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On the role of words in the network structure of texts: Application to authorship attribution

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***Highlights (for review)**

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- The authorship is addressed by combining network metrics and vocabulary usage.

- Strong evidence of the influence of authors on the network properties of specific words have been found.

- A generalized similarity measure based on word ranks is proposed.

- Multi-Dimensional Scaling allows the simulaneous implementation of dissimilarity matrices.

- The results are robust among different collections composed of various authors.

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