#### Accepted Manuscript

Using insurance claims to predict and improve hospitalizations and biologics use in members with inflammatory bowel diseases

Don A. Vaughn, Welmoed K. van Deen, Wesley T. Kerr, Travis R. Meyer, Andrea L. Bertozzi, Daniel W. Hommes, Mark S. Cohen

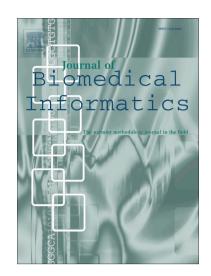
PII: S1532-0464(18)30057-1

DOI: https://doi.org/10.1016/j.jbi.2018.03.015

Reference: YJBIN 2956

To appear in: Journal of Biomedical Informatics

Received Date: 23 October 2017 Revised Date: 10 March 2018 Accepted Date: 26 March 2018



Please cite this article as: Vaughn, D.A., van Deen, W.K., Kerr, W.T., Meyer, T.R., Bertozzi, A.L., Hommes, D.W., Cohen, M.S., Using insurance claims to predict and improve hospitalizations and biologics use in members with inflammatory bowel diseases, *Journal of Biomedical Informatics* (2018), doi: https://doi.org/10.1016/j.jbi. 2018.03.015

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.

### **ACCEPTED MANUSCRIPT**

## Using insurance claims to predict and improve hospitalizations and biologics use in members with inflammatory bowel diseases

Don A. Vaughn<sup>1\*</sup>, Welmoed K. van Deen<sup>2,3,4\*</sup>, Wesley T. Kerr<sup>5,6,7</sup>, Travis R. Meyer<sup>8</sup>, Andrea L. Bertozzi<sup>8</sup>, Daniel W. Hommes<sup>2+</sup>, Mark S. Cohen<sup>1,9</sup>

<sup>1</sup>UCLA Semel Institute for Neuroscience and Human Behavior, Los Angeles, CA, USA

<sup>2</sup>UCLA Center for Inflammatory Bowel Diseases, Vatche and Tamar Manoukian Division of Digestive Disease, David Geffen School of Medicine, Los Angeles, CA, USA

<sup>3</sup>Gehr Family Center for Health Systems Science, Division of Geriatric, Hospital, Palliative and General Internal Medicine, Department of Medicine, Keck School of Medicine, University of Southern California, Los Angeles, CA, USA

<sup>4</sup>Leonard D. Schaeffer Center for Health Policy and Economics, University of Southern California, Los Angeles, University of Southern California, Los Angeles, CA, USA

<sup>5</sup>UCLA David Geffen School of Medicine, Los Angeles, CA, USA

<sup>6</sup>UCLA Department of Biomathematics, Los Angeles, CA, USA

<sup>7</sup>Eisenhower Medical Center, Department of Internal Medicine, Rancho Mirage, CA, USA

<sup>8</sup>UCLA Department of Mathematics, Los Angeles, CA, USA

<sup>9</sup>UCLA Departments of Psychiatry, Neurology, Radiology, Psychology, Biomedical Physics and Bioengineering, and California Nanosystems Institute, Los Angeles, CA, USA

+Corresponding author: Daniel Hommes, 200 UCLA Medical Plaza #365C, Los Angeles, CA 90095. Tel: 1 855-423-8252 email: DHommes@mednet.ucla.edu

**Keywords**: insurance claims, prediction, inflammatory bowel disease, hospitalization, biologics, topic modeling

<sup>\*</sup>These authors contributed equally

# دريافت فورى ب متن كامل مقاله

### ISIArticles مرجع مقالات تخصصی ایران

- ✔ امكان دانلود نسخه تمام متن مقالات انگليسي
  - ✓ امكان دانلود نسخه ترجمه شده مقالات
    - ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
  - ✓ امكان دانلود رايگان ۲ صفحه اول هر مقاله
  - ✔ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
    - ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات