## Accepted Manuscript

Statistical models for the analysis of zero-inflated pain intensity numeric rating scale data

Joseph L. Goulet, Eugenia Buta, Harini Bathulapalli, Ralitza Gueorguieva, Cynthia A. Brandt

PII: S1526-5900(16)30333-9

DOI: 10.1016/j.jpain.2016.11.008

Reference: YJPAI 3333

To appear in: Journal of Pain

Received Date: 19 May 2016

Revised Date: 10 November 2016

Accepted Date: 18 November 2016

Please cite this article as: Goulet JL, Buta E, Bathulapalli H, Gueorguieva R, Brandt CA, Statistical models for the analysis of zero-inflated pain intensity numeric rating scale data, *Journal of Pain* (2017), doi: 10.1016/j.jpain.2016.11.008.

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.



Statistical models for the analysis of zero-inflated pain intensity numeric rating scale data

Joseph L. Goulet <sup>1, 2</sup>, Eugenia Buta <sup>1, 4</sup>, Harini Bathulapalli <sup>1, 5</sup>, Ralitza Gueorguieva <sup>2, 4</sup>, Cynthia A. Brandt <sup>1, 3</sup>

- 1. VA Connecticut Healthcare System, West Haven, CT
- 2. Yale School of Medicine, Department of Psychiatry, New Haven, CT
- 3. Yale School of Medicine, Department of Emergency Medicine, New Haven, CT
- 4. Yale School of Public Health, Department of Biostatistics, New Haven, CT
- 5. Yale School of Medicine, Department of Internal Medicine, New Haven, CT

## **Corresponding Author:**

Joseph L Goulet, PhD, MS VA Connecticut Healthcare System 950 Campbell Avenue 35a Rm 2-207 West Haven, CT 06516 Phone 203.932.5711 ext. 5325 Fax: 203.937.4926 Email: Joseph.Goulet@VA.gov

References: 21 Tables: 5 Figures: 3 Word Count: 4263 Key Words: pain; statistical models; zero-inflation; Veterans Running Title: Statistical models for pain NRS data Disclaimer: The opinions expressed here are those of the authors and do not represent the official policy or position of the US Department of Veterans Affairs.

Disclosures: VA HSR&D grants DHI 07-065-1 (Brandt PI, Bathulapalli); CRE 12-012 VA Research Enhancement Award Program (REAP) PRIME Project (Goulet, Brandt PIs; Carroll, Buta).

COI: None

## دريافت فورى 🛶 متن كامل مقاله

- امکان دانلود نسخه تمام متن مقالات انگلیسی
  امکان دانلود نسخه ترجمه شده مقالات
  پذیرش سفارش ترجمه تخصصی
  امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
  امکان دانلود رایگان 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
- ISIArticles مرجع مقالات تخصصی ایران