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## Quantitative Entropy Study of Language Complexity

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The sentence length (number of words/syllables in a sentence) distributions of texts (novels, speeches, etc), vary between different languages and different persons (authors or speakers). In this paper we proposed an entropy method based on the sentence lengths of texts, to explore the characteristics of the English and Chinese languages, and the different persons. The main results show that significant differences are found between the two languages and between different persons. The entropy analysis points in the direction of lower entropy, that is of higher complexity.

### Is this abstract from experiment?

No

### Name of experiment and experimental site

N/A

### Is the speaker for that presentation defined?

Yes

### Details

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### Internet talk

Yes

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