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#### ACCEPTED MANUSCRIPT

## Textual analysis and visualization of research trends in data mining for electronic health records

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Medical data mining, Topic discovery, Topic evolution, Visualization, Research framework

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#### **Ethical approval**

Not required.

#### **Conflict of Interest**

None declared.

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#### **Author contribution:**

J. Chen and C. Guo conceived and designed the study. J. Chen, W. Wei and L. Tang performed the data collection, processing, and topic analysis. J. Chen wrote the first full draft. J. Chen and C. Guo conducted further improvements and completed the revised version of the paper. C. Guo and L. Sun reviewed and edited the manuscript. All the authors read and approved the manuscript.

#### **Abstract**

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