
ELEANOR PULLENAYEGUM, University of Toronto
Handling Health Utility Data: the Example of the EQ-5D

Health utility is a patient-reported outcome that is key to economic evaluations. The EQ-5D is a popular instrument that captures health utilities through a short questionnaire. EQ-5D health utilities pose some interesting challenges. Health utilities measured using the EQ-5D have an unusual distribution that is difficult to model parametrically. Moreover, the scoring algorithm that is used to convert questionnaire responses to health utilities does so subject to prediction errors; the resulting EQ-5D health utilities are subject to sources of uncertainty that are mistakenly ignored in practice. This talk will discuss how to address these challenges.