

## ISPOR *Value in Health* Paper of the Year Award 2015

Michael Drummond, PhD, University of York, Heslington, York, UK, and C. Daniel Mullins, PhD, University of Maryland, Baltimore, MD, USA, *Value in Health* Co-Editors-in-Chief

### 2015 RECIPIENT



**Lucas M.A. Goossens, PhD**

Assistant Professor of Quantitative Analysis, Erasmus University, institute for Health Policy & Management, Rotterdam, The Netherlands

***Should I Stay or Should I Go Home? A Latent Class Analysis of a Discrete Choice Experiment on Hospital-At-Home,*** *Value in Health* 2014;17:588-596.

#### KEY POINTS:

- Quantifies the strength of patient preferences for different aspects of early assisted discharge in The Netherlands for patients who were admitted with a COPD exacerbation.
- Illustrates the benefits of latent class modelling of discrete choice data.
- A rarely used technique in health economics.

Beginning in 2011, ISPOR began presenting the *Value in Health* Paper of the Year Award. The award marks the establishment of the Society's journal as one of the most widely cited in the field of health services research. Every full-length original research paper published in the Journal is eligible for the award, which is determined through a selection process involving the Journal's Editorial Board.

This year, 12 papers made the final short-list. This year's winning paper, **"Should I Stay or Should I Go Home? A Latent Class Analysis of a Discrete Choice Experiment on Hospital-At-Home,"** by Lucas M.A. Goossens, et al. (*Value in Health* 2014;17:588-596), illustrates the benefits of latent class modeling of discrete choice data by comparing latent class conditional logit regression with mixed logit and generalized multinomial logit regression.

In the discrete choice experiment, respondents made multiple choices between hospital treatments as usual versus two combinations of hospital admission followed by treatment at home. The best performing model contained four latent classes of respondents, defined by different preferences for the hospital and caregiver burden. The authors argue that in cases such as this, where large proportions of respondents had a preference for either treatment option that could not be influenced by proposing realistic changes in the characteristics of the early assisted discharge treatment, latent class analysis was essential in quantifying preferences for attributes of early assisted discharge.

Of the finalists, two other papers were deemed to be worthy of honorable mention. **"Analysing Overall Survival in Randomized Controlled Trials with Crossover and Implications for Economic Evaluation,"** by Linus Jönsson, et al. (*Value in Health* 2014;17:707-713), shows, by using data from two phase III oncology trials, that for a trial with a high proportion of crossovers from the control arm to the investigational arm, the choice of the statistical method greatly affects the estimates of treatment-effect differences and cost-effectiveness. They make recommendations for the choice of method dependent on crossover characteristics, trial size and available data.

**"A Programme of Methodological Research to Arrive at the New International EQ-5D-5L Valuation Protocol,"** by Mark Oppe et al.

(*Value in Health* 2014;17:280-287) also receives an honorable mention. This paper discusses a large program of methodological research to develop a valuation protocol for a new version of one of the most widely-used health state preference questionnaires. Such a standardized protocol is required in order to enhance the comparability of value sets between countries and to allow the exploration of the influence of cultural and other factors on health state valuations.

The Journal's editors hope that this annual award bring further recognition to our noteworthy articles and will further increase the growing reputation of *Value in Health*. ISPOR members are encouraged to consider the Journal as one of the possible outlets for the publication of their research. ■

#### Additional information:

To view Dr. Goossens' presentation, the *Value in Health* Paper of the Year, go to: <http://www.ispor.org/awards/value-in-health-paper-of-the-year.asp>.

## WEBCONNECTIONS

**Have you tried the World Health Organization as data resource.** You can explore all the rich data located on the WHO website at: [www.who.int](http://www.who.int), as well as the database of the Global health Expenditures at: <http://apps.who.int/nha/database>. This database has been maintained for the past 10 years and allows for international comparison on national health expenditures, and is updated annually, adjusting and estimating numbers based on publicly available reports.

**Do you know of any websites that you would like to share with the ISPOR community? If so, contact Bonnie M. Korenblat Donato, PhD, at: [bonnie.donato@bms.com](mailto:bonnie.donato@bms.com).**