

Severity Adjusted Probability Of Being Cost-Effective: A Novel Approach To Integrate Severity And Cost-Effectiveness With Applications To Norway And The Netherlands

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In the context of priority setting, a differential cost-effectiveness threshold can be used to reflect a higher societal willingness-to-pay for Quality Adjusted Life Year gains in the worse off. This can reflect distributional concerns for particular groups, such as those who are more severely ill. Now that more countries use such a framework –Norway and The Netherlands have formally adopted it - applying the framework correctly becomes even more important. In order to operationalize a decision model with severity-based thresholds, one needs to define severity and estimate it in the context of treatments. An often ignored issue in this context is the uncertainty surrounding estimates of severity. However, since all estimates of severity, which subsequently translate into higher or lower thresholds, are surrounded with uncertainty, this should be adequately dealt with. In his talk for Exeter staff, Matthijs will present a new method to integrate 'severity based thresholds' with cost-effectiveness models. He will also show a simple tool to calculate QALY losses for the UK, including uncertainty.

Please register your attendance at <https://bit.ly/2E9cYcg>

Friday 25th January 2019

14.30-15.30, JS07, Smeall Building, St Luke's Campus, Exeter

For further information please contact l.k.watson@exeter.ac.uk

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