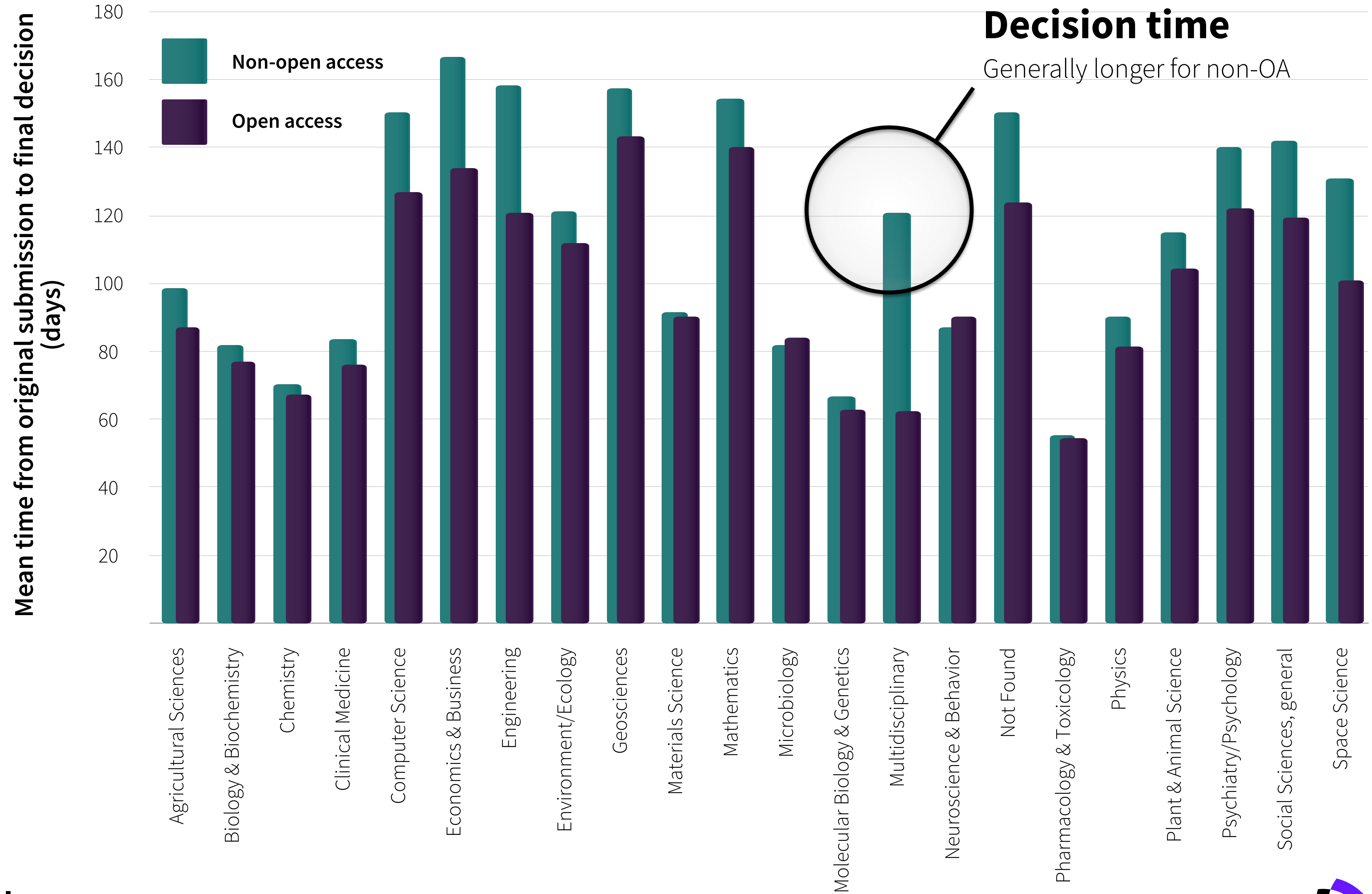


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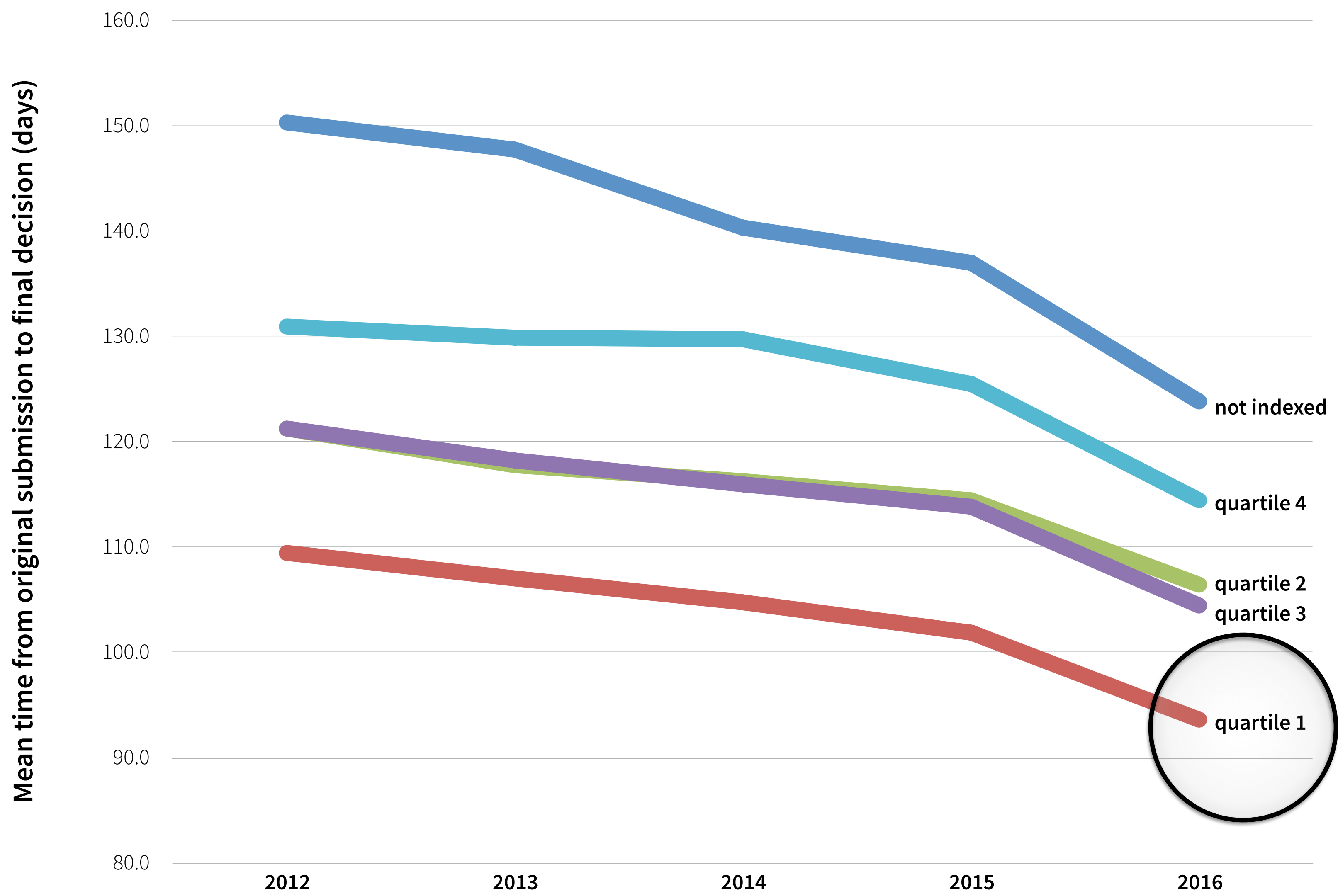
Decision time varies considerably across subjects





Mean time from original submission to final decision (days)





Decision times

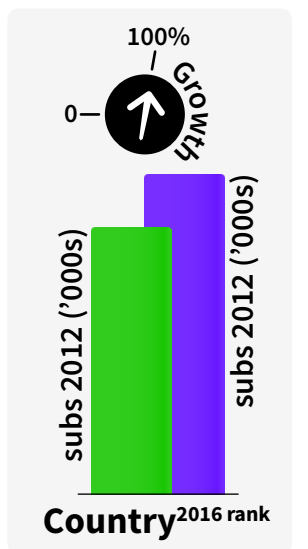
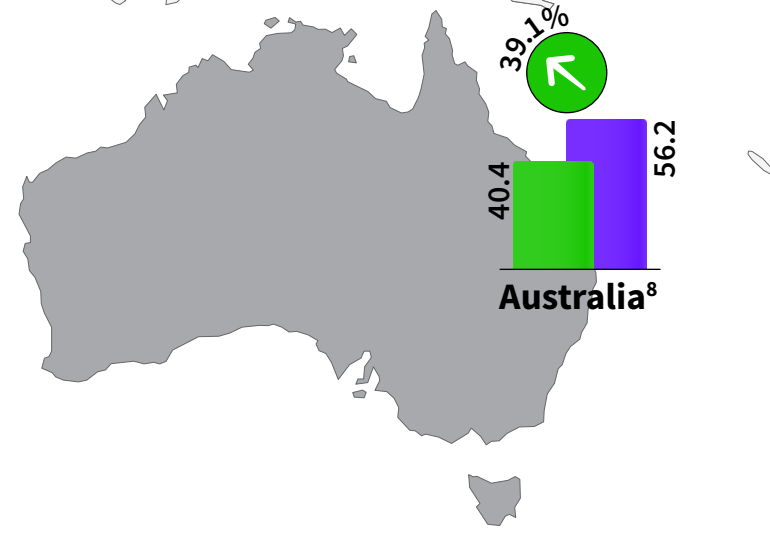
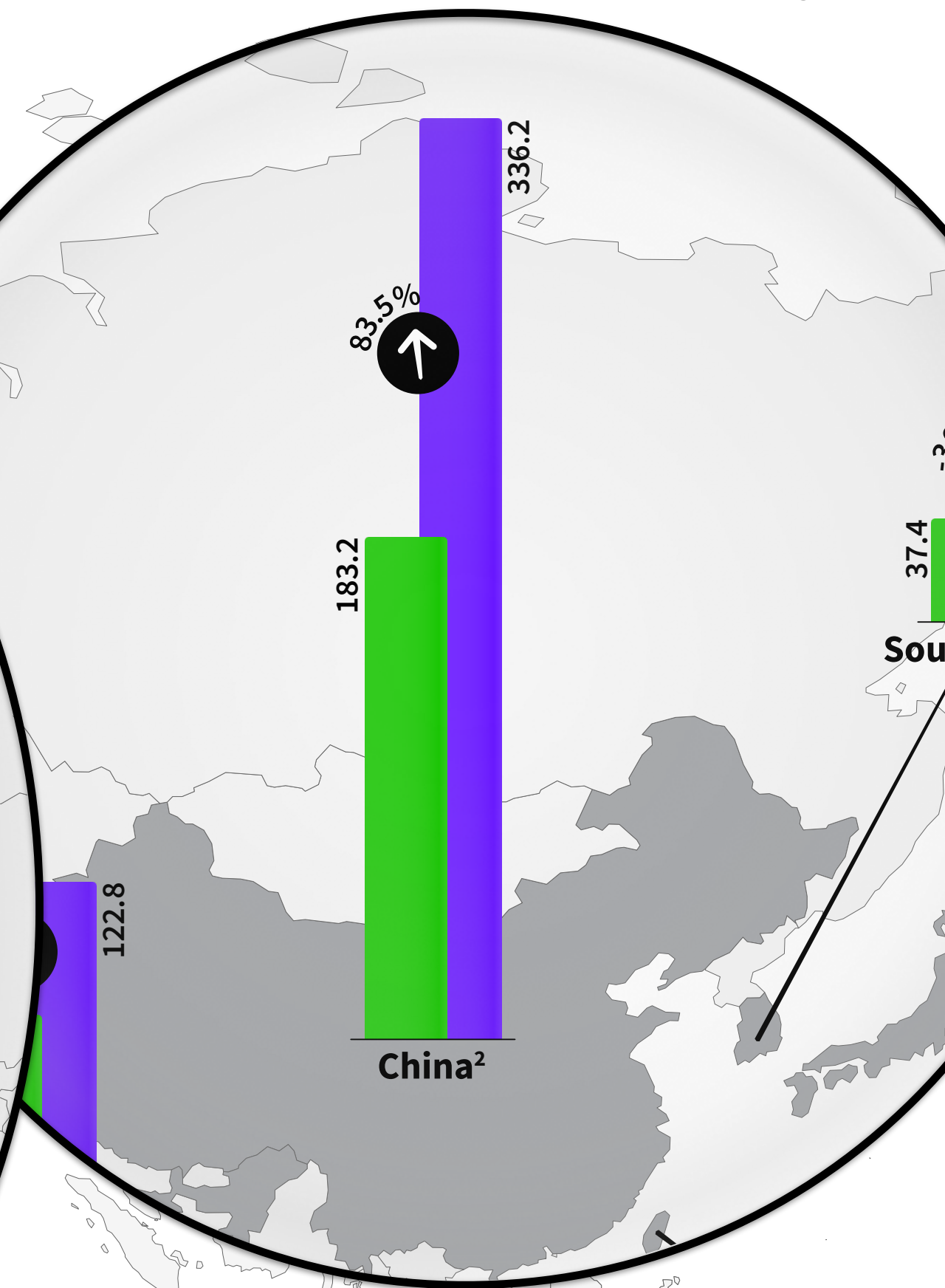
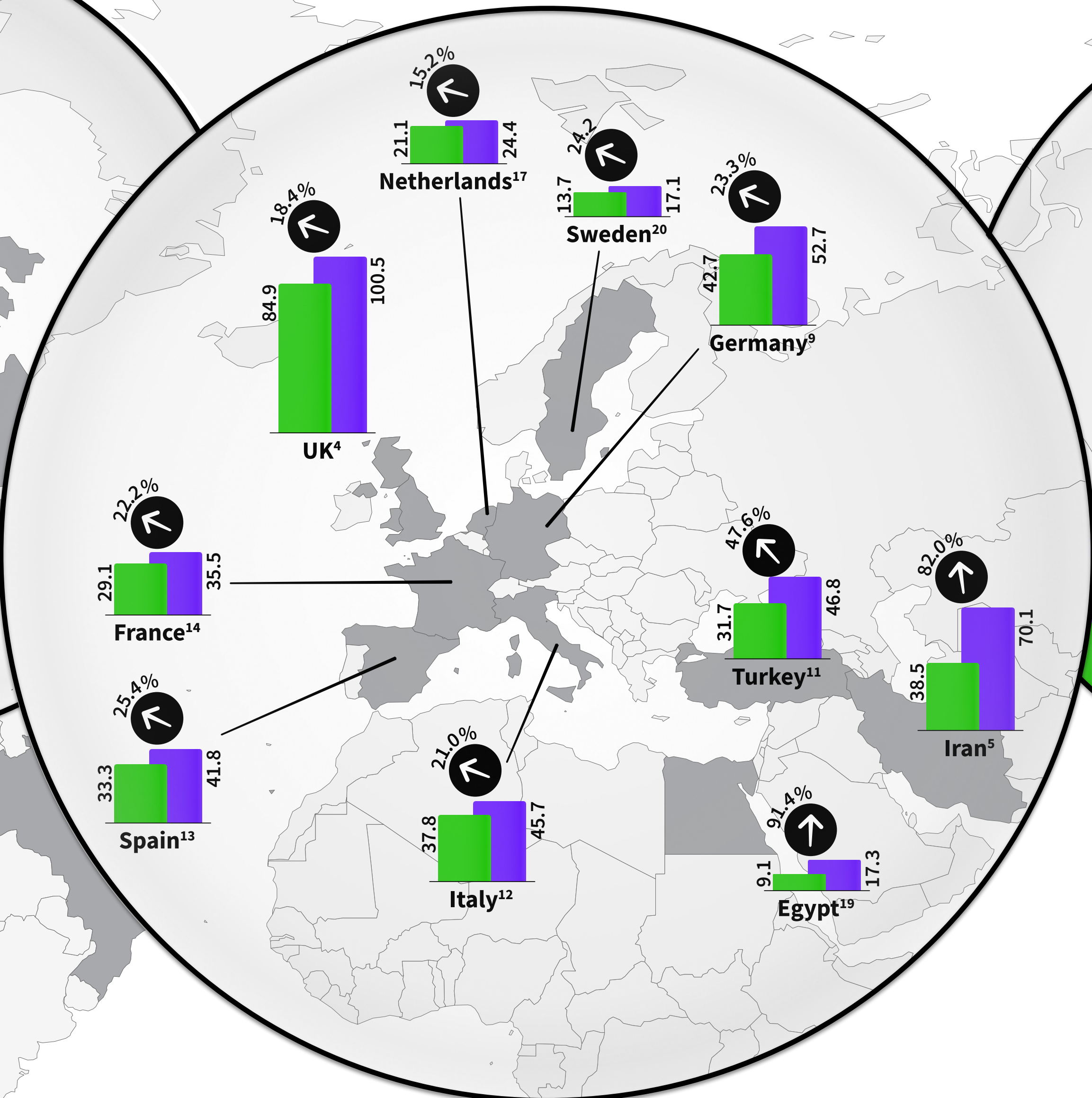
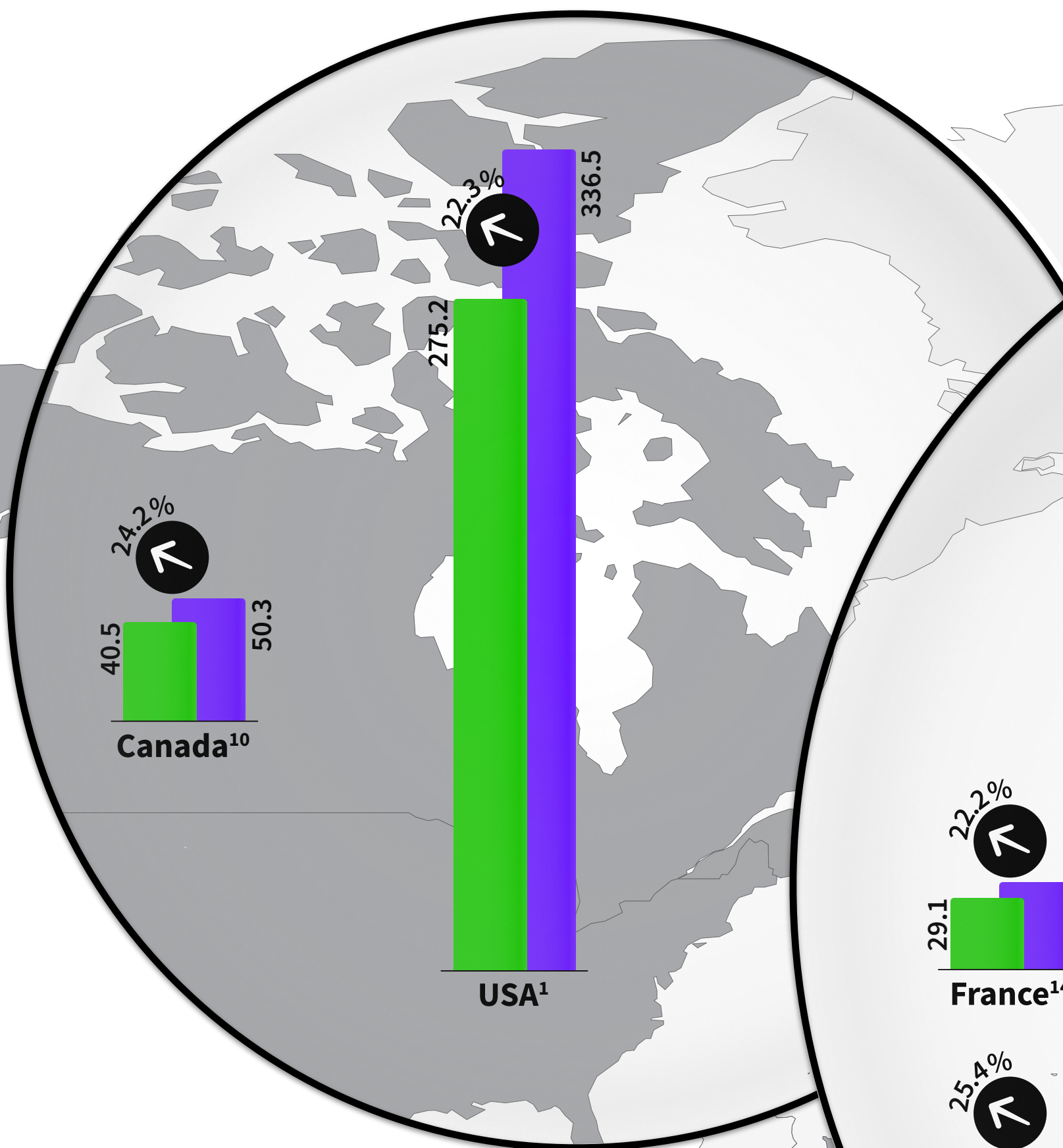
improve overall — quicker in upper impact quartiles

Submissions by geography



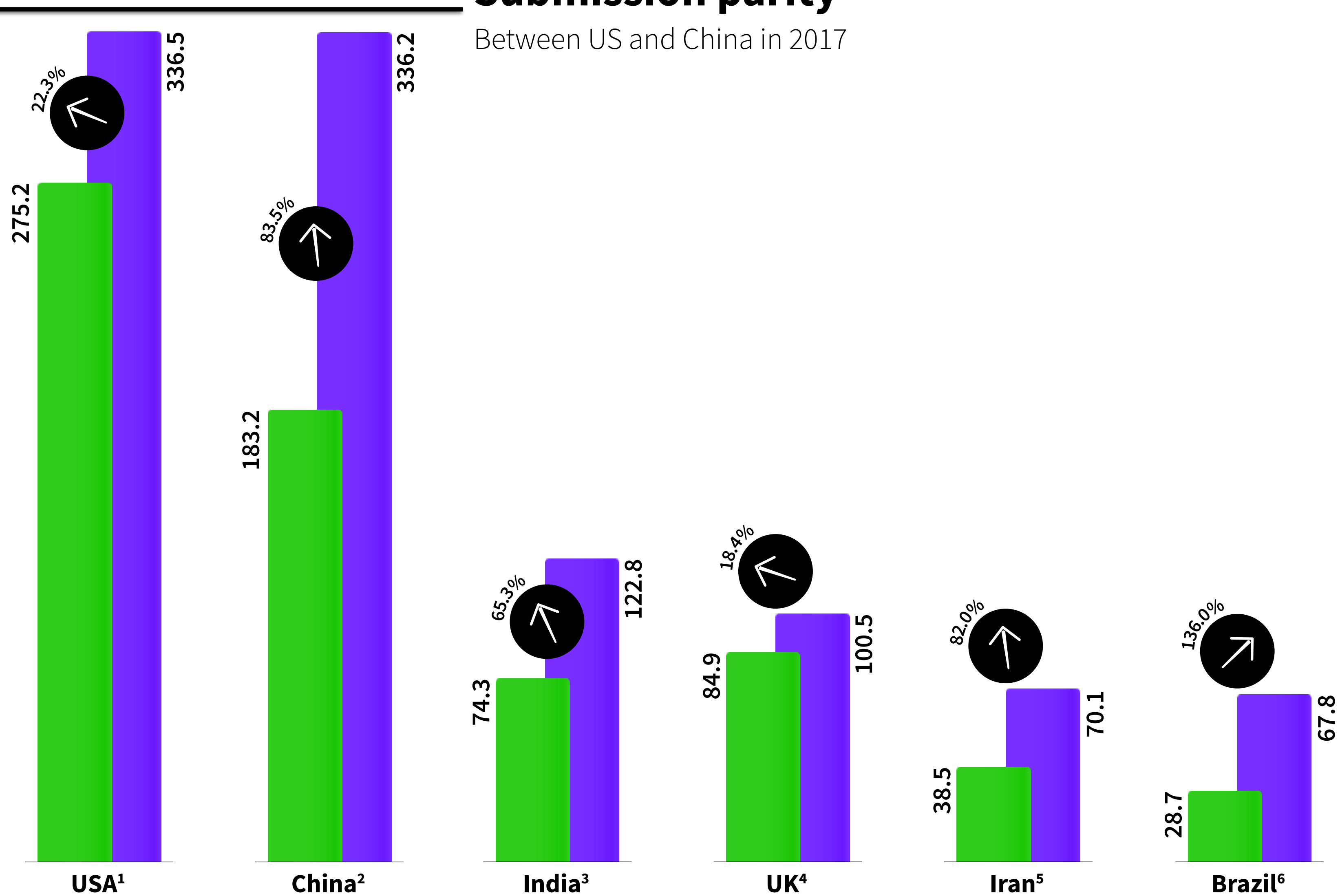
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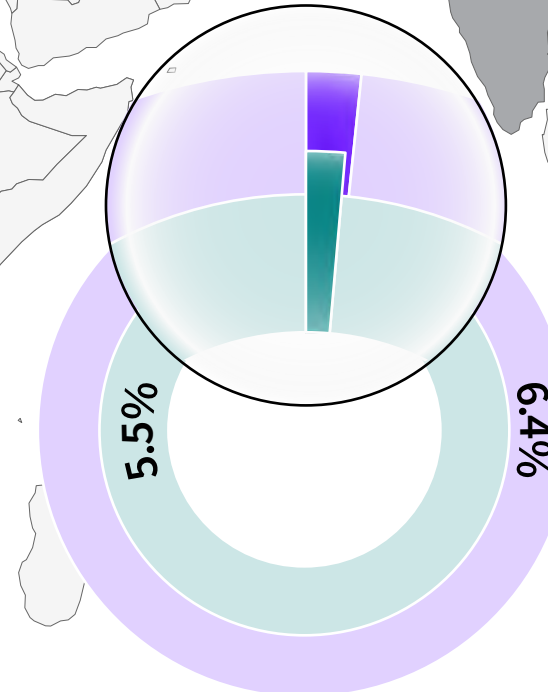
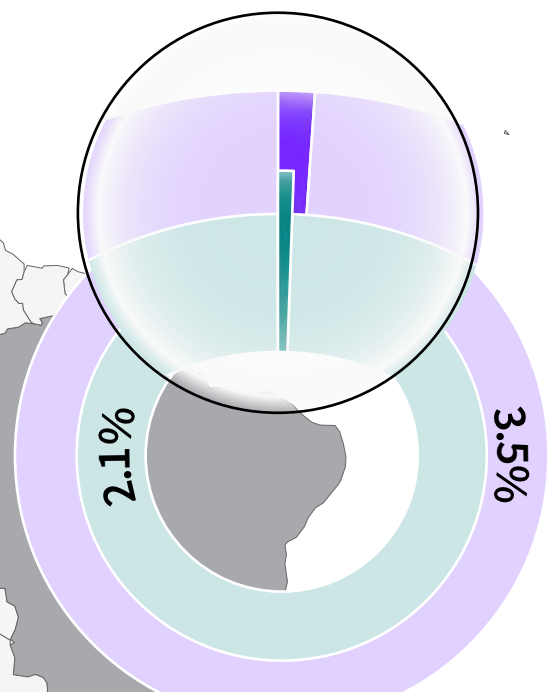
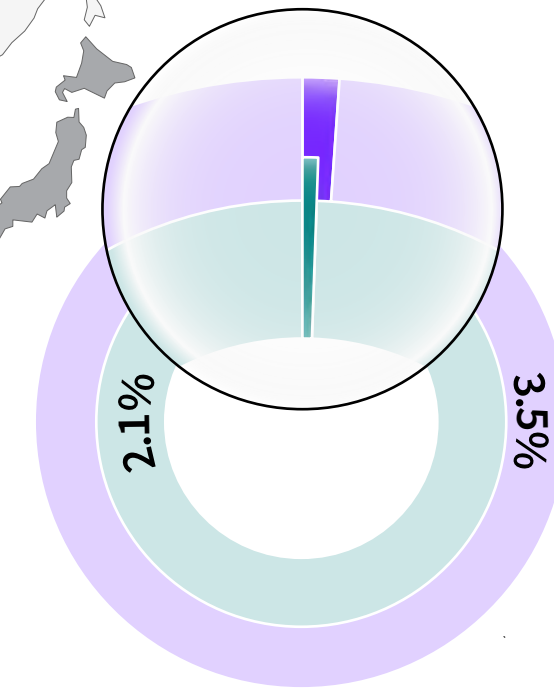
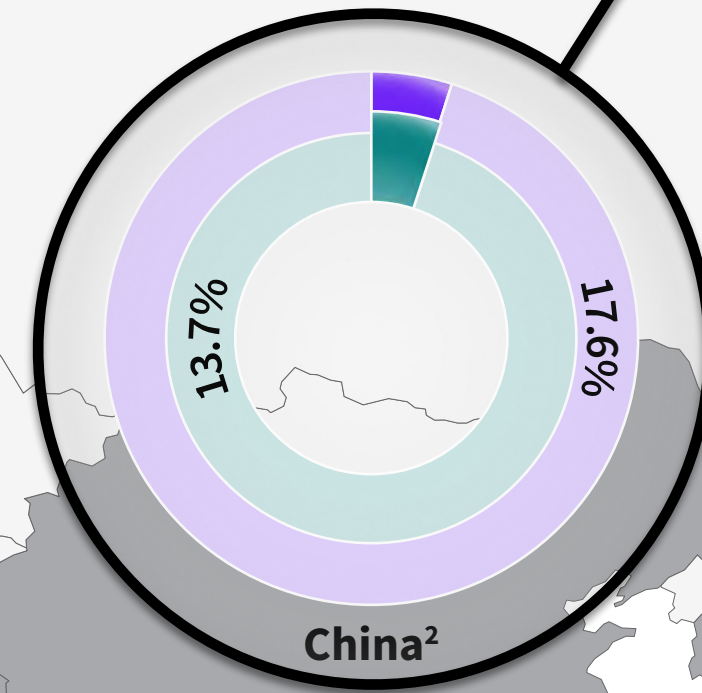
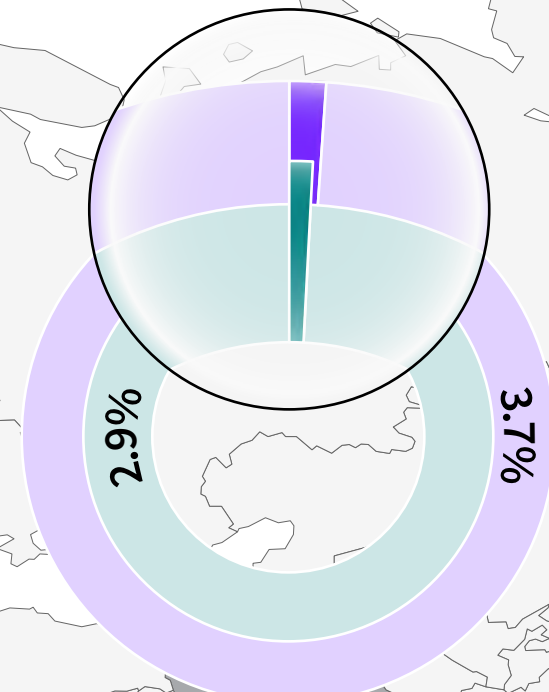
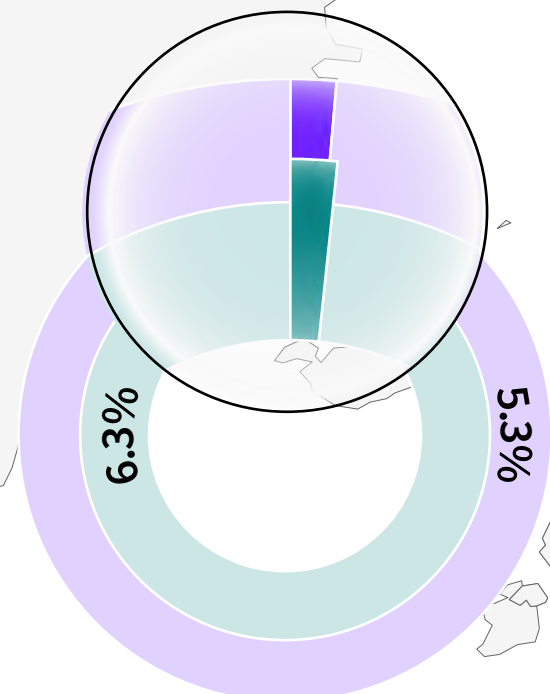
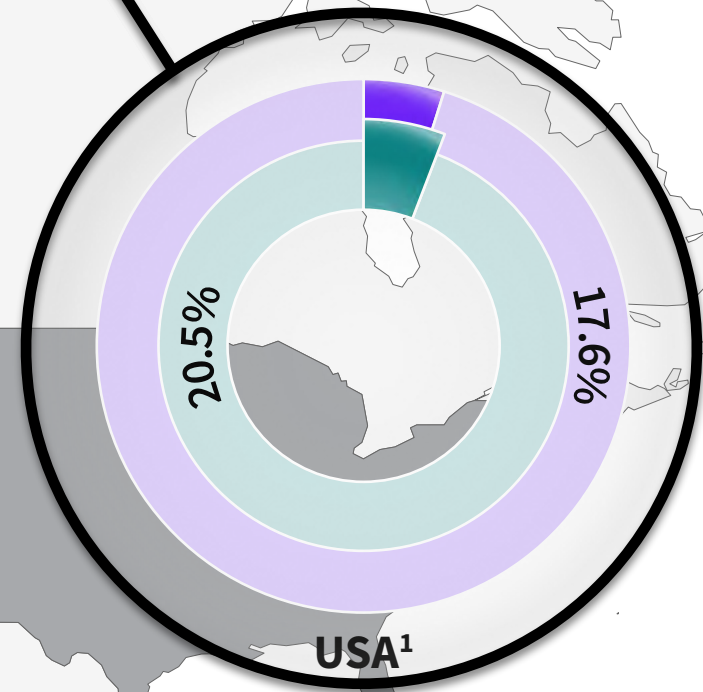
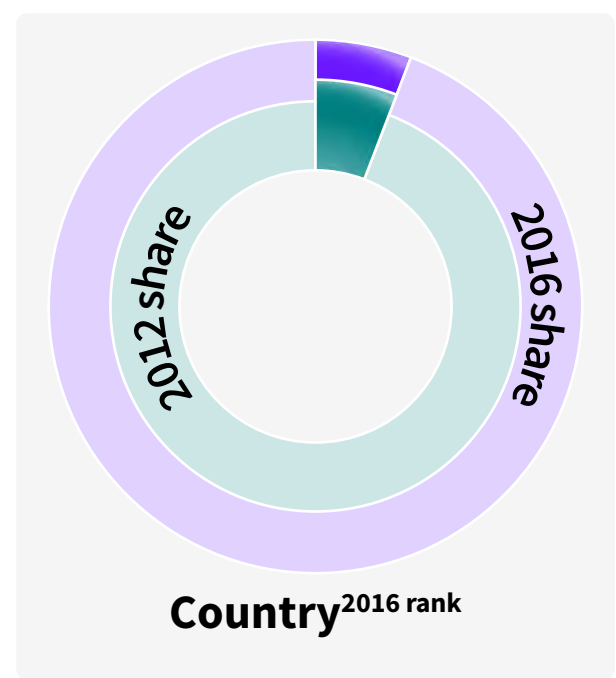
Submission parity

Between US and China in 2017



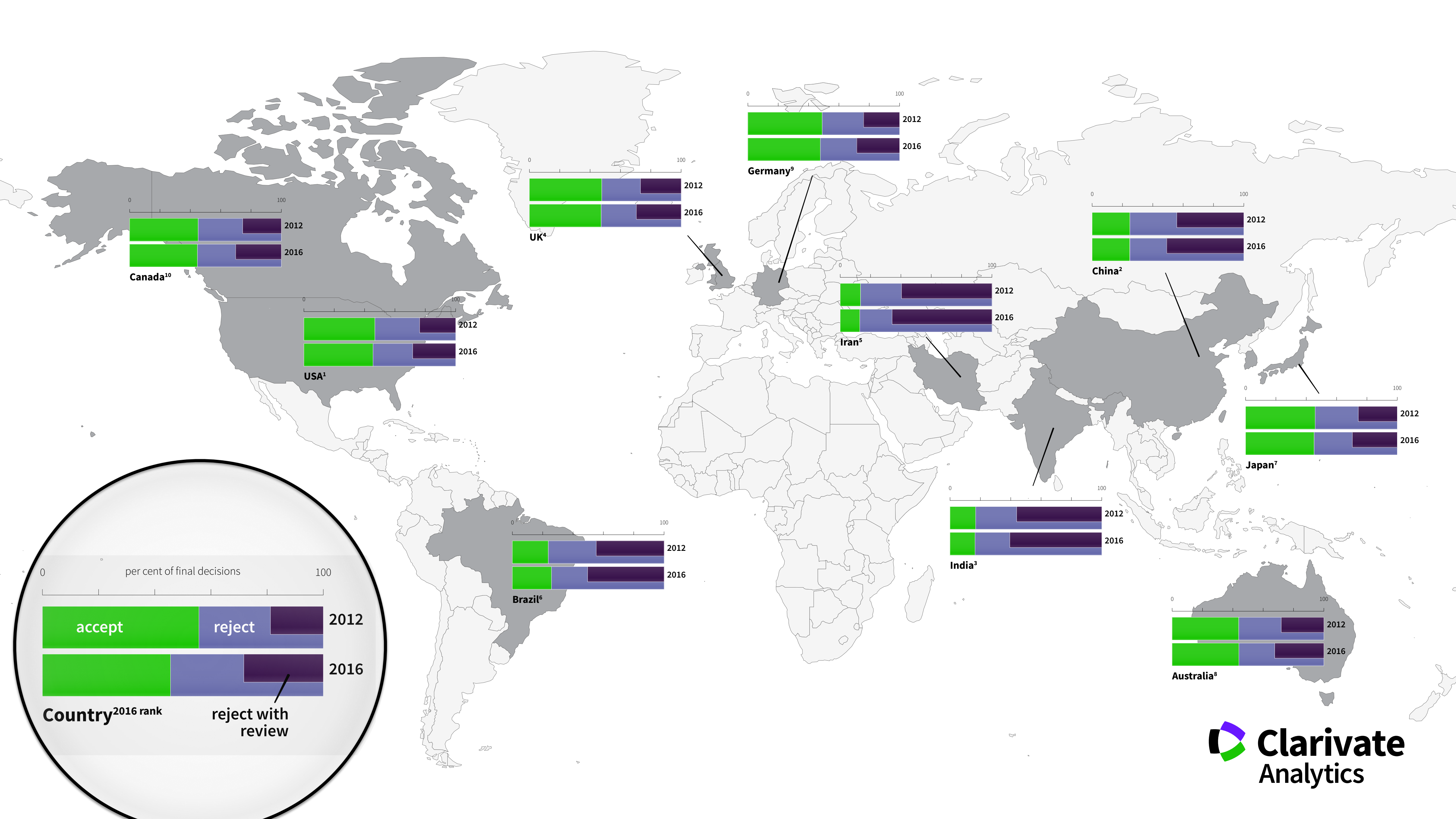
Decline
in proportion of global submissions

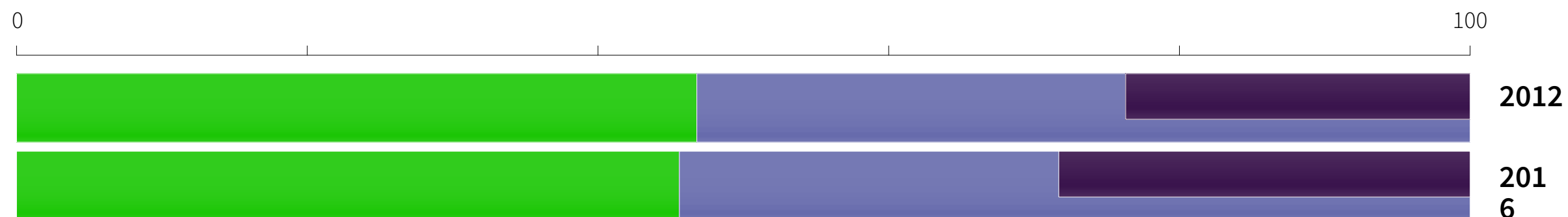
Increase
in proportion of global submissions



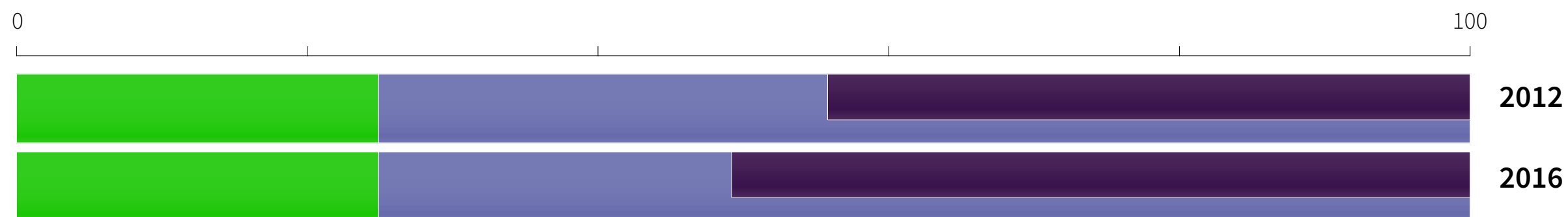
Decision rates by country



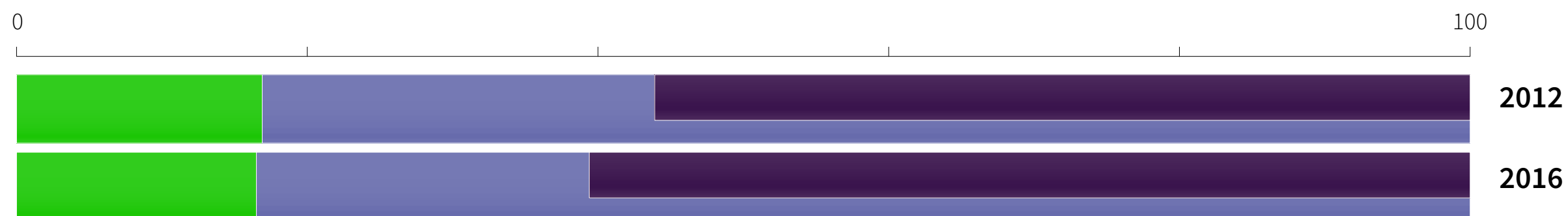




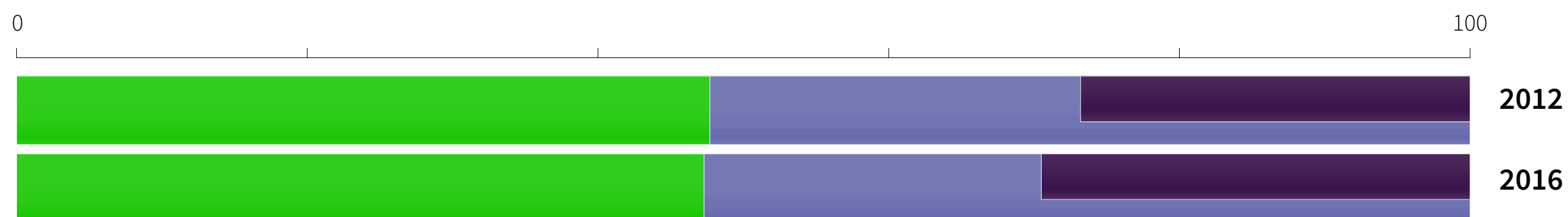
USA¹



China²



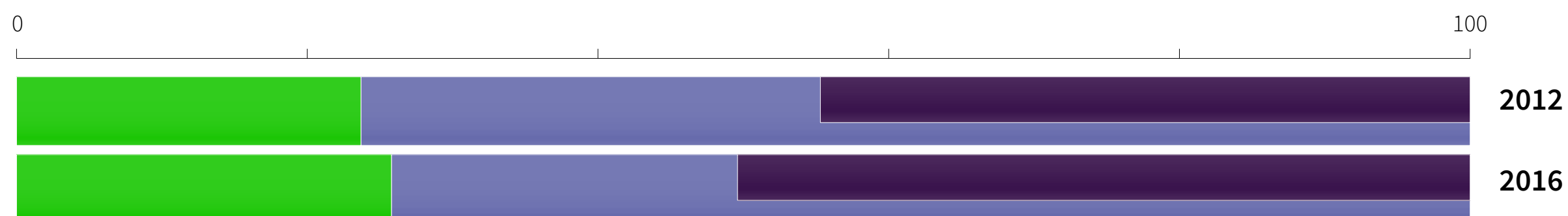
India³



UK⁴



Iran⁵



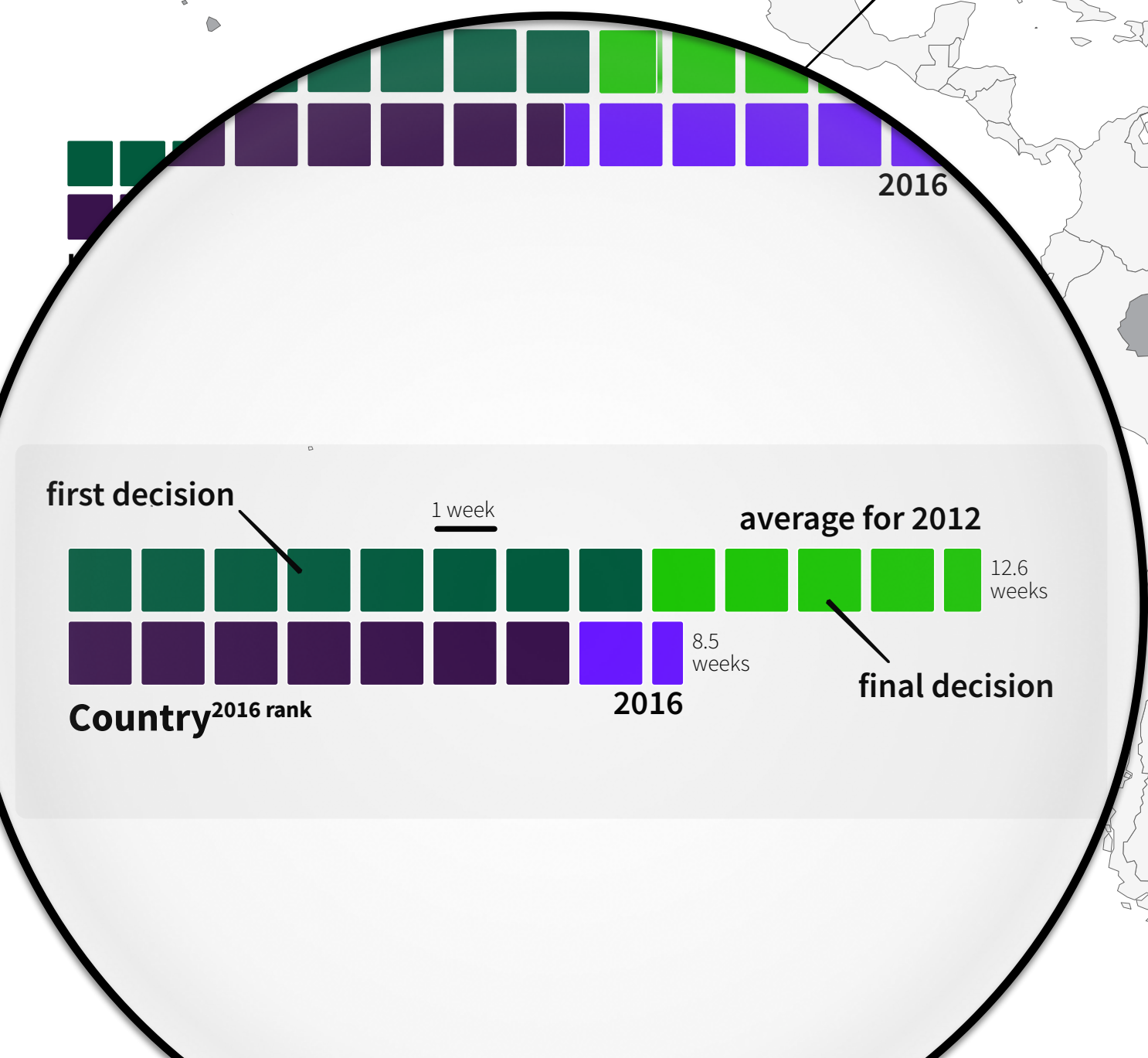
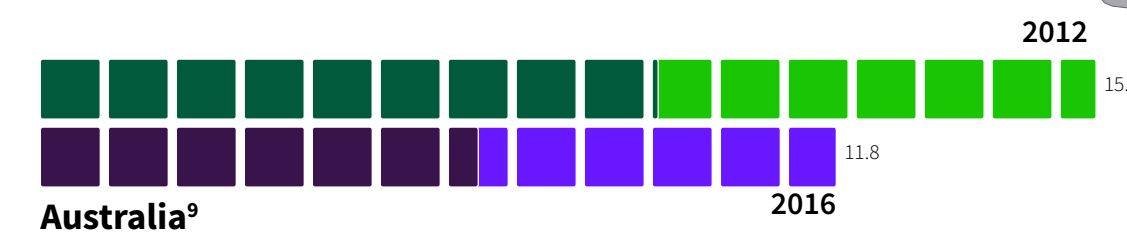
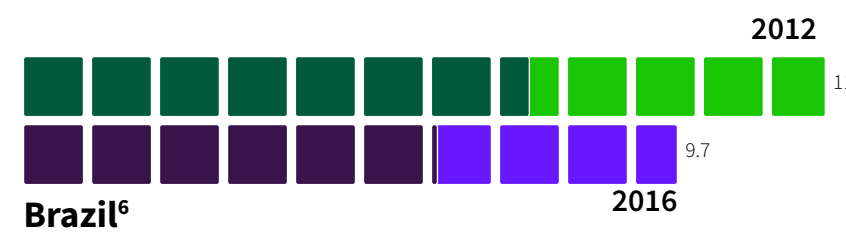
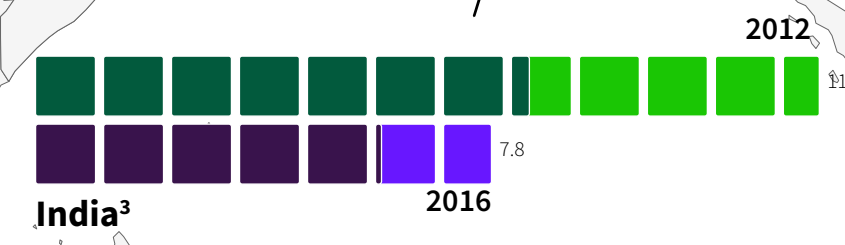
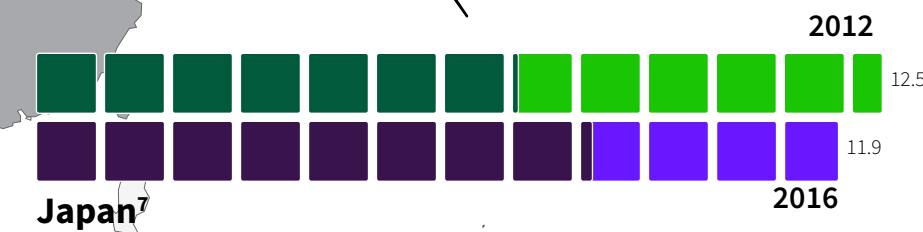
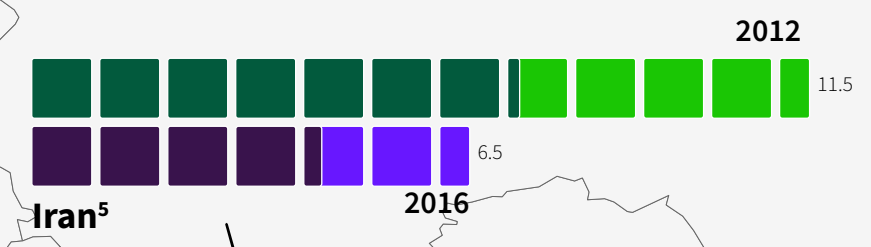
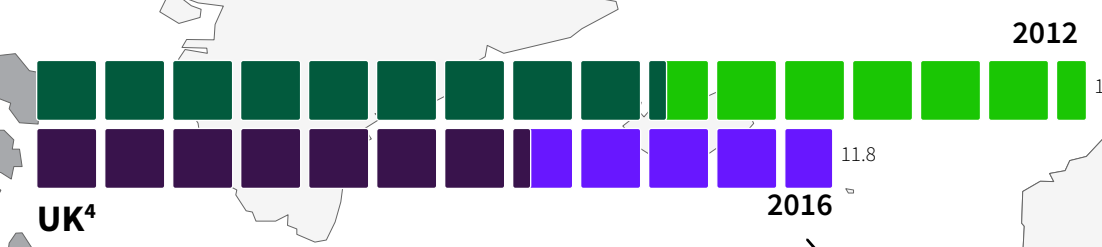
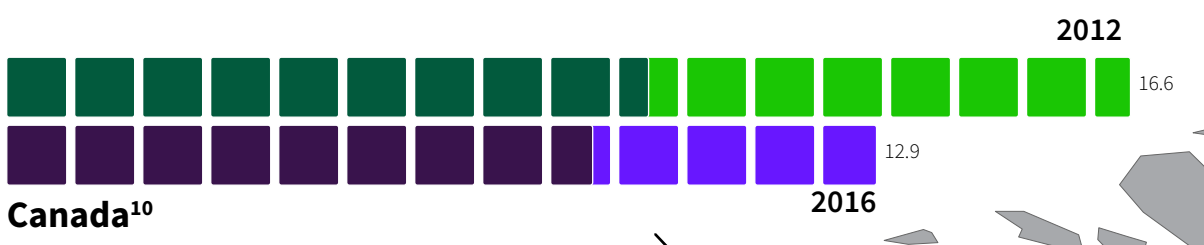
Brazil⁶

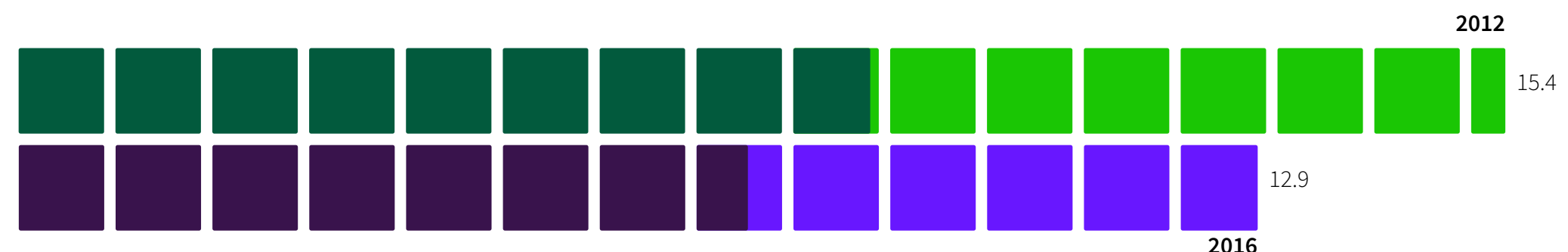
Decision time by country



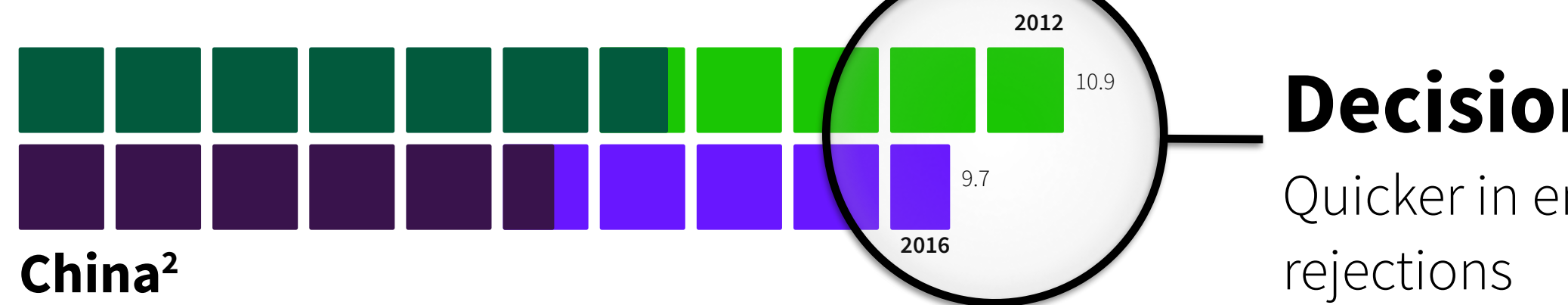
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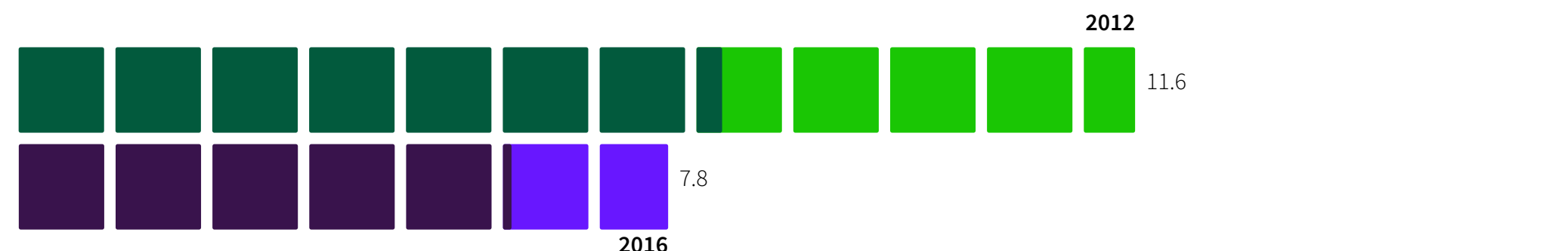
USA¹



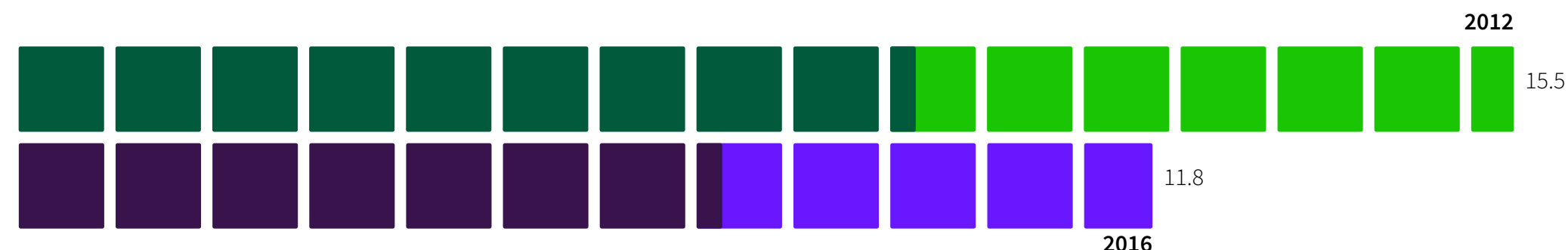
China²

Decision times

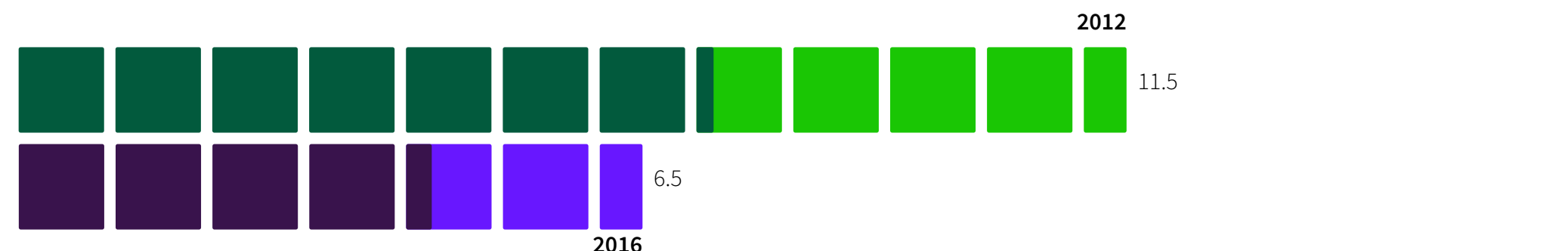
Quicker in emerging regions — the effect of immediate rejections



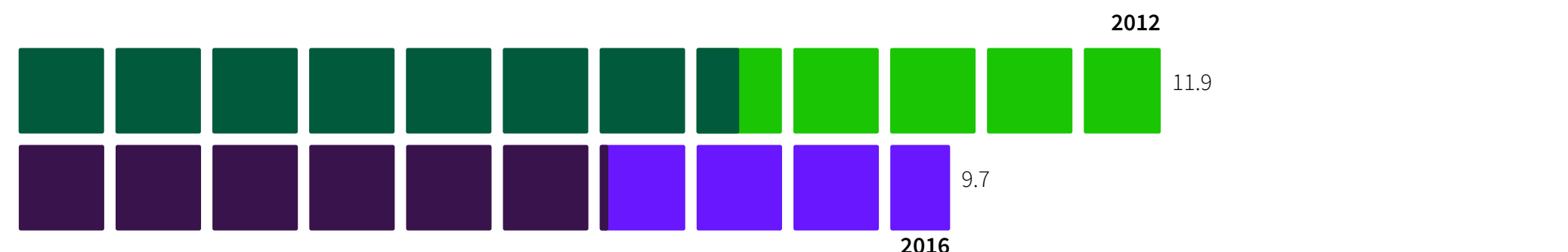
India³



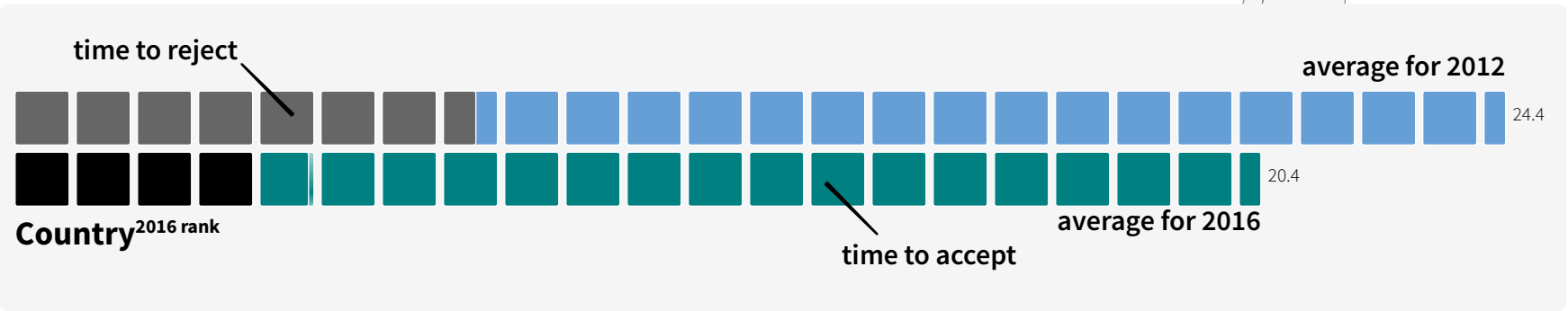
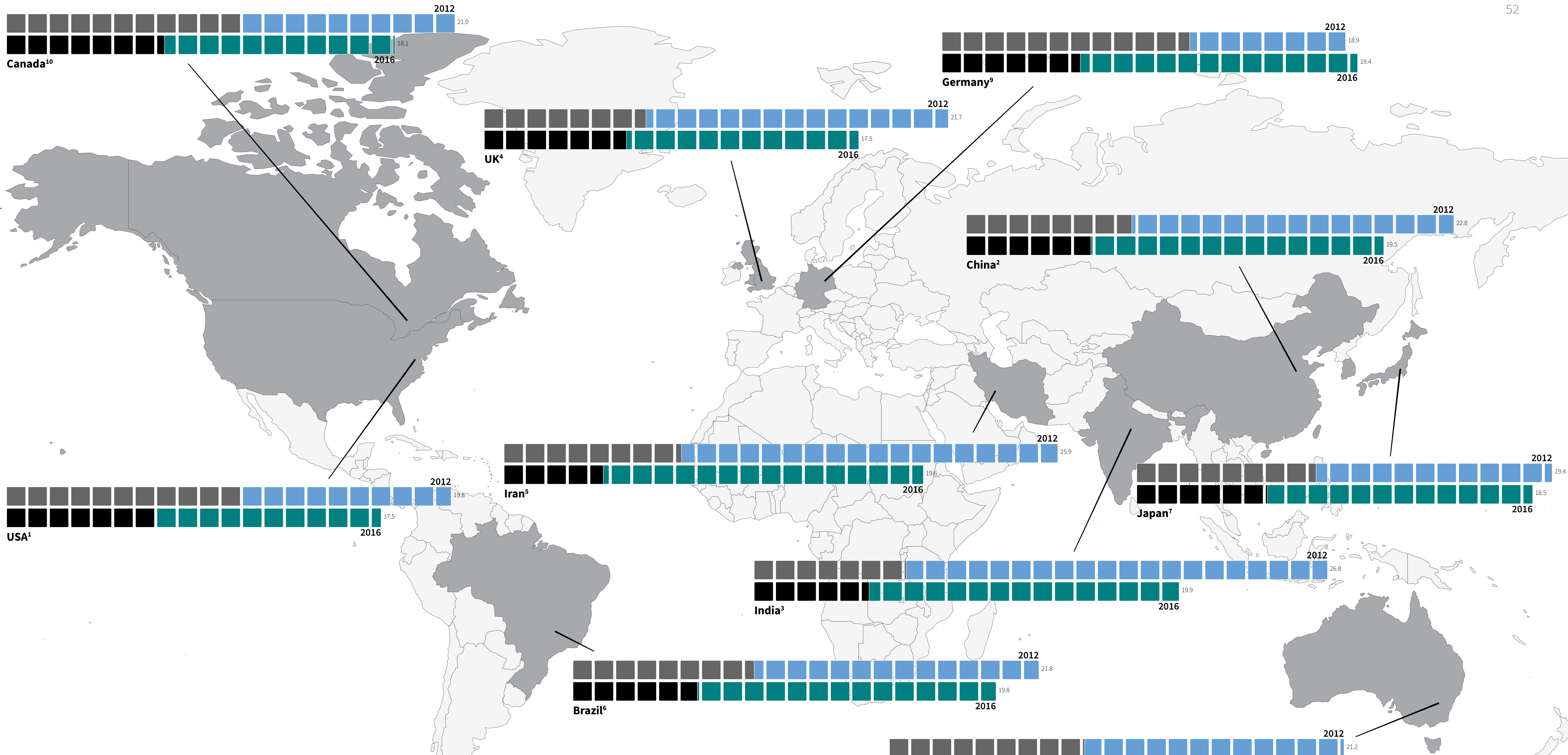
UK⁴

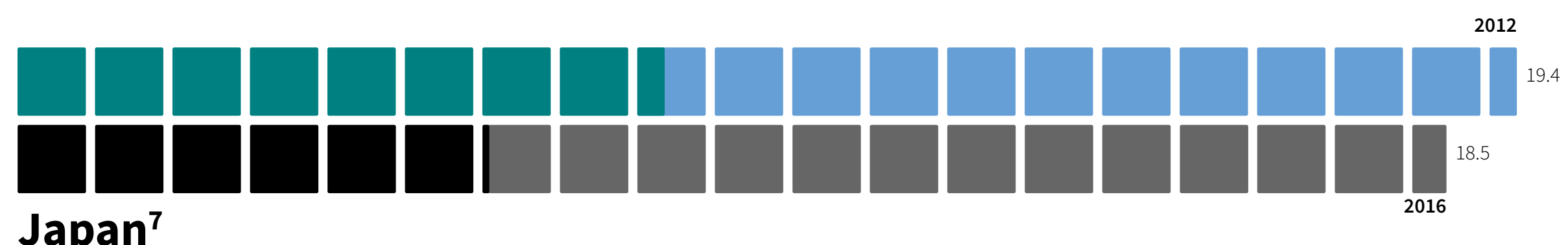
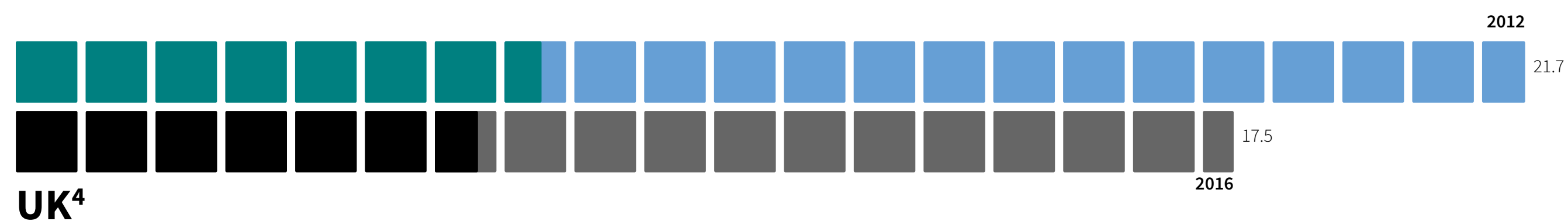
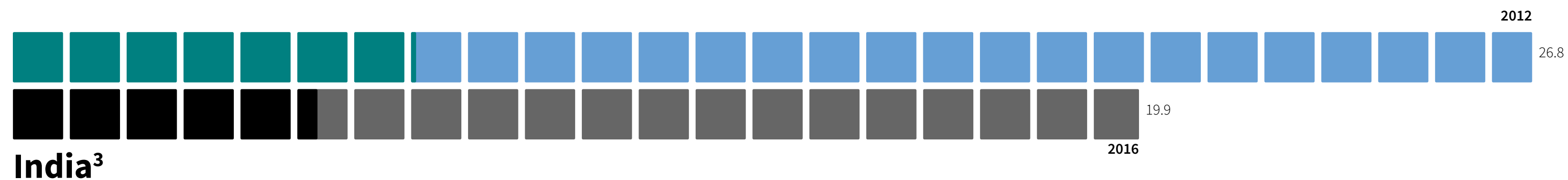
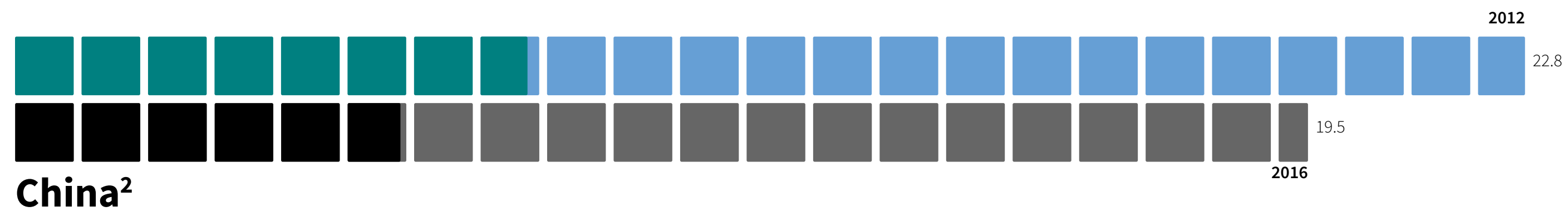


Iran⁵



Brazil⁶



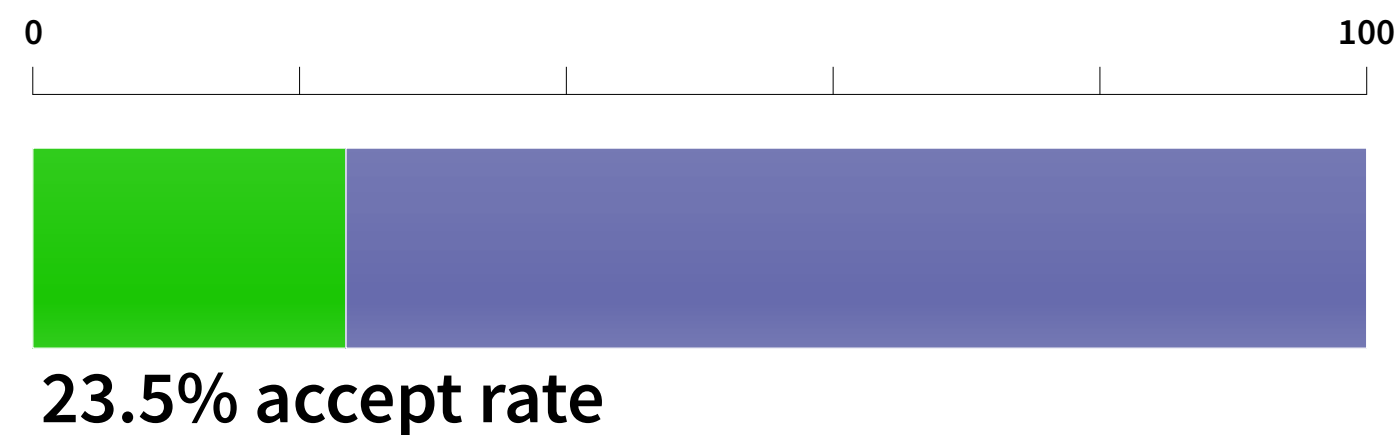
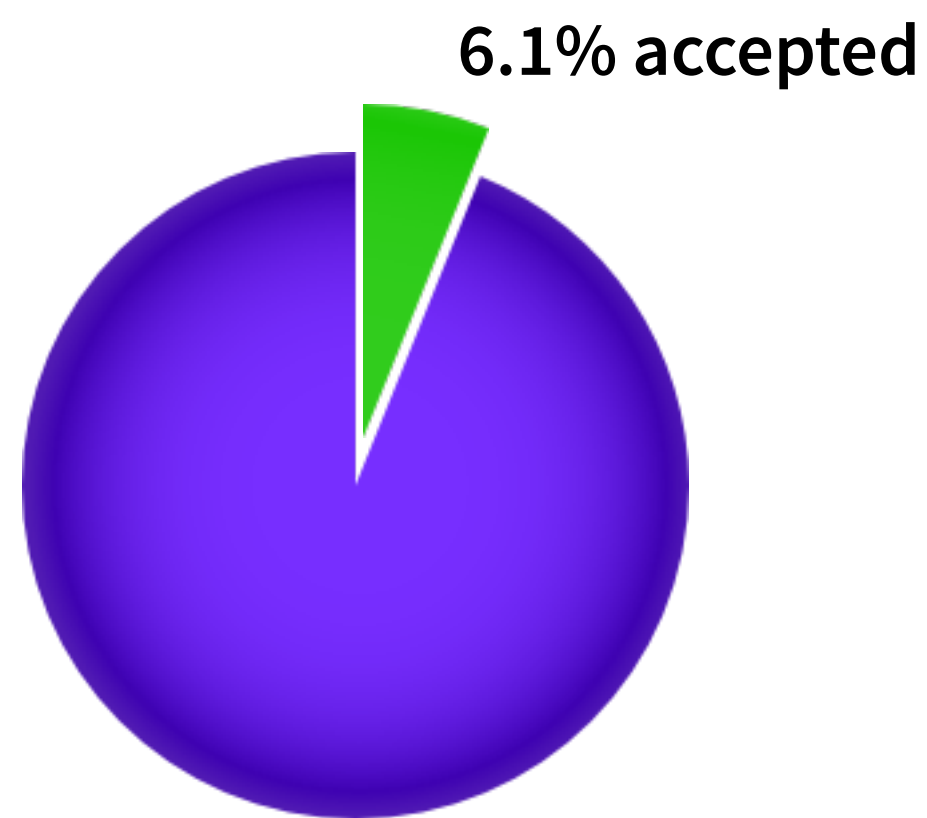
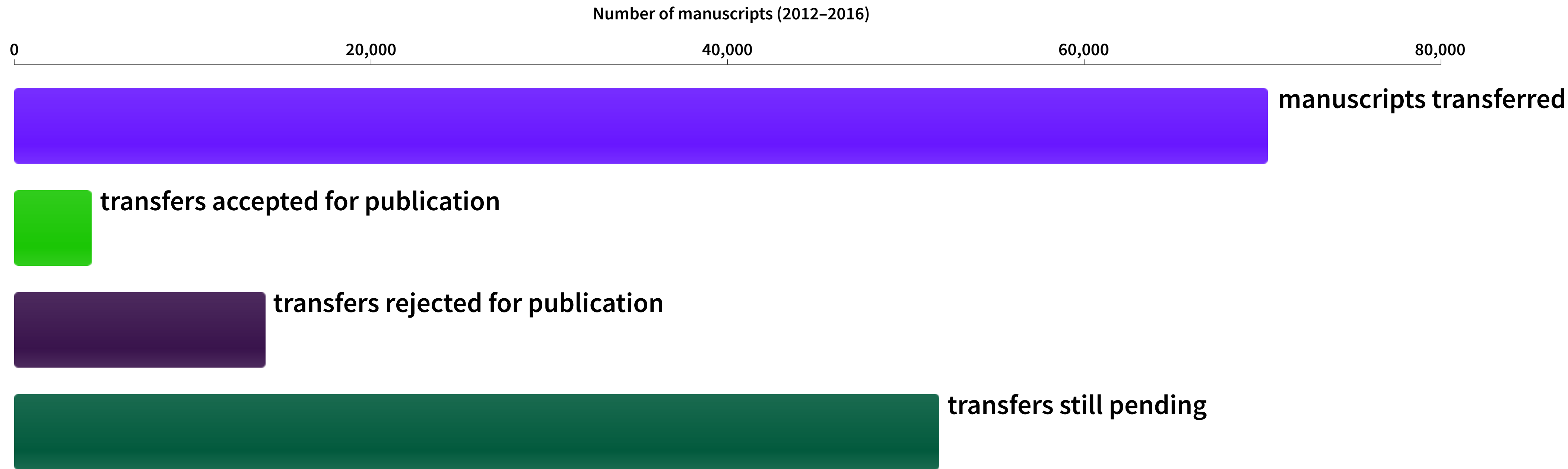


Inter-journal transfer



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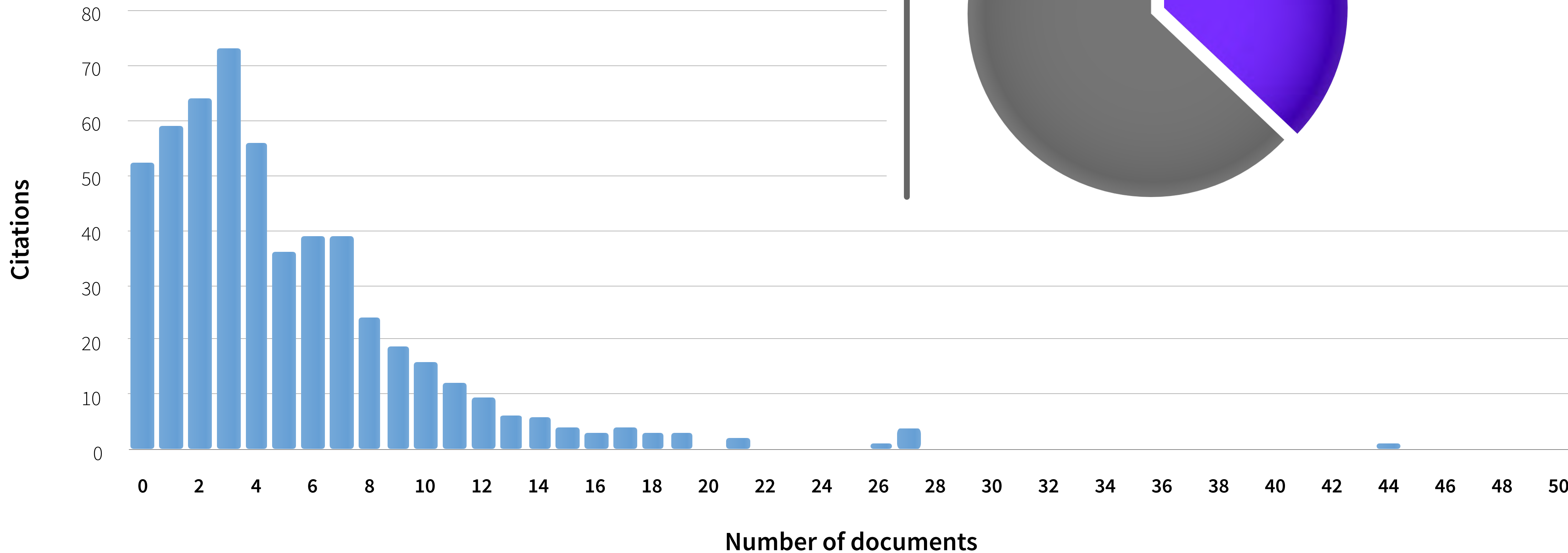
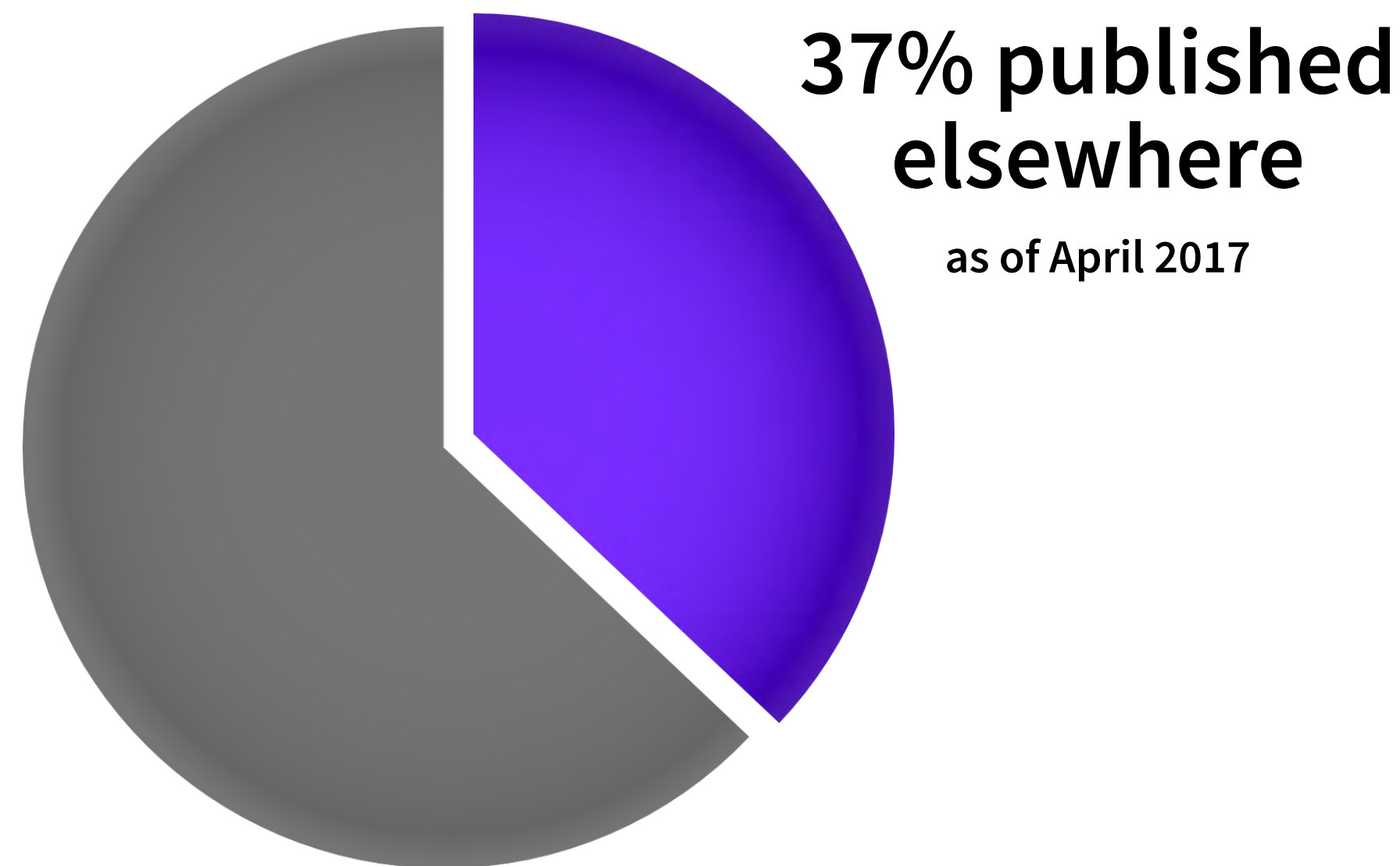
The fate of rejected manuscripts



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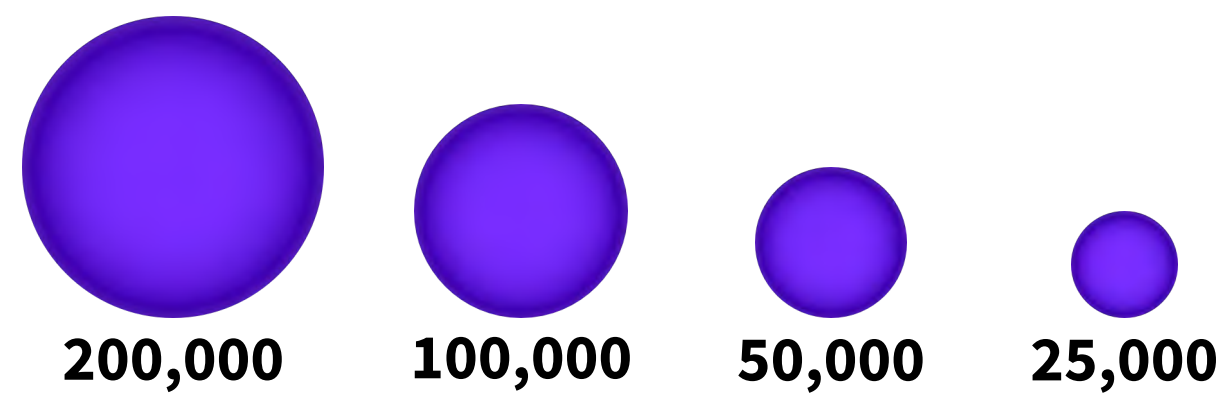
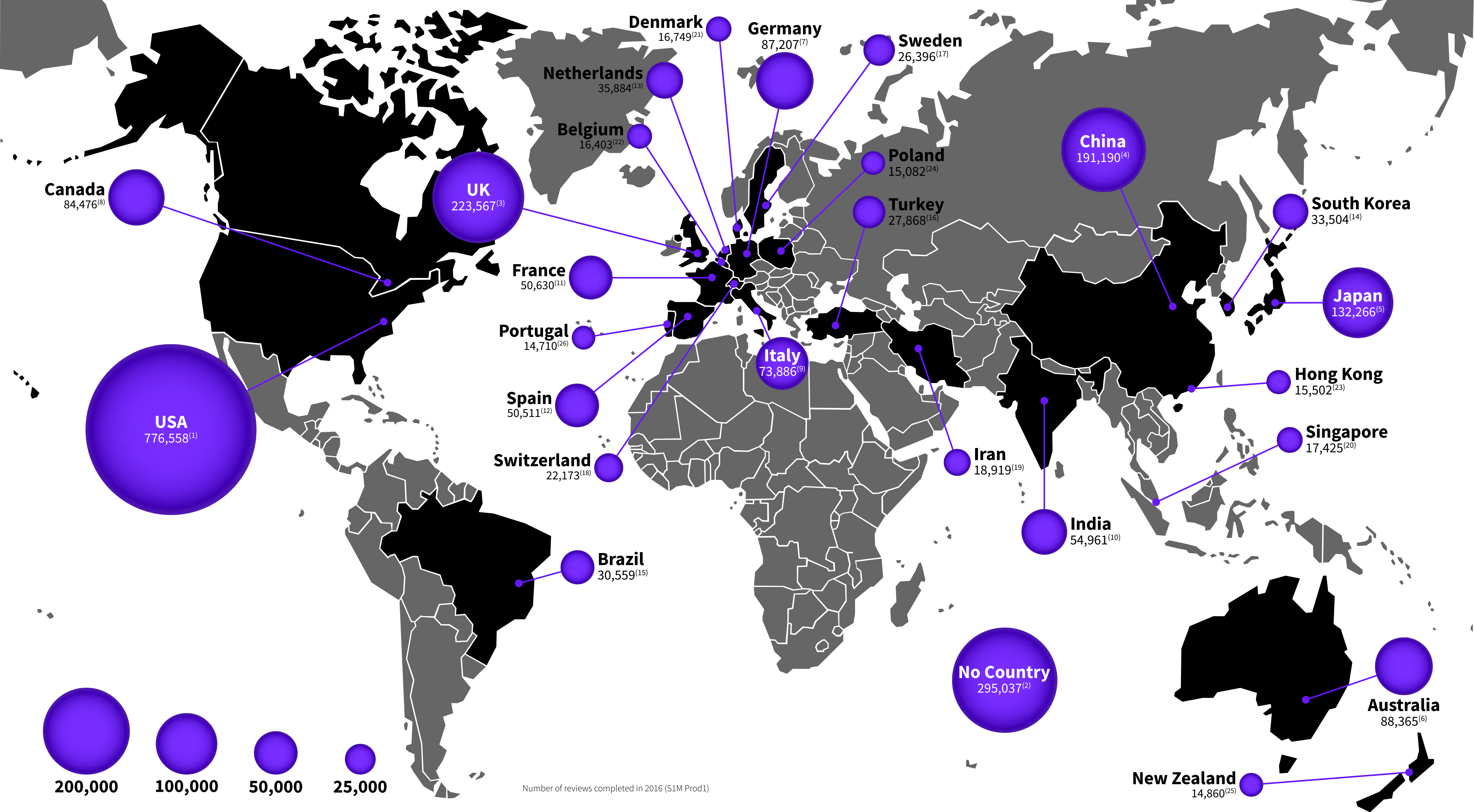
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cohort of
rejections
2014-2016



Reviewer demographics

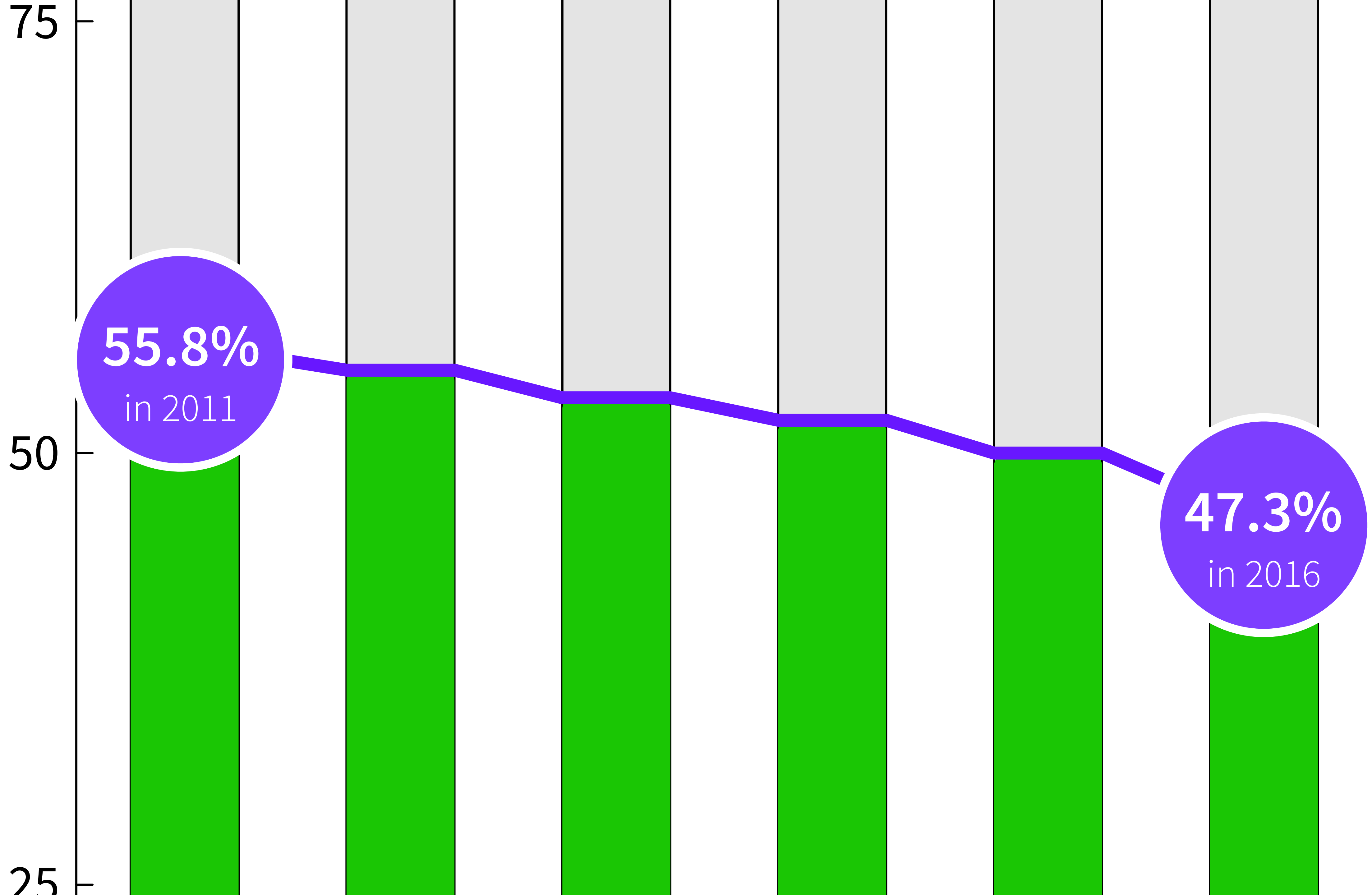


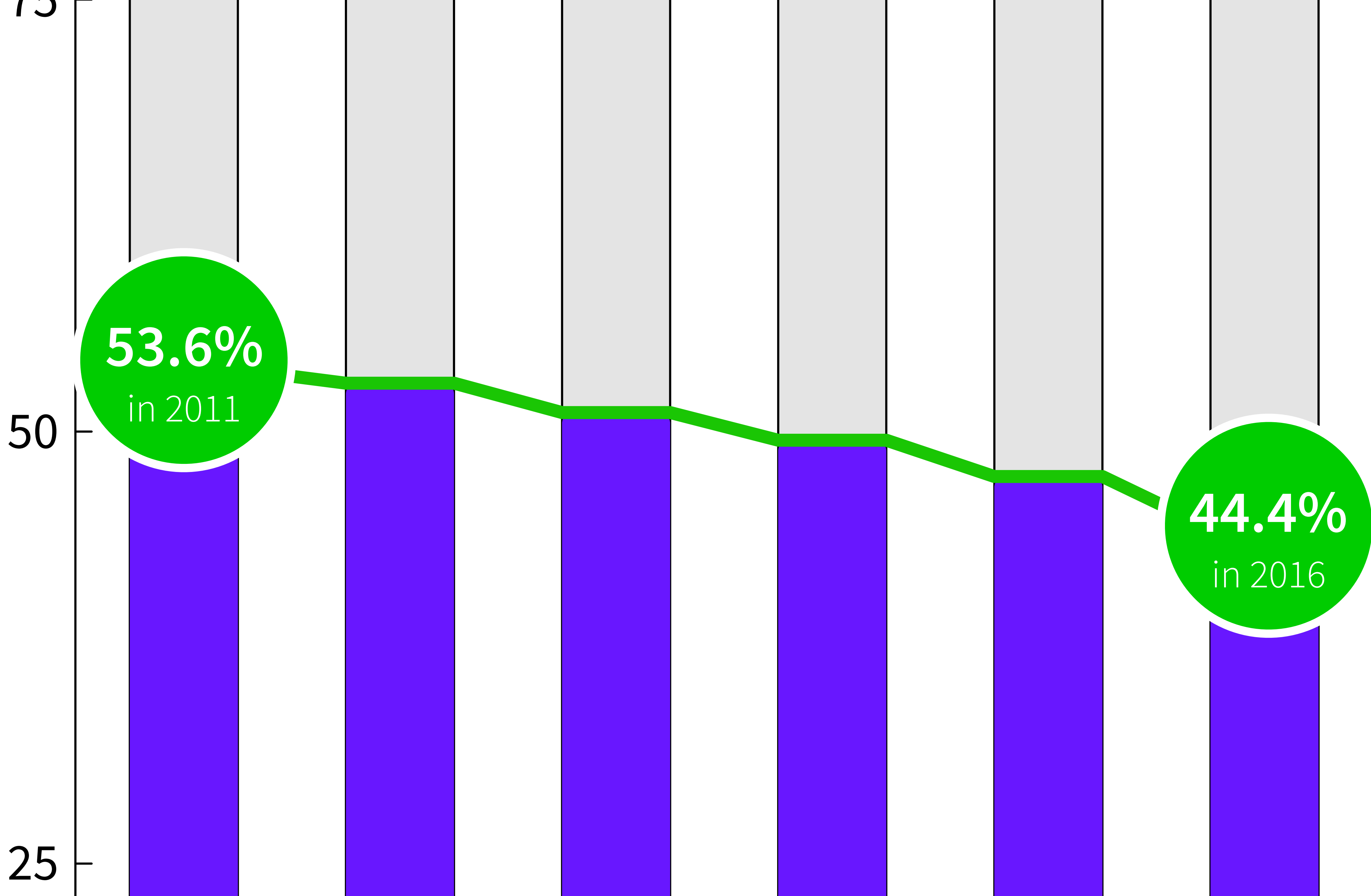


Number of reviews completed in 2016 (S1M Prod1)

Country	Number of reviews
USA	776,558 ⁽¹⁾
Canada	84,476 ⁽⁸⁾
UK	223,567 ⁽³⁾
France	50,630 ⁽¹¹⁾
Spain	50,511 ⁽¹²⁾
Switzerland	22,173 ⁽¹⁸⁾
Brazil	30,559 ⁽¹⁵⁾
Italy	73,886 ⁽⁹⁾
Germany	87,207 ⁽⁷⁾
Denmark	16,749 ⁽²¹⁾
Netherlands	35,884 ⁽¹³⁾
Belgium	16,403 ⁽²²⁾
Sweden	26,396 ⁽¹⁷⁾
Poland	15,082 ⁽²⁴⁾
Turkey	27,868 ⁽¹⁶⁾
China	191,190 ⁽⁴⁾
India	54,961 ⁽¹⁰⁾
Iran	18,919 ⁽¹⁹⁾
South Korea	33,504 ⁽¹⁴⁾
Japan	132,266 ⁽⁵⁾
Hong Kong	15,502 ⁽²³⁾
Singapore	17,425 ⁽²⁰⁾
Australia	88,365 ⁽⁶⁾
New Zealand	14,860 ⁽²⁵⁾
No Country	295,037 ⁽²⁾

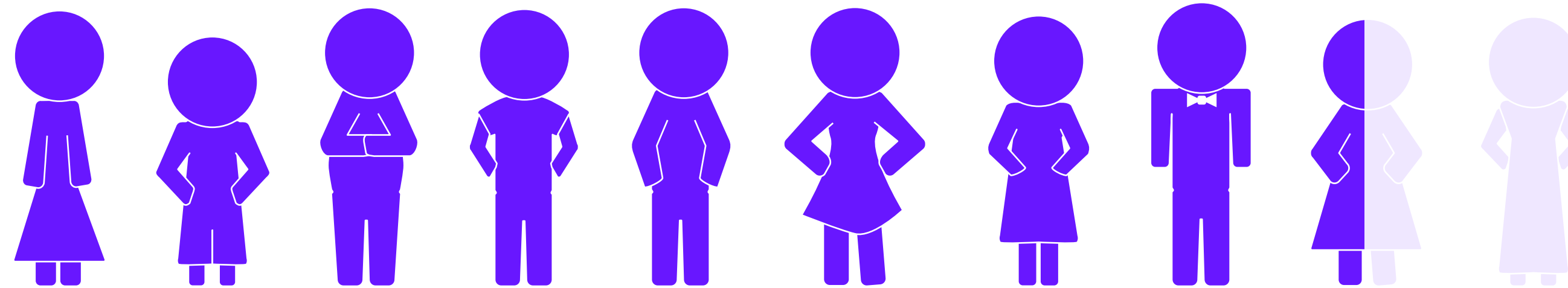
How many reviewers are needed?





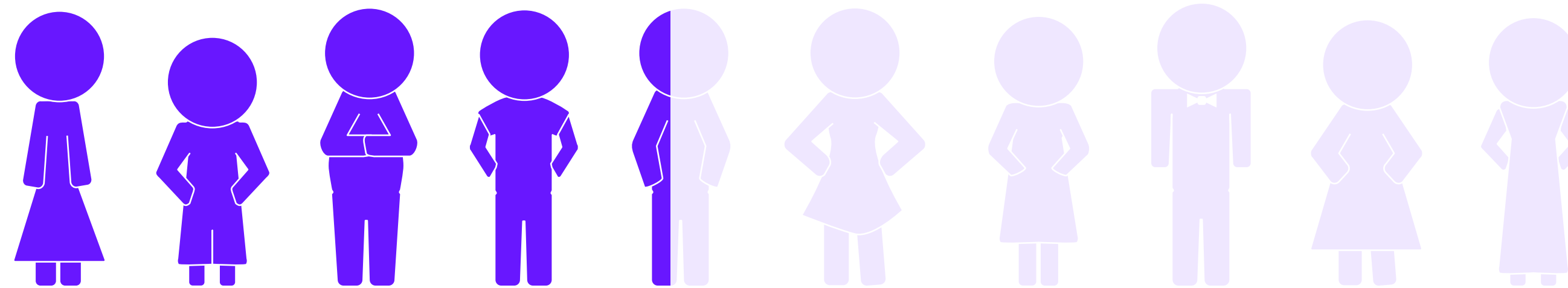
For every **10** reviewers selected...

8.5



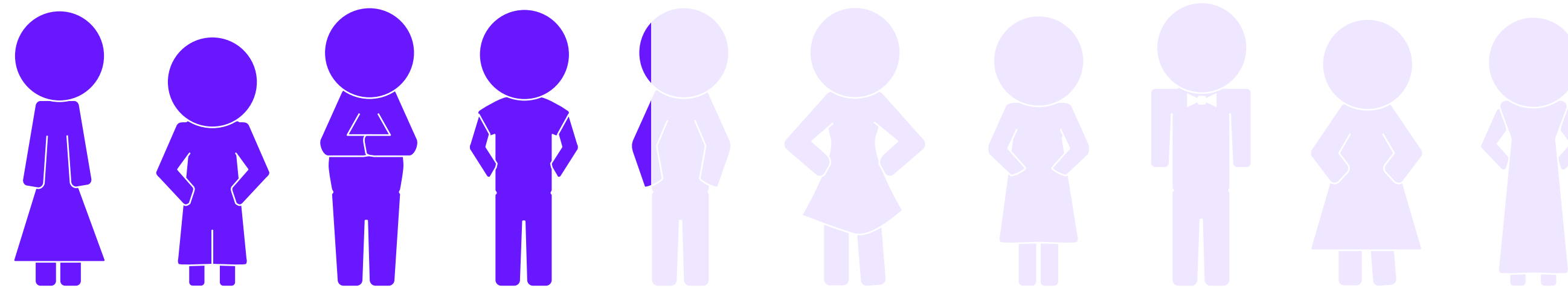
were invited

4.4

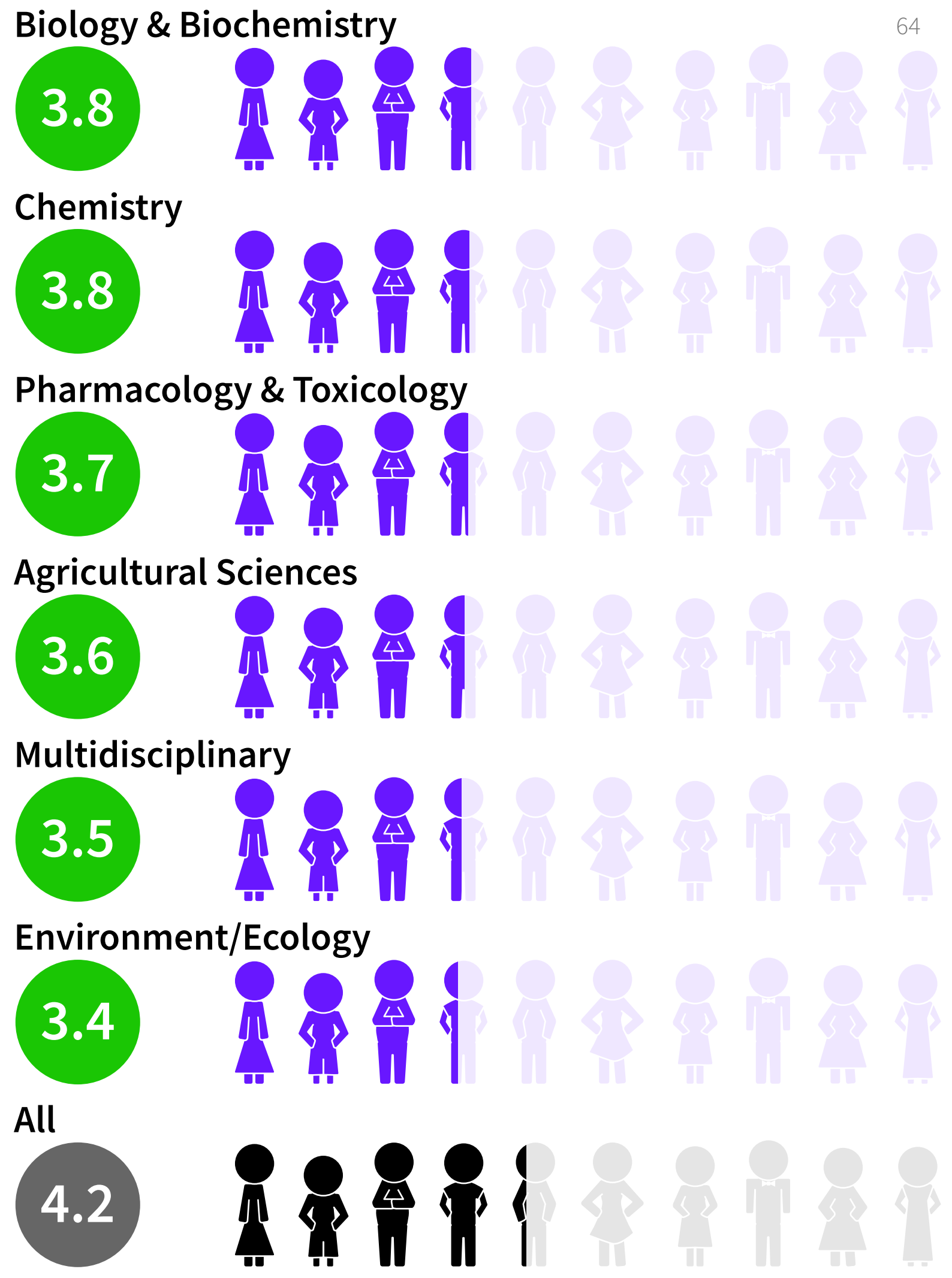
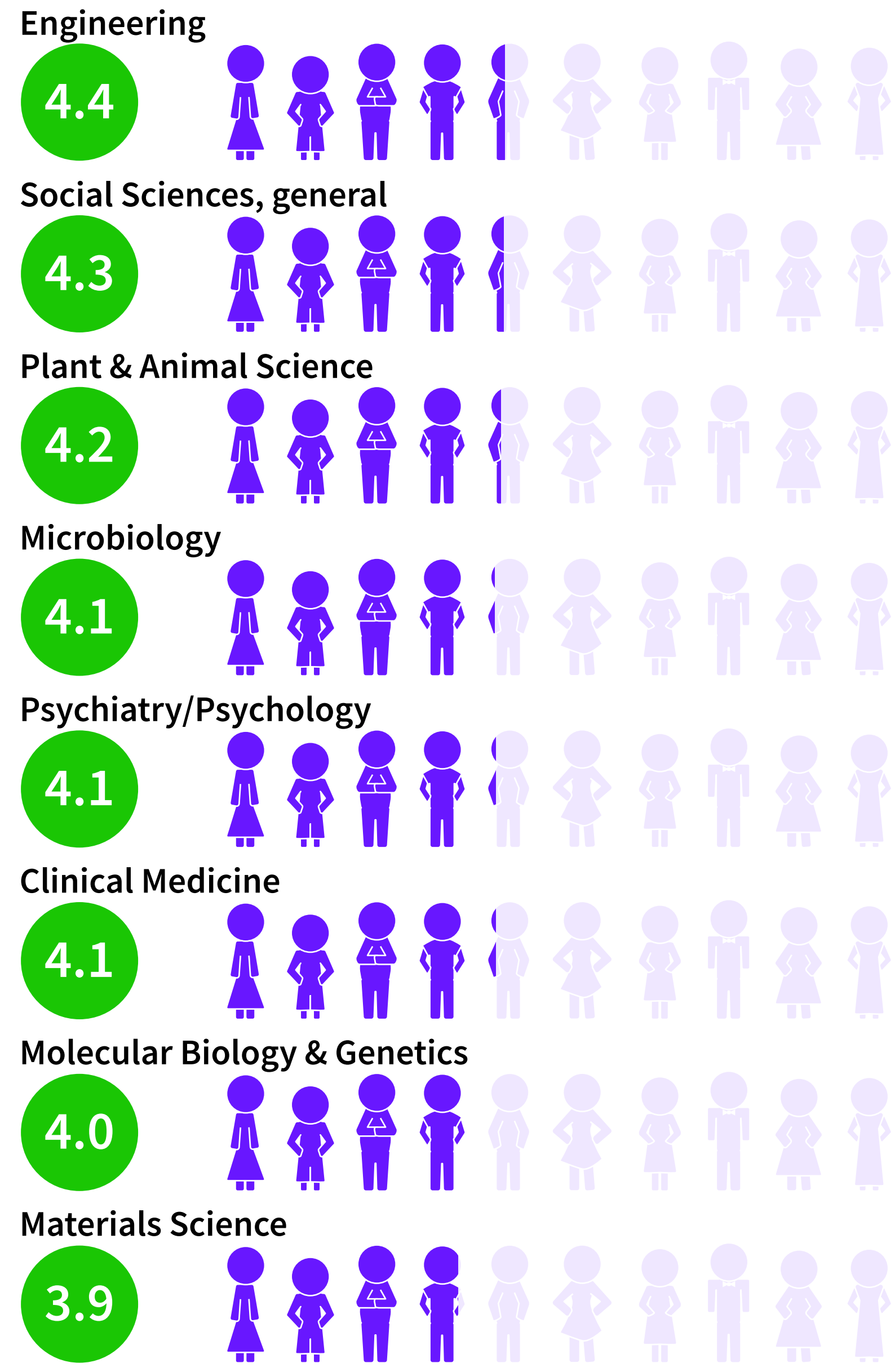
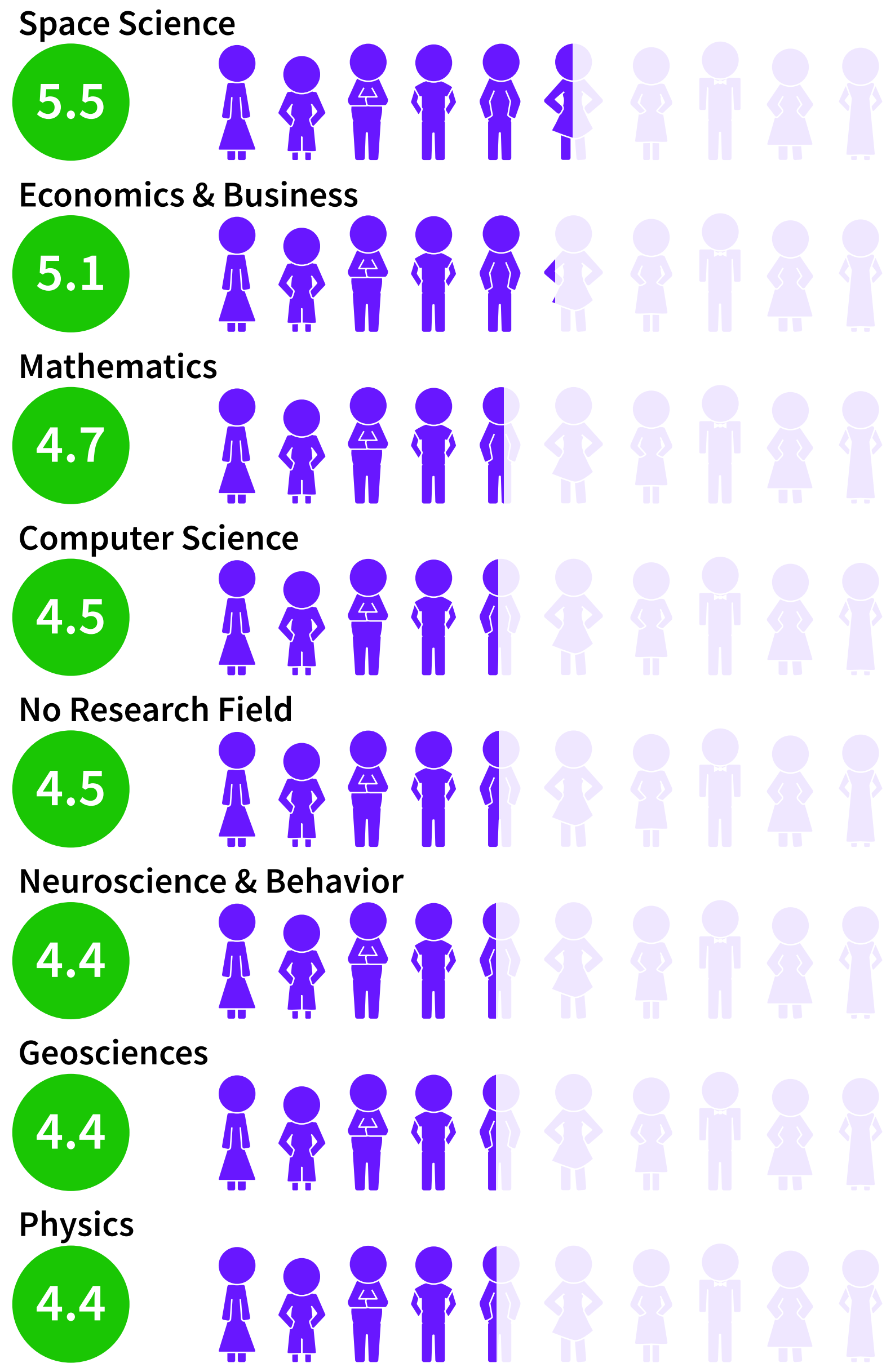


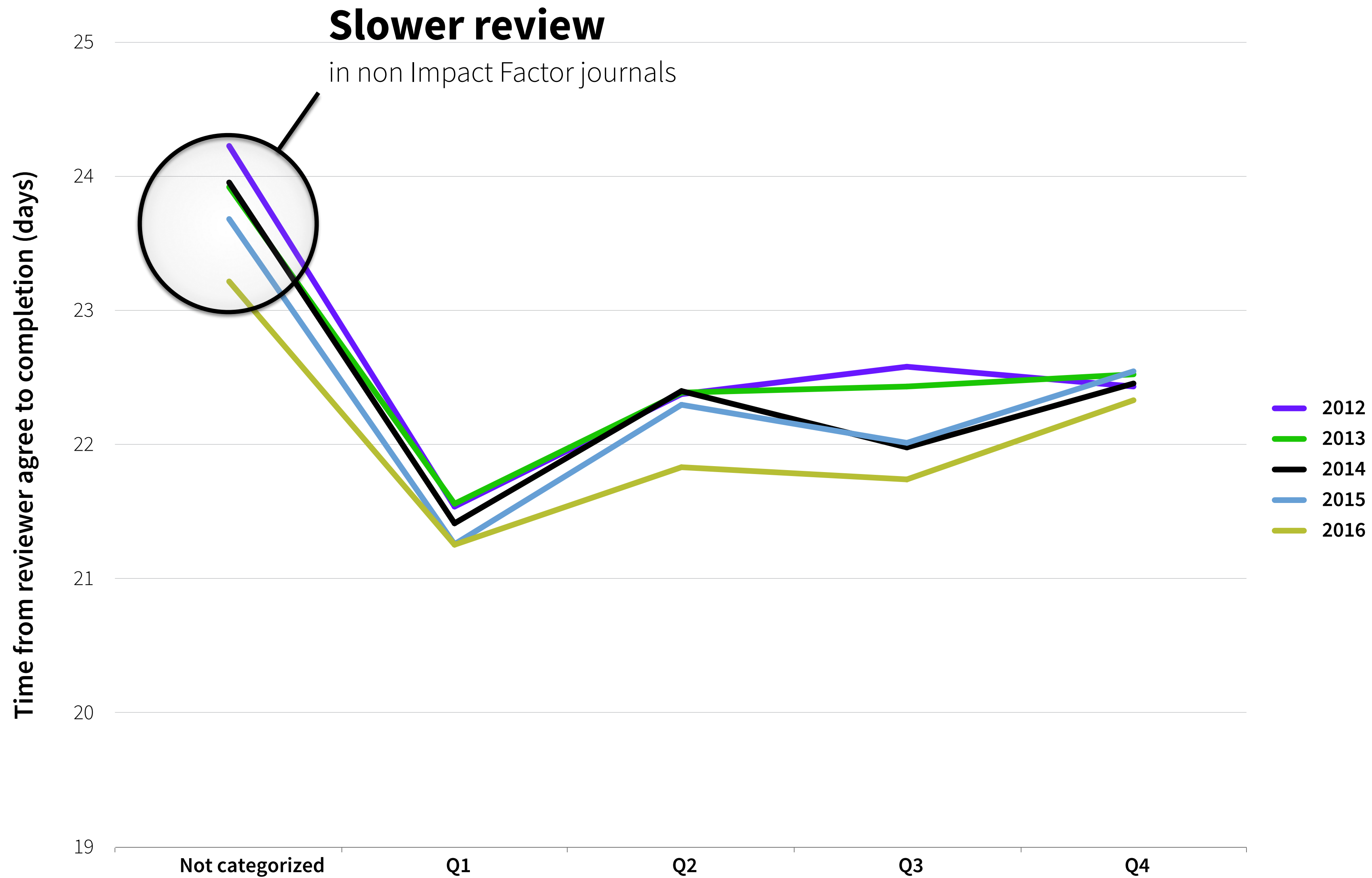
agreed to review

4.2



completed their review

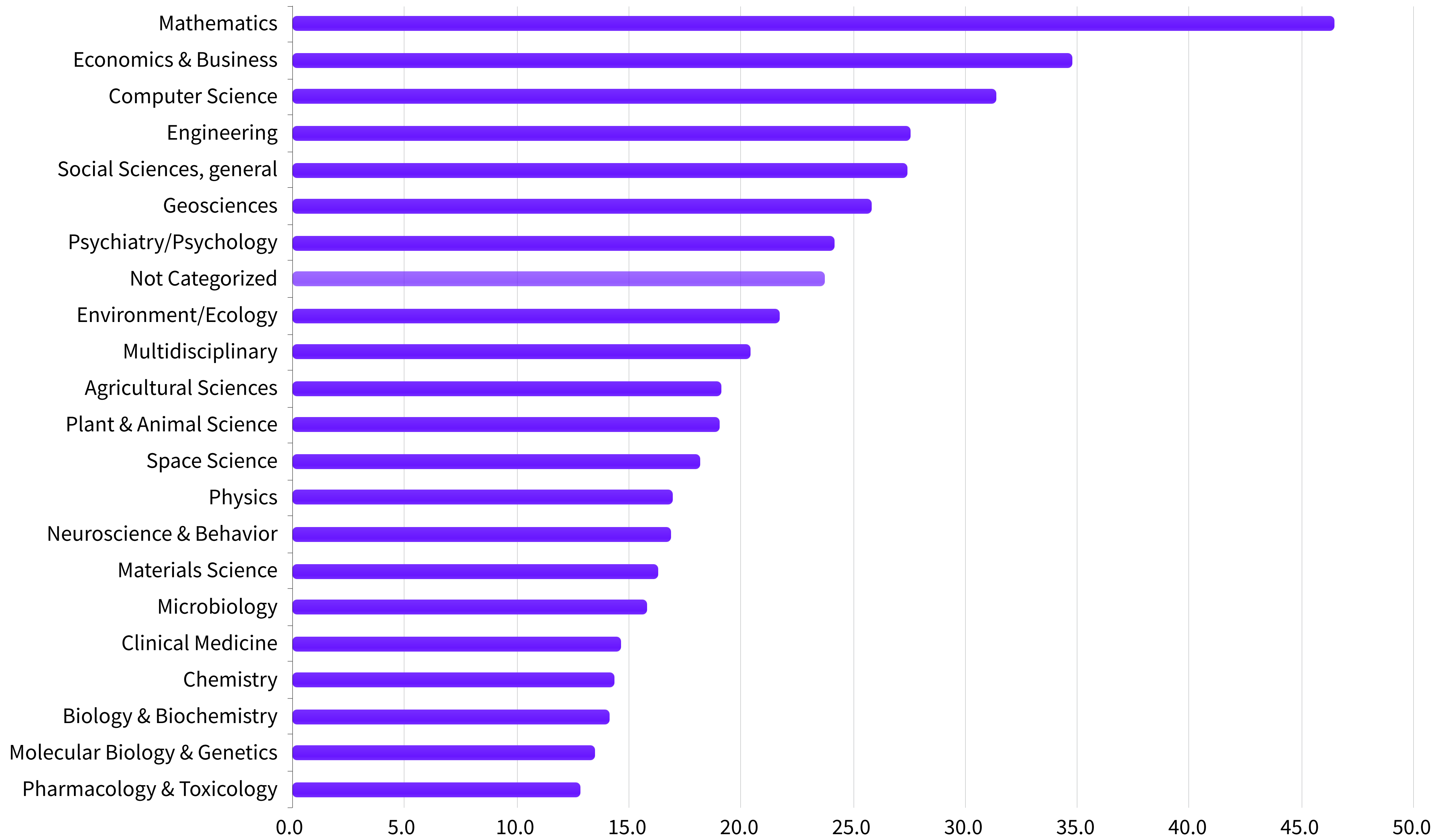




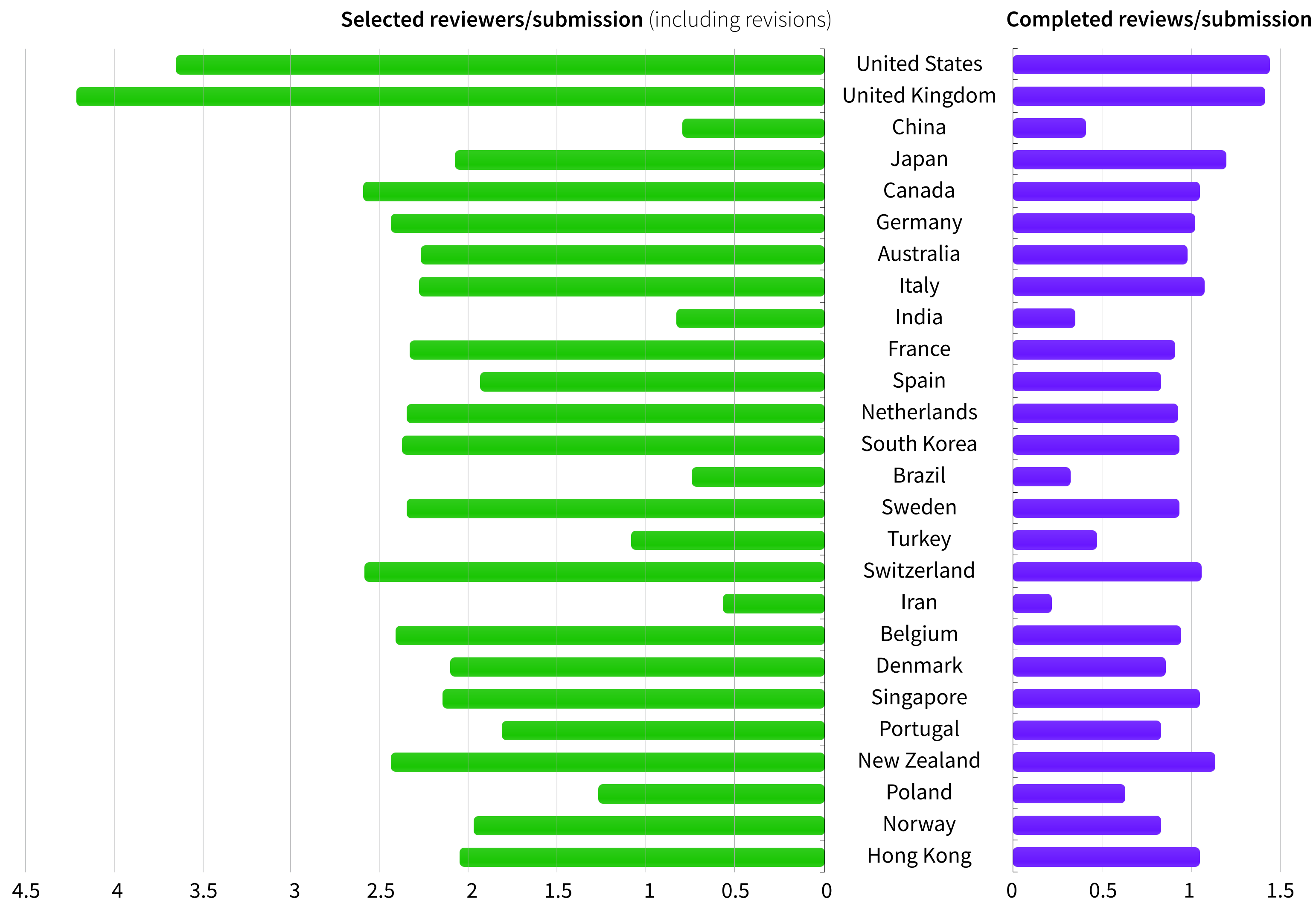
How quickly do they review?

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Which demographics contribute?

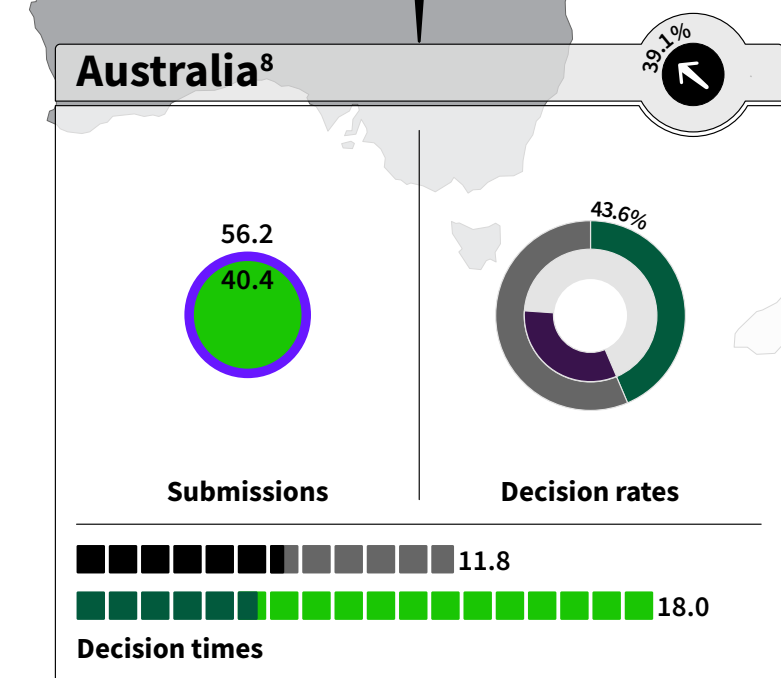
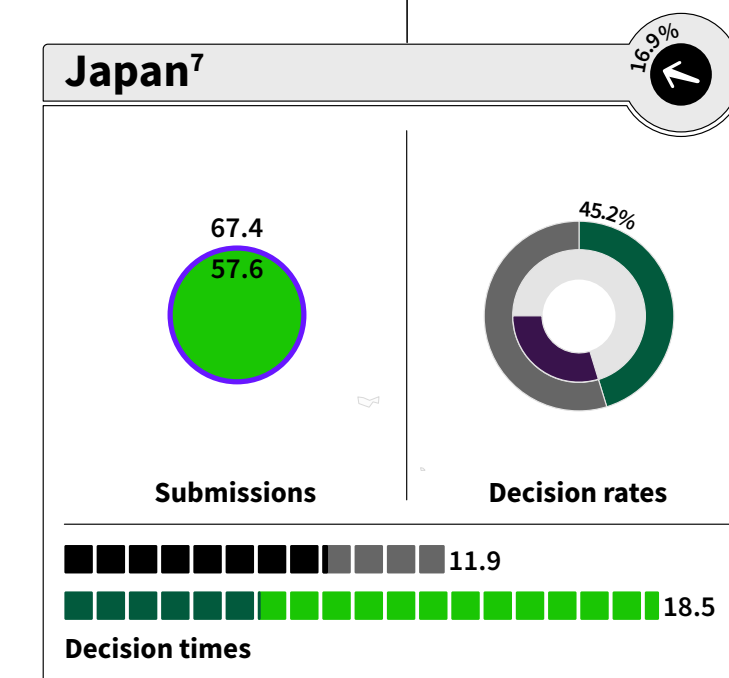
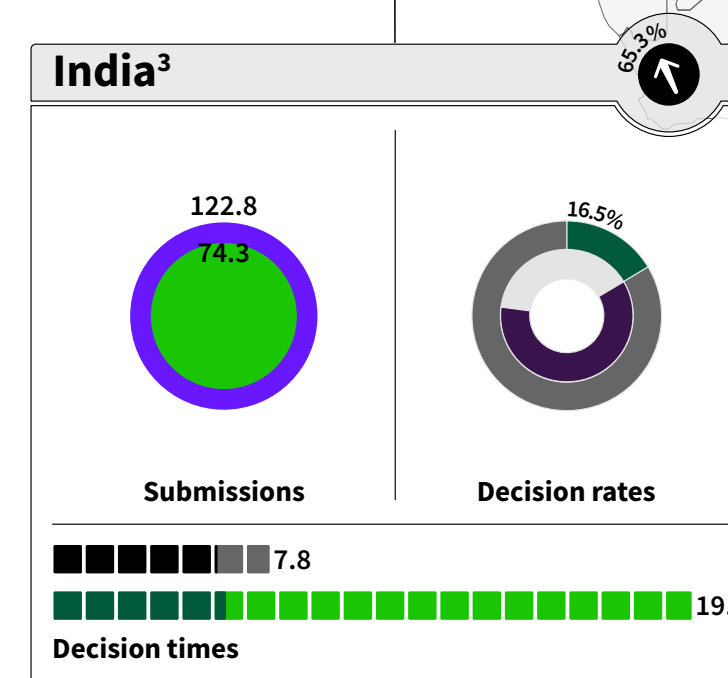
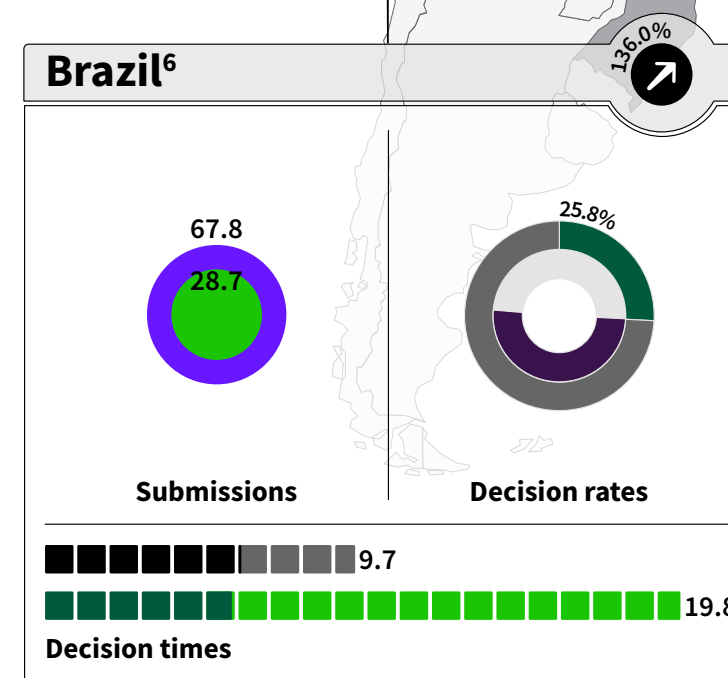
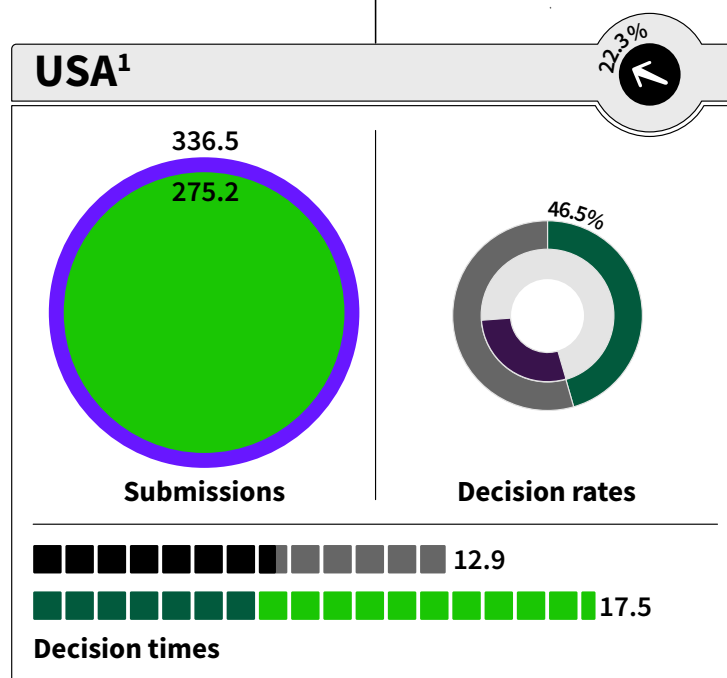
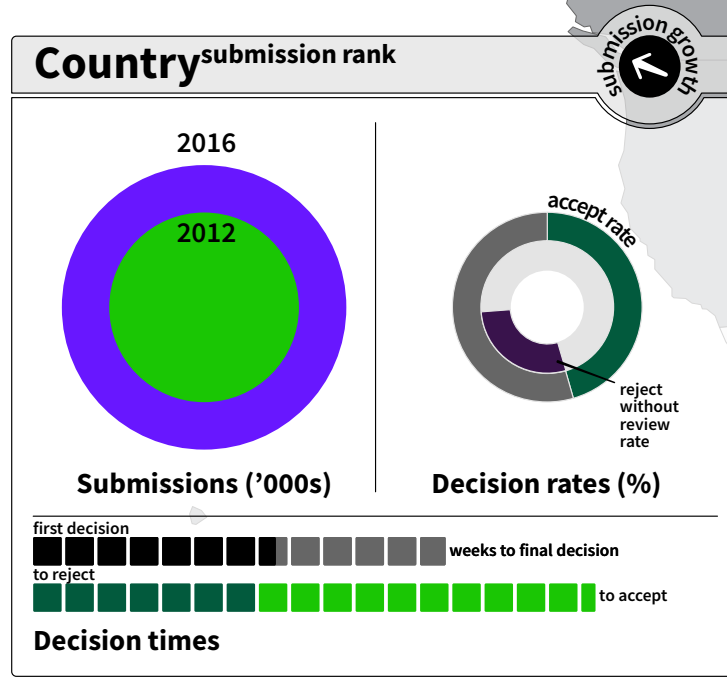
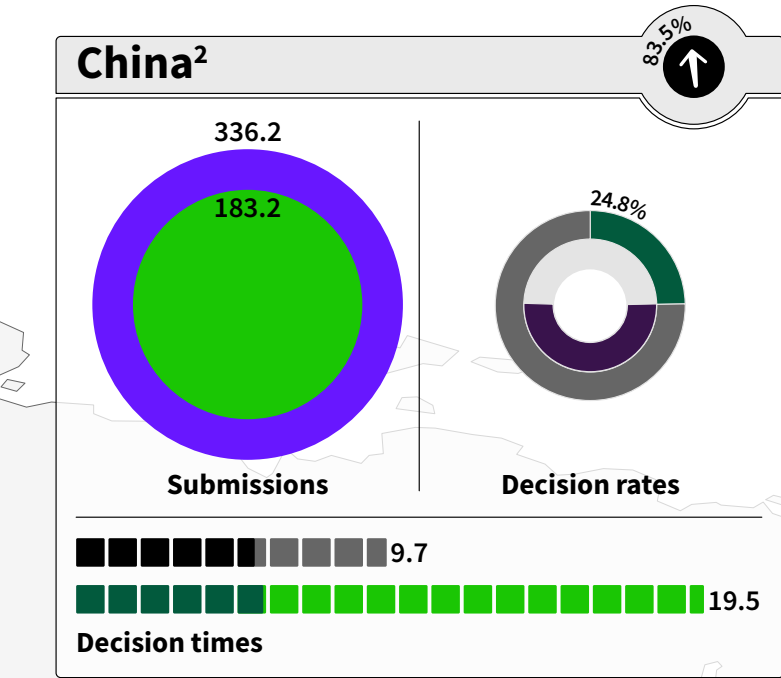
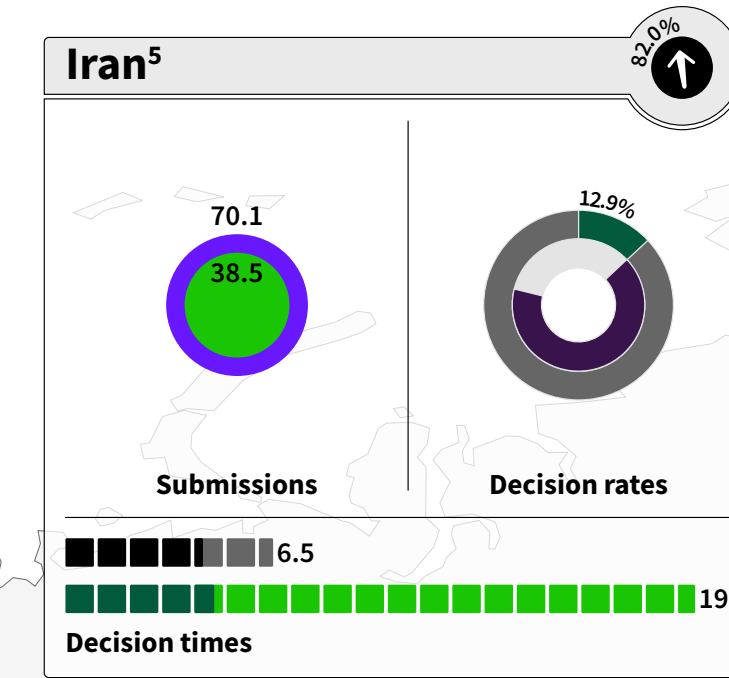
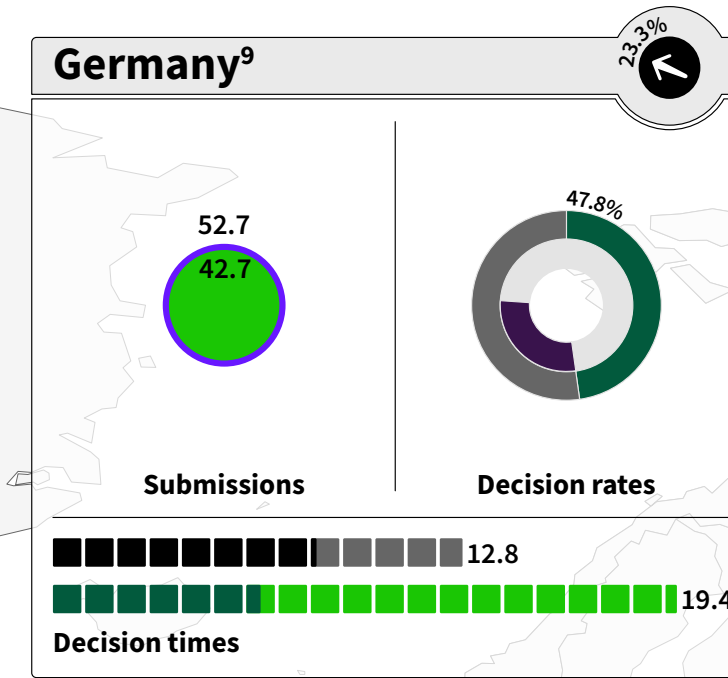
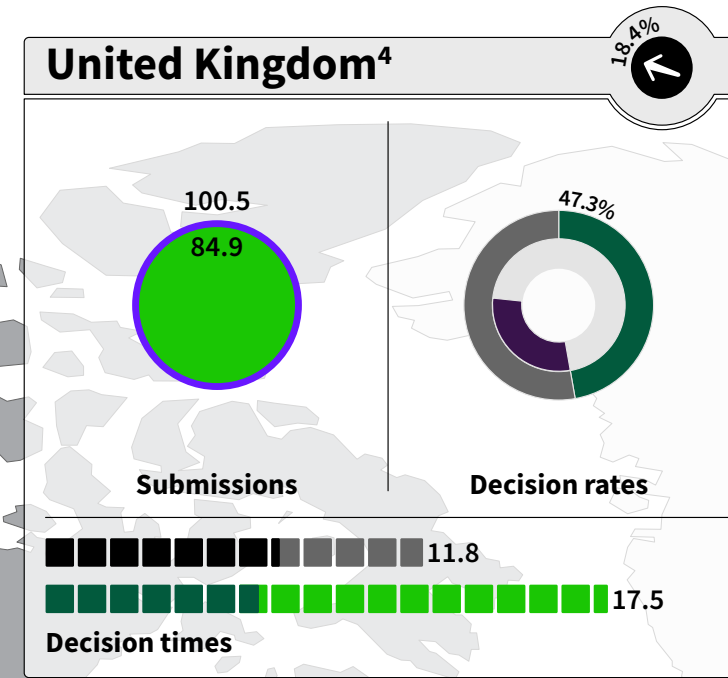
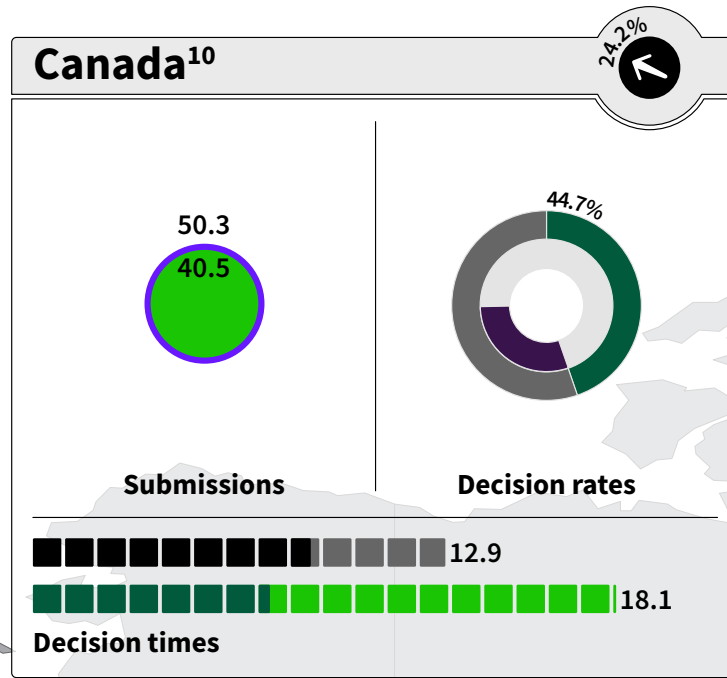


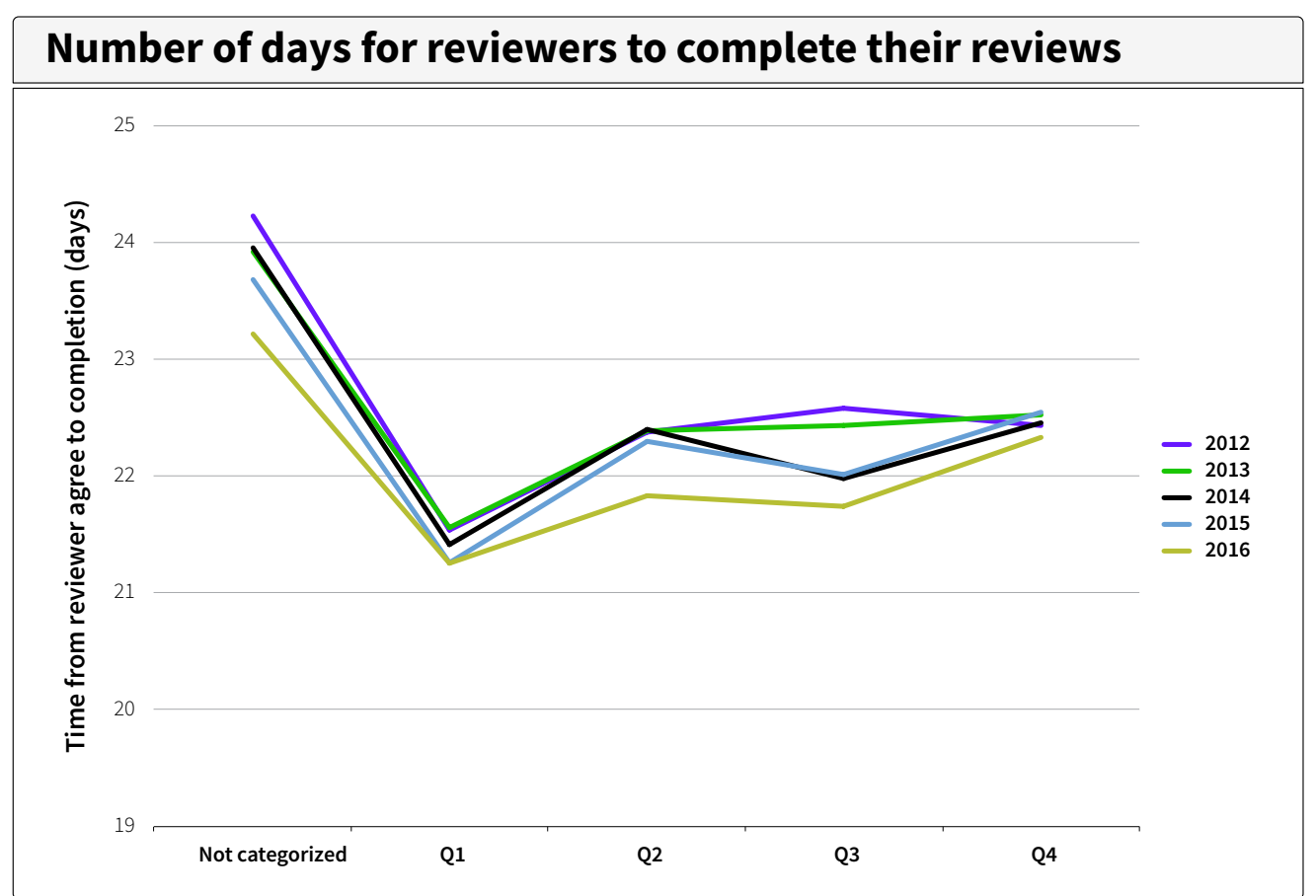
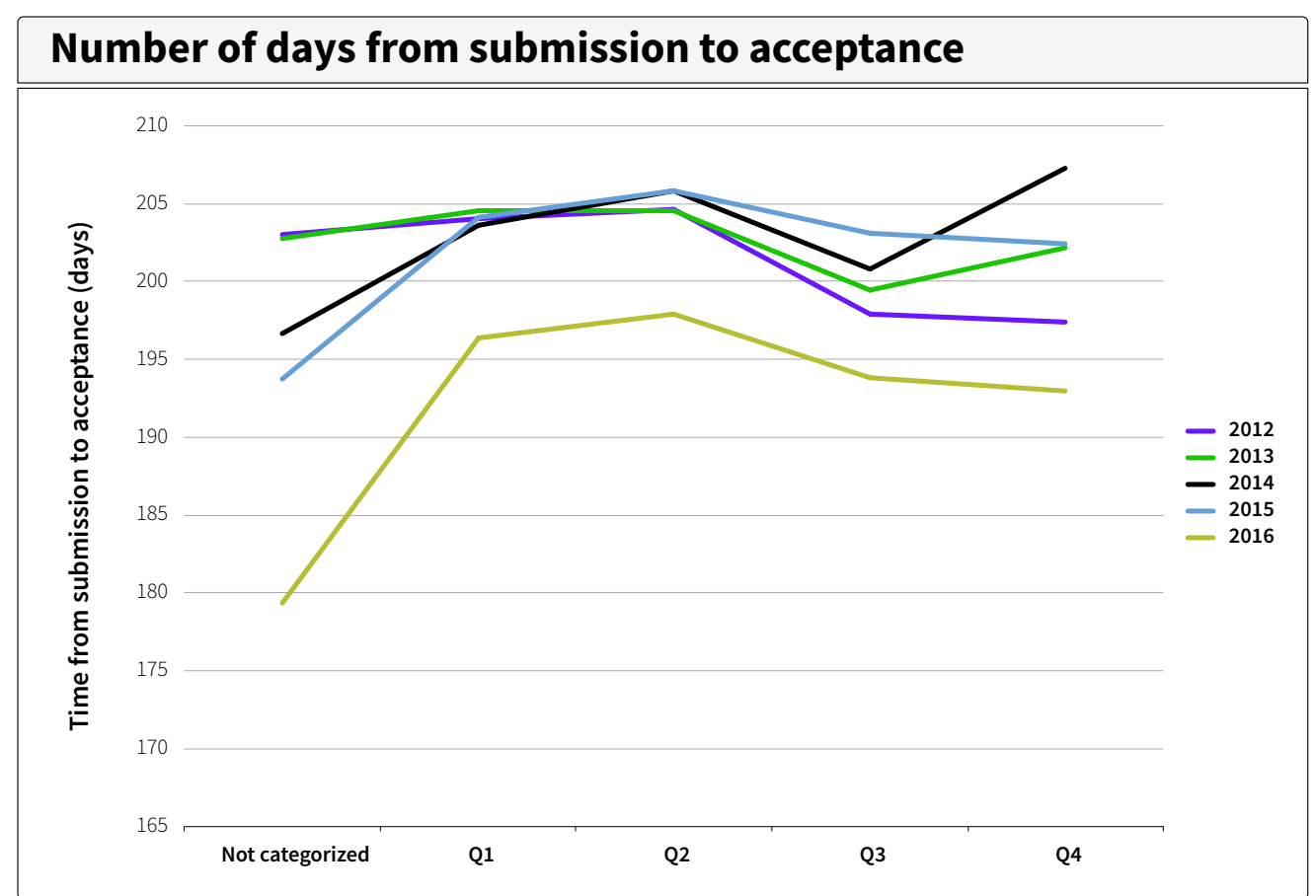
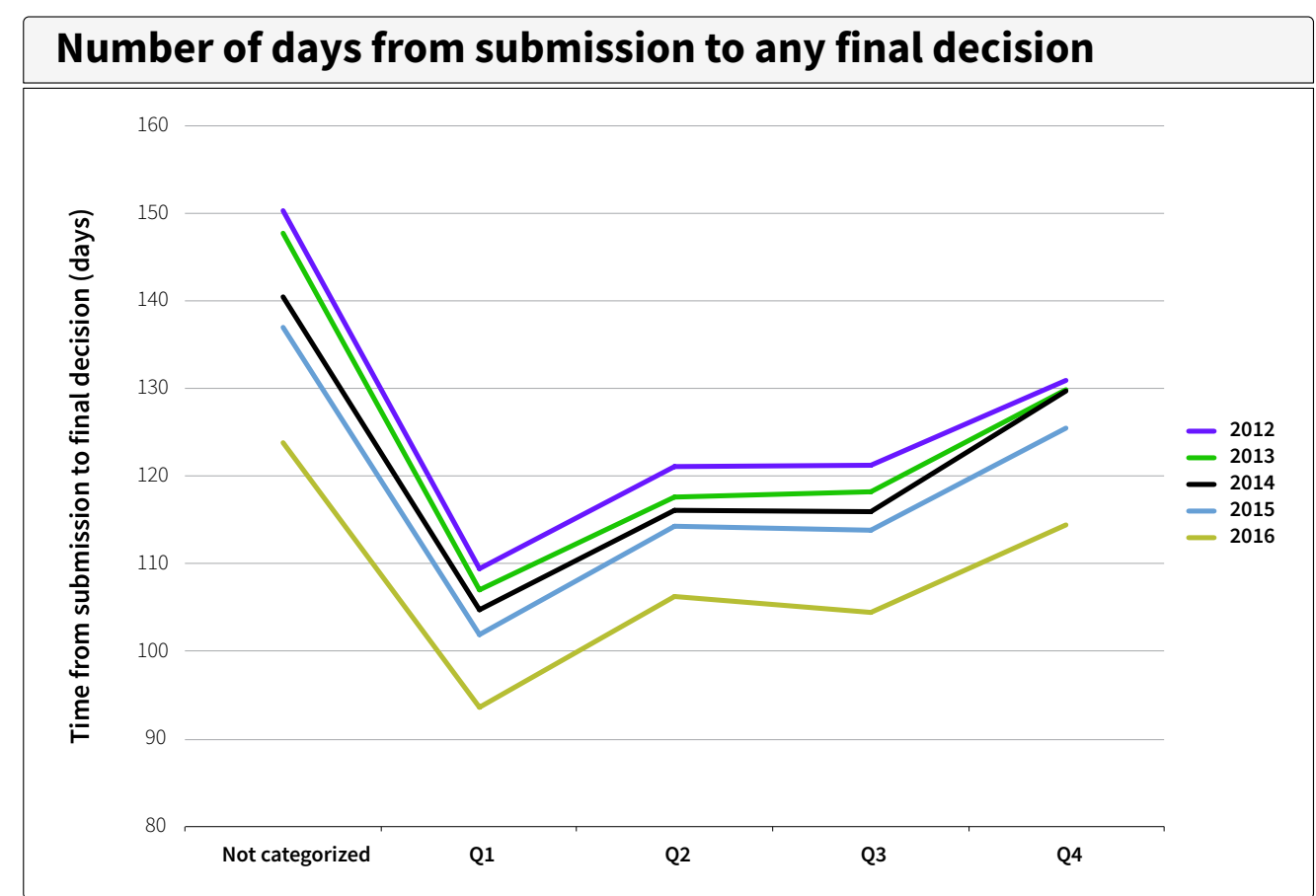
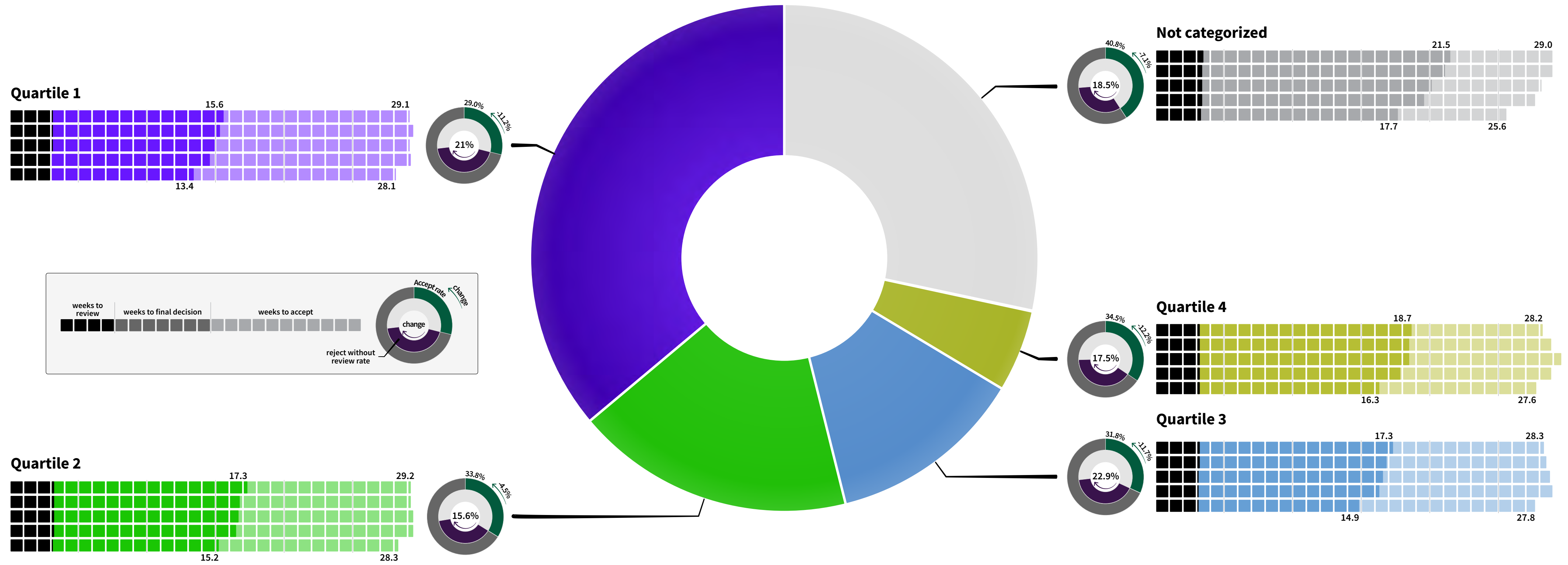
The story so far...



Web of Science
Trust the difference

 **Clarivate**
Analytics





Submission growth

across the board — concentrated in emerging regions and subjects — but they don't contribute reviewers

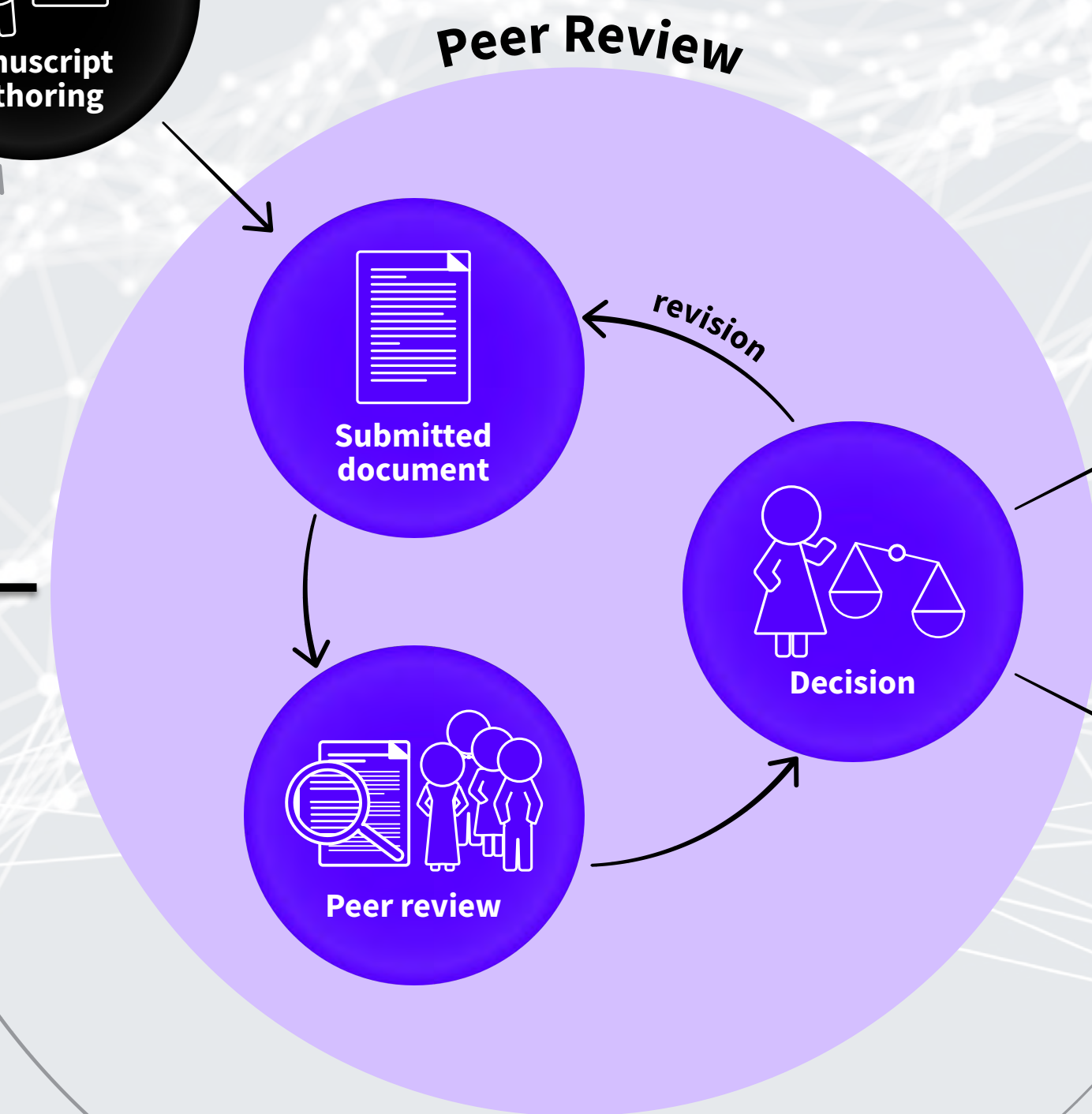


Accept rates

higher for gold OA and content not in SCI-E/SSCI — downward trend

Decision times

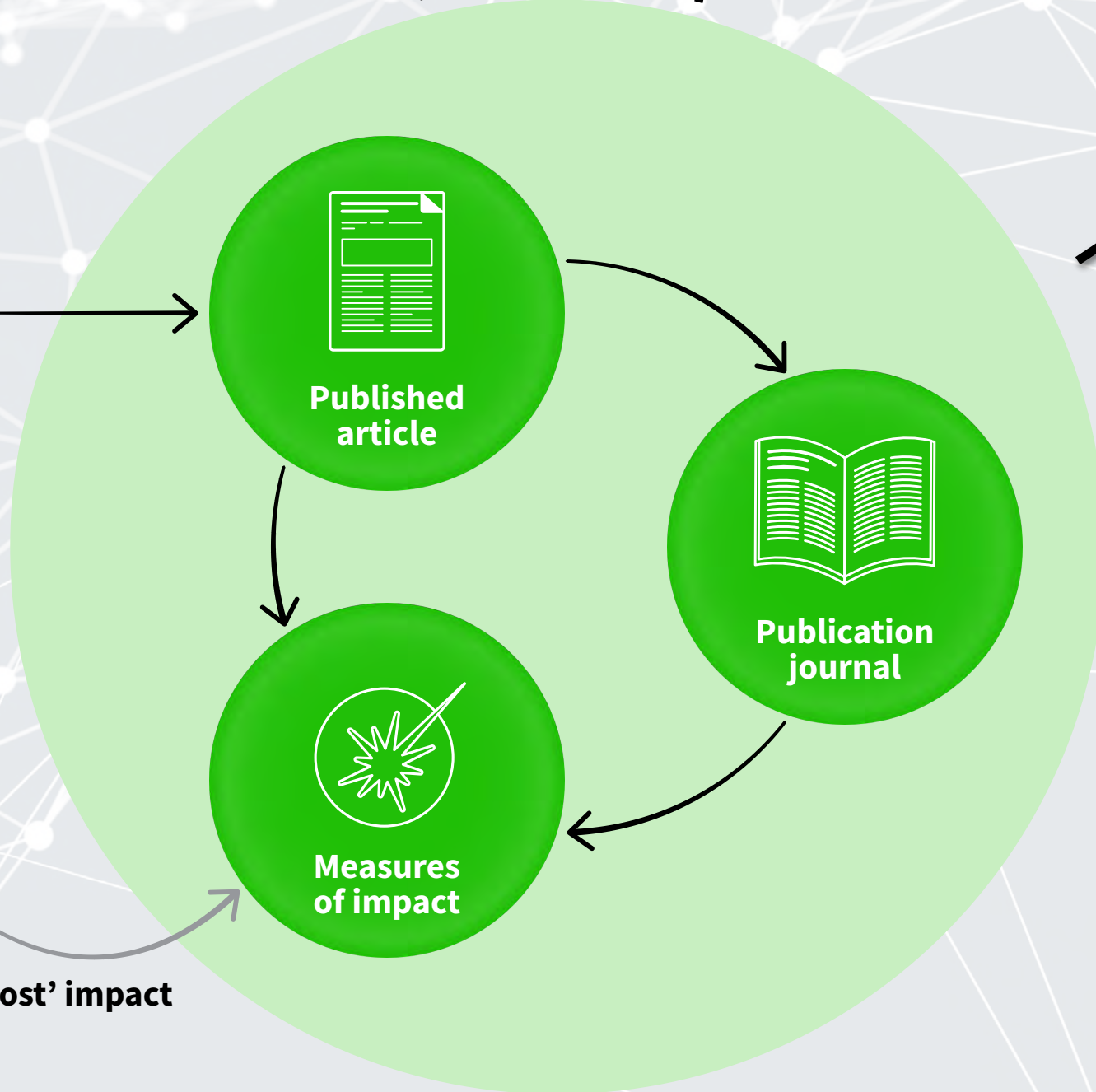
vary by subject and faster in upper impact quartiles
Time to accept consistent



Publication

Impact

time to final decision quicker in higher quartiles
Accept rates lower in higher quartiles — reject without review rates higher
review quicker in higher quartiles



Reject rates

lower for gold OA and content not in SCI-E/SSCI — upward trend

Rejects

~37% appeared in another title

