Author's Accepted Manuscript

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

Jingfeng Chen, Wei Wei, Chonghui Guo, Lin Tang, Leilei Sun



www.elsevier.com/locate/hlp

PII: S2211-8837(17)30069-2

DOI: https://doi.org/10.1016/j.hlpt.2017.10.003

Reference: HLPT253

To appear in: *Health Policy and Technology*

Cite this article as: Jingfeng Chen, Wei Wei, Chonghui Guo, Lin Tang and Leilei Sun, Textual analysis and visualization of research trends in data mining for electronic health records, *Health Policy and Technology*, https://doi.org/10.1016/j.hlpt.2017.10.003

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

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

Jingfeng Chen^a, Wei Wei^{a, b}, Chonghui Guo^{a, b, *}, Lin Tang^{a, b, c}, Leilei Sun^a

^a Institute of Systems Engineering, Dalian University of Technology, 116024, Dalian, Liaoning, China

^b State Key Laboratory of Software Architecture (Neusoft Corporation), 110179, Shenyang Liaoning,

China

^c City Institute, Dalian University of Technology, 116002, Dalian Liaoning, China

cjfeng2015@mail.dlut.edu.cn (J. Chen)

weiwei123@mail.dlut.edu.cn (W. Wei)

*dlutguo@dlut.edu.cn (C. Guo)

tanglin@dlut.edu.cn (L. Tang)

leisun@mail.dlut.edu.cn (L. Sun)

*Corresponding to Institute of Systems Engineering, Dalian University of Technology, Ganjingzi District, 116024, Dalian, Liaoning, China. Tel.: + 86-411-84708007

Keywords:

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

Author Statements

Ethical approval

Not required.

Conflict of Interest

None declared.

Funding:

This research was supported by the National Natural Science Foundation of China (Grant Nos. 71771034 and No. 71421001), and the Open Programme of State Key Laboratory of Software Architecture (SKLSAOP1703).

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

Download English Version:

https://daneshyari.com/en/article/8733152

Download Persian Version:

https://daneshyari.com/article/8733152

<u>Daneshyari.com</u>