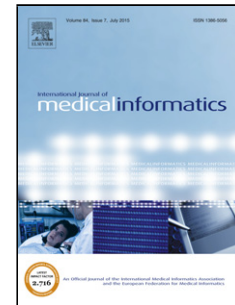


## Accepted Manuscript

Title: A Machine Learning-based Framework to Identify Type 2 Diabetes through Electronic Health Records

Author: Tao Zheng Wei Xie Liling Xu Xiaoying He Ya Zhang Mingrong You Gong Yang You Chen



PII: S1386-5056(16)30215-5  
DOI: <http://dx.doi.org/doi:10.1016/j.ijmedinf.2016.09.014>  
Reference: IJB 3402

To appear in: *International Journal of Medical Informatics*

Received date: 23-2-2016  
Revised date: 27-9-2016  
Accepted date: 30-9-2016

Please cite this article as: Tao Zheng, Wei Xie, Liling Xu, Xiaoying He, Ya Zhang, Mingrong You, Gong Yang, You Chen, A Machine Learning-based Framework to Identify Type 2 Diabetes through Electronic Health Records, International Journal of Medical Informatics <http://dx.doi.org/10.1016/j.ijmedinf.2016.09.014>

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 proof before it is published in its final 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.

**Title:** A Machine Learning-based Framework to Identify Type 2 Diabetes through Electronic Health Records

**Authors:** Tao Zheng<sup>1,2</sup>, Wei Xie<sup>3</sup>, Liling Xu<sup>2</sup>, Xiaoying He<sup>4</sup>, Ya Zhang<sup>1</sup>, Mingrong You<sup>5</sup>, Gong Yang<sup>5</sup>, You Chen<sup>6</sup>

**Author Affiliations:**

<sup>1</sup>Institute of Image Communication and Networking, Shanghai Jiao Tong University, Shanghai, China

<sup>2</sup>Tongren Hospital Shanghai Jiao Tong University, Shanghai, China

<sup>3</sup>Department of Electrical Engineering & Computer Science, Vanderbilt University, Nashville, TN, USA

<sup>4</sup>Department of Endocrinology, the First Affiliated Hospital of Sun Yat-Sen University, Guangzhou, China

<sup>5</sup>Division of Epidemiology, Vanderbilt University, Nashville, TN, USA

<sup>6</sup>Department of Biomedical Informatics, Vanderbilt University, Nashville, TN, USA

**To Whom Correspondence Should be Addressed:**

You Chen, Ph.D.

2525 West End Ave, Suite 1475

Department of Biomedical Informatics

Vanderbilt University

Nashville, TN 37203 USA

Email: you.chen@vanderbilt.edu

Download English Version:

<https://daneshyari.com/en/article/4966733>

Download Persian Version:

<https://daneshyari.com/article/4966733>

[Daneshyari.com](https://daneshyari.com)