

Influence of titles of scientific articles on the attention they receive: Update 1

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Nature

Influence of
Scientific
Article Title
Attributes on
the attention
they receive

- Number of articles: 153697

Analysis of
titles from
Journal

Modeling the
Trend

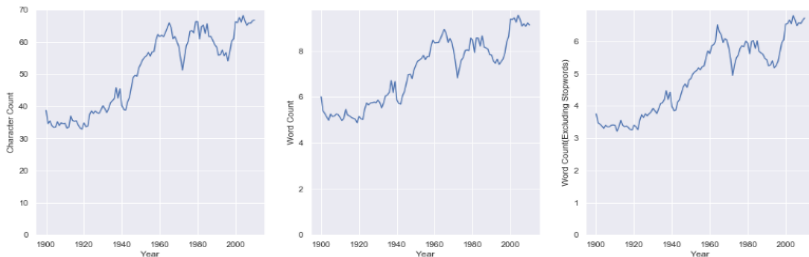


Figure: Growth in the average title length of articles

Nature: 2002

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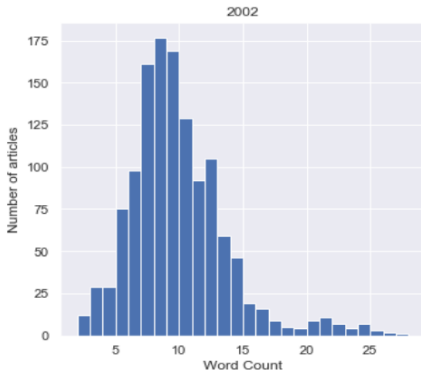


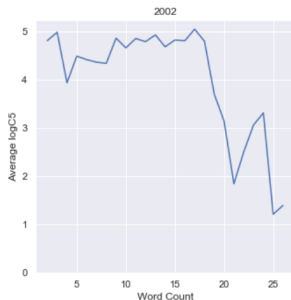
Figure: Histogram of title word counts

Nature: 2002

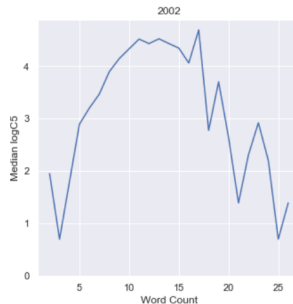
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Mean log c5 for word counts



Median log c5 for word counts

Nature: 2002-2010

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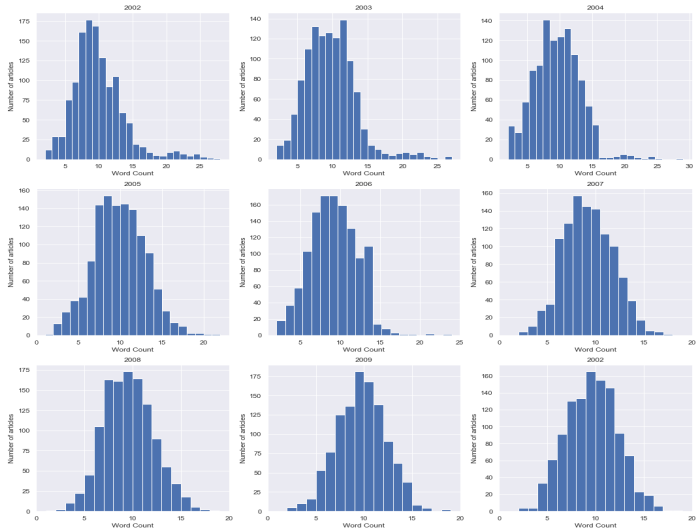


Figure: Histogram of title word counts

Nature: 2002-2010

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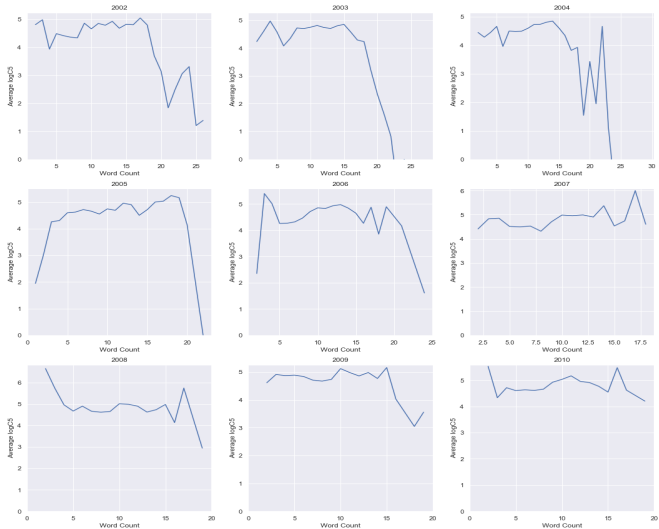


Figure: Average log c5 for different word counts

Nature: 2002-2010

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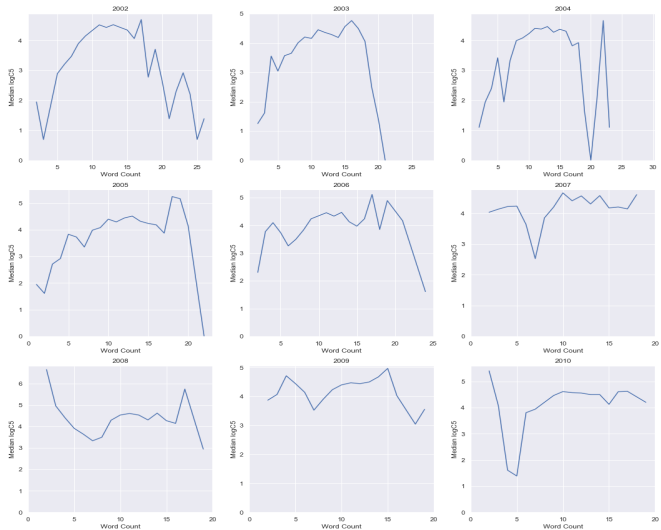


Figure: Median log c5 for different word counts

Questions

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- Does the data follow the same trend for all journals?
- Is there a similar trend in journals of different disciplines ?
- How can we model this trend?

Weighted Linear Fit

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- Target: Mean log c5 for a particular year
- Weight: Number of articles

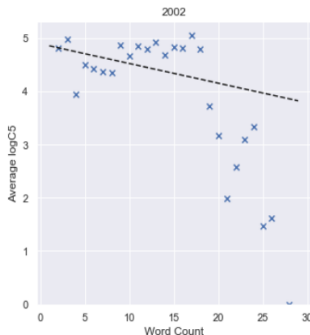


Figure: Weighted Linear fit of the dependency of word count on average log c5

Nature: 2002-2010

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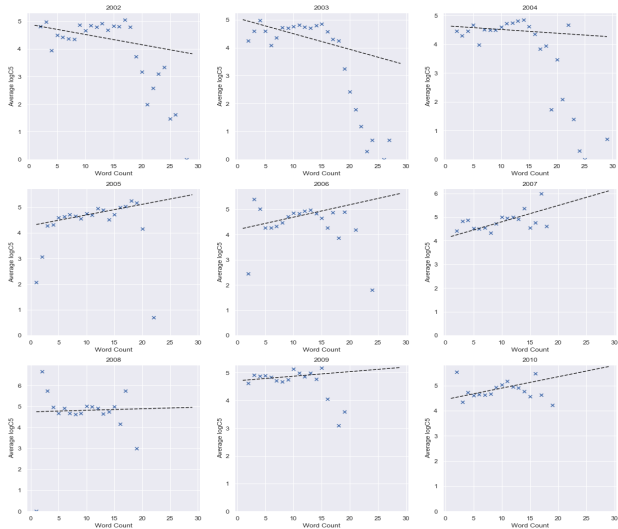


Figure: Fitting the distribution Mean log c5 for different word counts

Nature: 2002-2010

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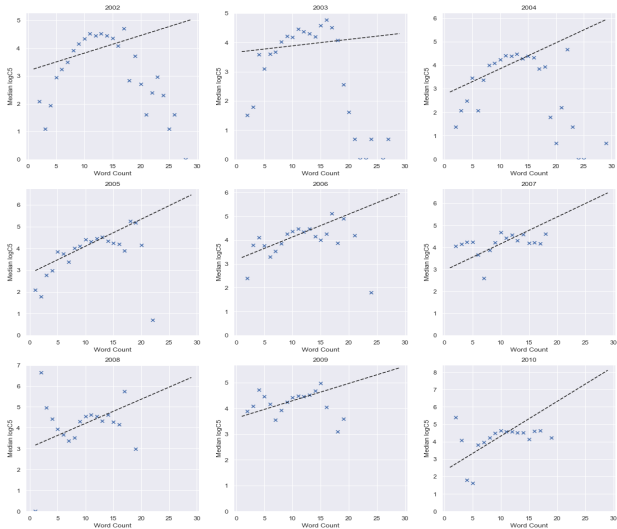


Figure: Fitting the distribution Median log c5 for different word

Applied Physics Letters: 2002-2010

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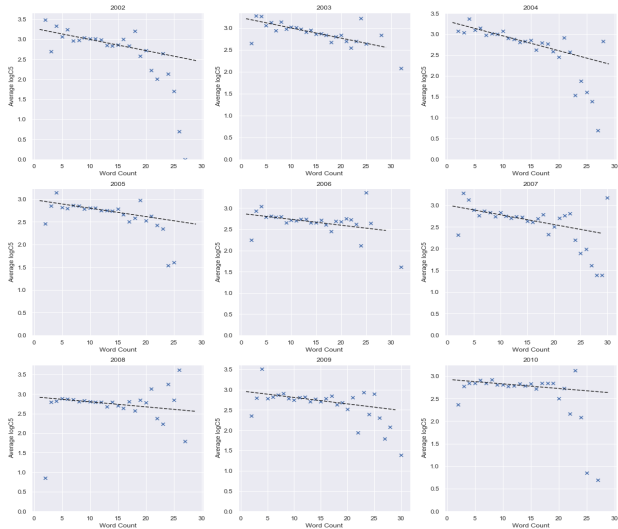


Figure: Fitting the distribution Mean log c5 for different word counts

Applied Physics Letters: 2002-2010

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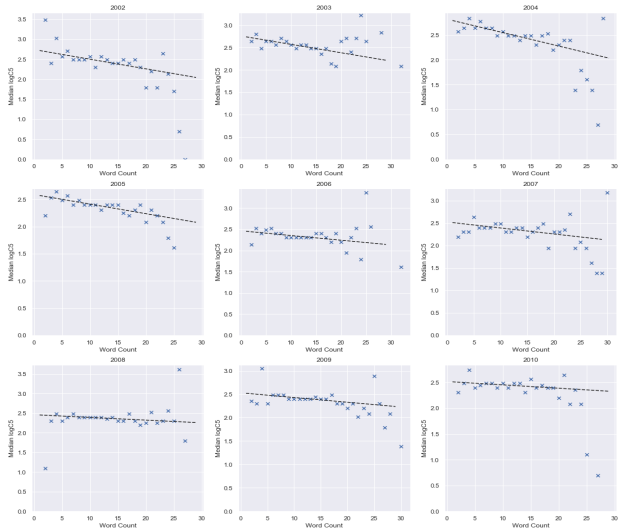


Figure: Fitting the distribution Median log c5 for different word

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Thank You!