Accepted Manuscript

Kaplan-Meier Survival Analysis Overestimates Cumulative Incidence of Health-related Events in the Presence of Competing Risks: A Meta-analysis

Sarah Lacny, MSc, Todd Wilson, MSc, Fiona Clement, PhD, Derek J. Roberts, MD, PhD, Peter Faris, PhD, William A. Ghali, MD, MPH, FRCPC, Deborah A. Marshall, PhD

PII: S0895-4356(17)30023-9

DOI: 10.1016/j.jclinepi.2017.10.006

Reference: JCE 9501

To appear in: Journal of Clinical Epidemiology

Received Date: 9 January 2017

Revised Date: 15 August 2017

Accepted Date: 10 October 2017

Please cite this article as: Lacny S, Wilson T, Clement F, Roberts DJ, Faris P, Ghali WA, Marshall DA, Kaplan-Meier Survival Analysis Overestimates Cumulative Incidence of Health-related Events in the Presence of Competing Risks: A Meta-analysis, *Journal of Clinical Epidemiology* (2017), doi: 10.1016/j.jclinepi.2017.10.006.

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.



Kaplan-Meier Survival Analysis Overestimates Cumulative Incidence of Healthrelated Events in the Presence of Competing Risks: A Meta-analysis

Sarah Lacny, MSc^a; Todd Wilson, MSc^b; Fiona Clement, PhD^c; Derek J Roberts, MD, PhD^d; Peter Faris, PhD^e; William A Ghali, MD, MPH, FRCPC^f; Deborah A Marshall, PhD^g*

^a Medical Student and Research Associate, Department of Community Health Sciences,
 Cumming School of Medicine, University of Calgary, 3280 Hospital Drive NW, Calgary, AB
 T2N 4Z6, Canada. sllacny@ucalgary.ca

^b PhD Student, Department of Community Health Sciences, Cumming School of Medicine, University of Calgary, 3280 Hospital Drive NW, Calgary, AB T2N 4Z6, Canada. tawilson@ucalgary.ca

^c Associate Professor, Department of Community Health Sciences, Cumming School of Medicine, University of Calgary, 3280 Hospital Drive NW, Calgary, AB T2N 4Z6, Canada;
O'Brien Institute for Public Health, University of Calgary, 3280 Hospital Drive NW, Calgary, AB T2N 4Z6, Canada. fclement@ucalgary.ca

^d Resident, Department of Surgery, Cumming School of Medicine, University of Calgary, Foothills Medical Centre, 3280 Hospital Drive NW, Calgary, AB T2N 4Z6, Canada. robertdj@ucalgary.ca

^e Biostatistician, Research Priorities and Implementation, Alberta Health Services, Foothills Medical Centre, 1403-29 Street NW, Calgary, AB T2N 2T9, Canada; Alberta Bone and Joint Health Institute, 3280 Hospital Drive NW, Calgary, AB T2N 4Z6, Canada.
peter.faris@albertahealthservices.ca

1

Download English Version:

https://daneshyari.com/en/article/7519110

Download Persian Version:

https://daneshyari.com/article/7519110

Daneshyari.com