

**June 10, 2019**

## **Exploring Non-Attendance to the Dimensions of the EQ-5D-5L Using Discrete Choice Data**

Generic measures of health-related quality of life (HRQoL) allow comparisons across potentially very different uses of healthcare resources of outcomes in a manner that incorporates the preferences of those whose taxes fund publicly funded services. The EQ-5D is the most commonly used generic measure of HRQoL. The EQ-5D-5L describes a health state using a combination of five dimensions of health (mobility, self-care, usual activities, pain/discomfort and anxiety/depression) measured at five levels of severity. The agreed protocol for collection of EQ-5D-5L data recommends including discrete choice experiments (DCEs) to derive preference data that can inform national “value sets” on HRQoL. Using latent class analyses based on the DCE data from the Irish EQ-5D-5L, this paper explores the extent of non-attendance to the dimensions of the EQ-5D-5L. We find that approximately 40% of respondents consider all the dimensions of the EQ-5D-5L. Of respondents who did not consider all the dimension, usual activities and self-care are least considered while pain and discomfort is most considered. Interpretation of follow-up qualitative data recorded after the DCE suggest that certain dimensions dominated respondents’ choices, which may influence non-attendance on other dimensions.

**Dr. Edel Doherty**

Lecturer in Economics,

Health Economics and Policy Analysis Centre, National University of Ireland, Galway

Rounds are held weekly on Mondays from 12:00 pm to 1:00 pm in the VGH Research Pavilion, Room 700, 7<sup>th</sup> Floor, 828 West 10th Avenue, Vancouver, BC.

Visit [www.C2E2.ca](http://www.C2E2.ca) for information about previous and upcoming rounds. If you are interested in presenting please email [pamela.lee@ubc.ca](mailto:pamela.lee@ubc.ca).