Of 630 articles identified, four studies passed the inclusion criteria, and three were included in the final analysis due to the treatment of unclear outcomes. Of the studies, two conference papers were screened for further analysis, resulting in a final number of 15 papers for further evaluation. The included studies were all published in English.

**PMR121**

**ASSESSMENT OF VALIDATION OF HEALTH-ECONOMIC DECISION MODELS IN INTERVENTION STUDIES OF SEASONAL INFLUENZA AND BREAST CANCER**

**Hirst A, Guy H, Murphy D**

**Methods:** A systematic review of cost-effectiveness studies was conducted to assess the quality of model validation. The review included 121 studies, of which 62 studies were identified as having conducted validation. The validation methods used were categorized into five types: structural validation, data validation, parameter estimation, simulation, and data reconciliation.

**Results:** The studies indicated that model validation is an important aspect of cost-effectiveness analysis, but there is a lack of consistent validation methods. The most common method used was parameter estimation, followed by structural validation. However, there was a lack of reporting of the validation methods used.

**Conclusions:** There is a need for standardization in the reporting of validation methods to improve the quality of cost-effectiveness studies.