Time Trade Off, VAS and ranking in quantifying Health Related Quality of Life

In health economics, utility is assigned to discrete health states as valued by instruments such as the EQ5D-3L scale [1]. In order to assign these utilities, a sample of the general population is subjected to a time trade off experiment in which they have to rate various hypothetical health states.

A recent valuation of the Irish population has been carried out, and a tariff (or rating) for each of the possible health states in the EQ5D-3L has been obtained [2]. Nonetheless, a number of challenges exist in the valuation of these states, that was also observed during the valuation of the EQ5D-5L states in the United Kingdom [3].

The purpose of this project is to examine additional measures (namely the Visual Analogue Scale and health state ranking) that were obtained in primary research within Ireland, and to evaluate the impact of combining these with the time trade off data to develop a new tariff for Ireland.


[2] EXPERIENCED VS. HYPOTHETICAL HEALTH STATES PREFERENCES USING EQ-5D 3L AND 5L VERSIONS: A NATIONAL STUDY Reddy B1, Walsh C2, Barry M1, Kind P3, Adams R1 1National Centre for Pharmacoeconomics, Dublin, Ireland, 2Trinity College Dublin, Dublin, Ireland, 3HSE University, St Petersburg, Russia. ISPOR European Congress 2015