

Evaluating the Adherence to ISPOR Guidelines in US Published Budget Impact Analyses of New Drugs: A Targeted Literature Review





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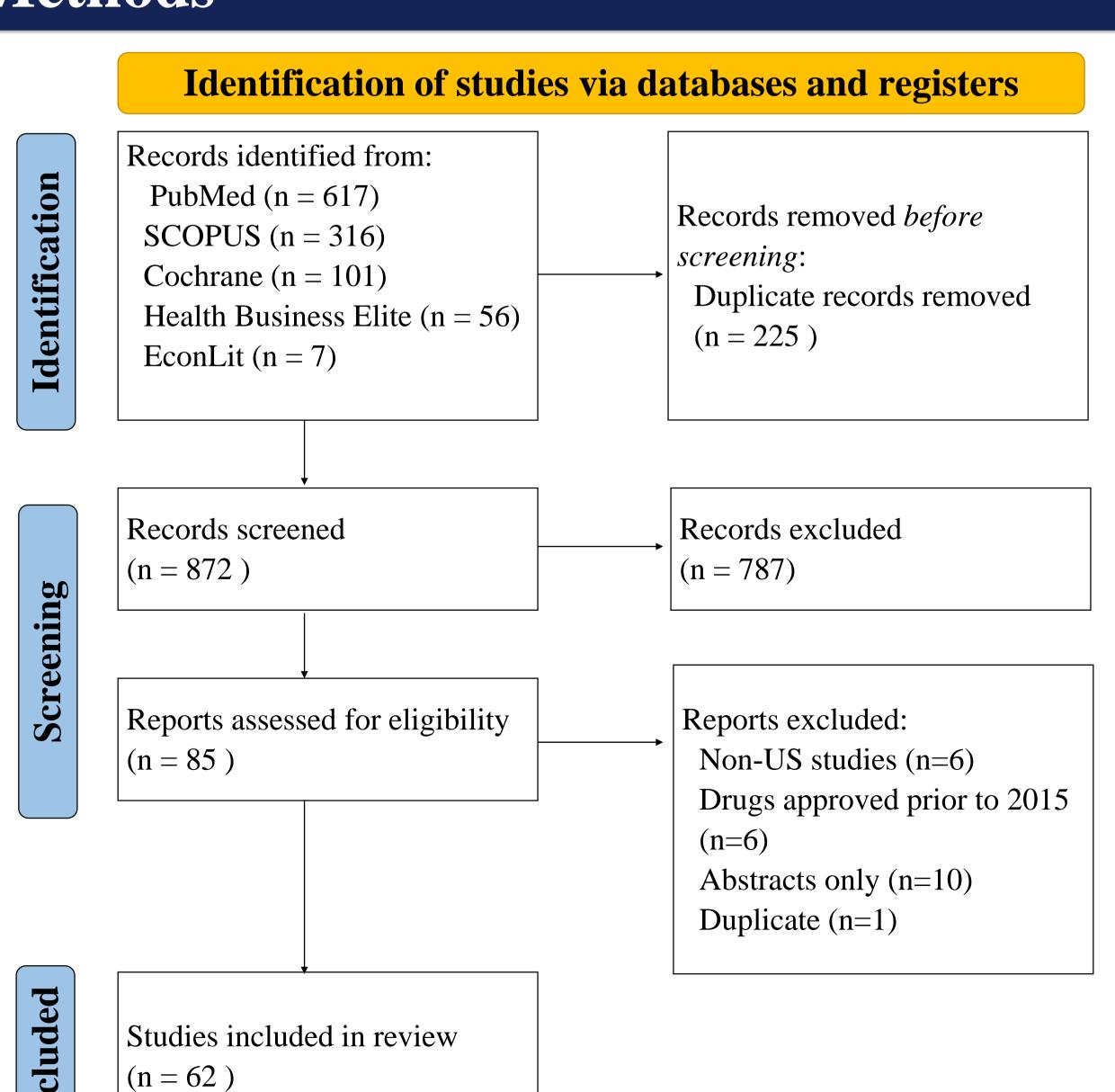
Introduction

- A budget impact analyses (BIA) is an economic tool used to predict the economic changes of introducing new drugs or indications to the market.
- It is conducted by reimbursement authorities, health systems and pharmaceutical companies to assist in the determination of formulary status.

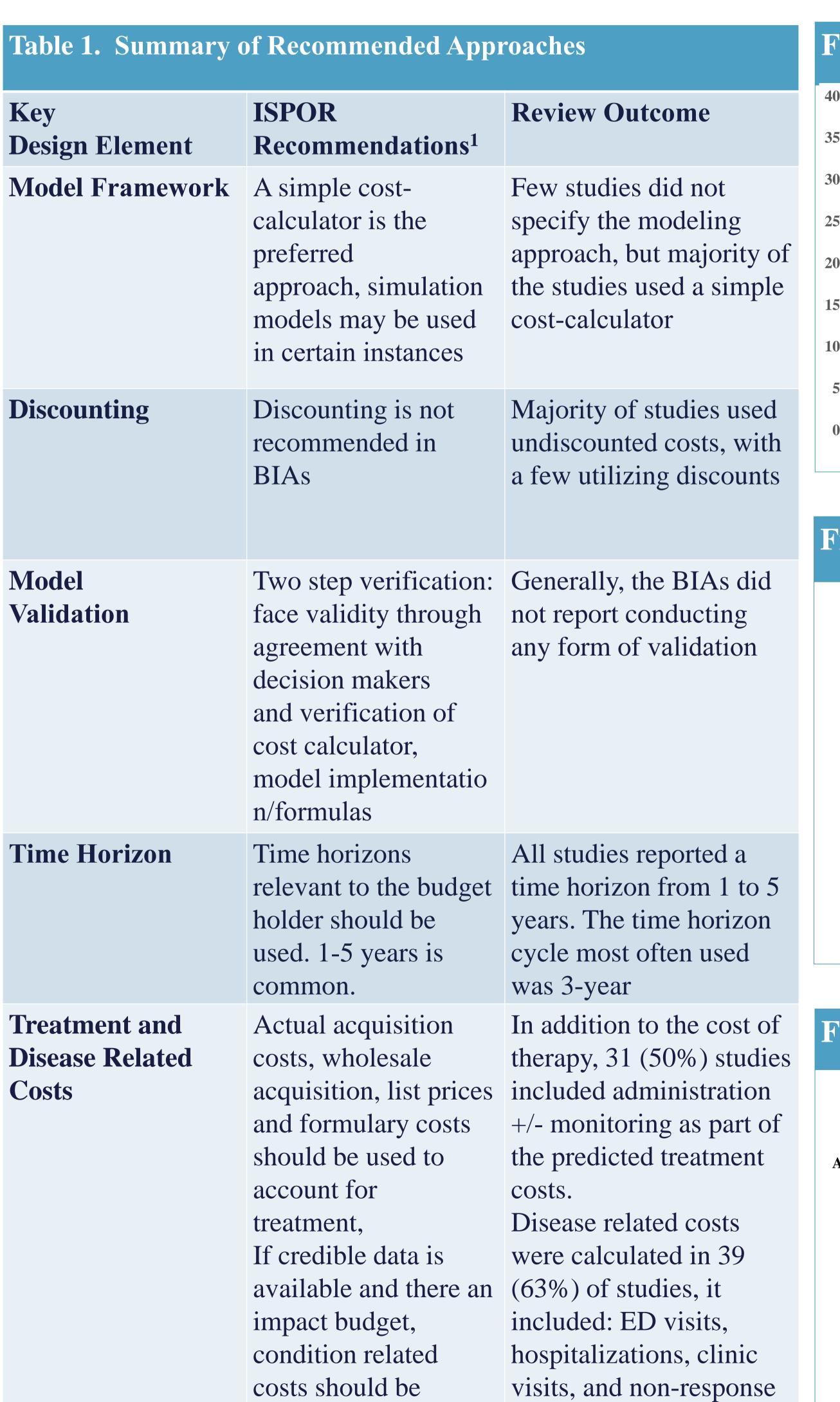
Objective

This research aimed to assess the quality of US published budget impact analyses based on the ISPOR Budget Impact Analyses: Principles of Good Practice Report

Methods

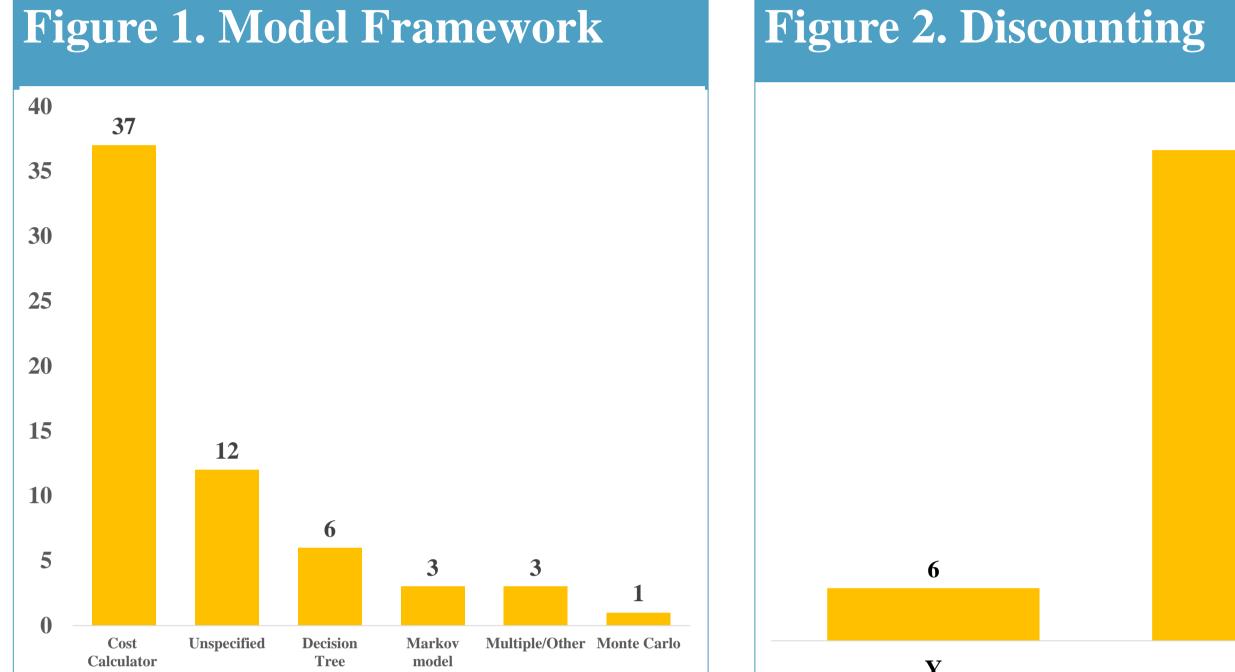


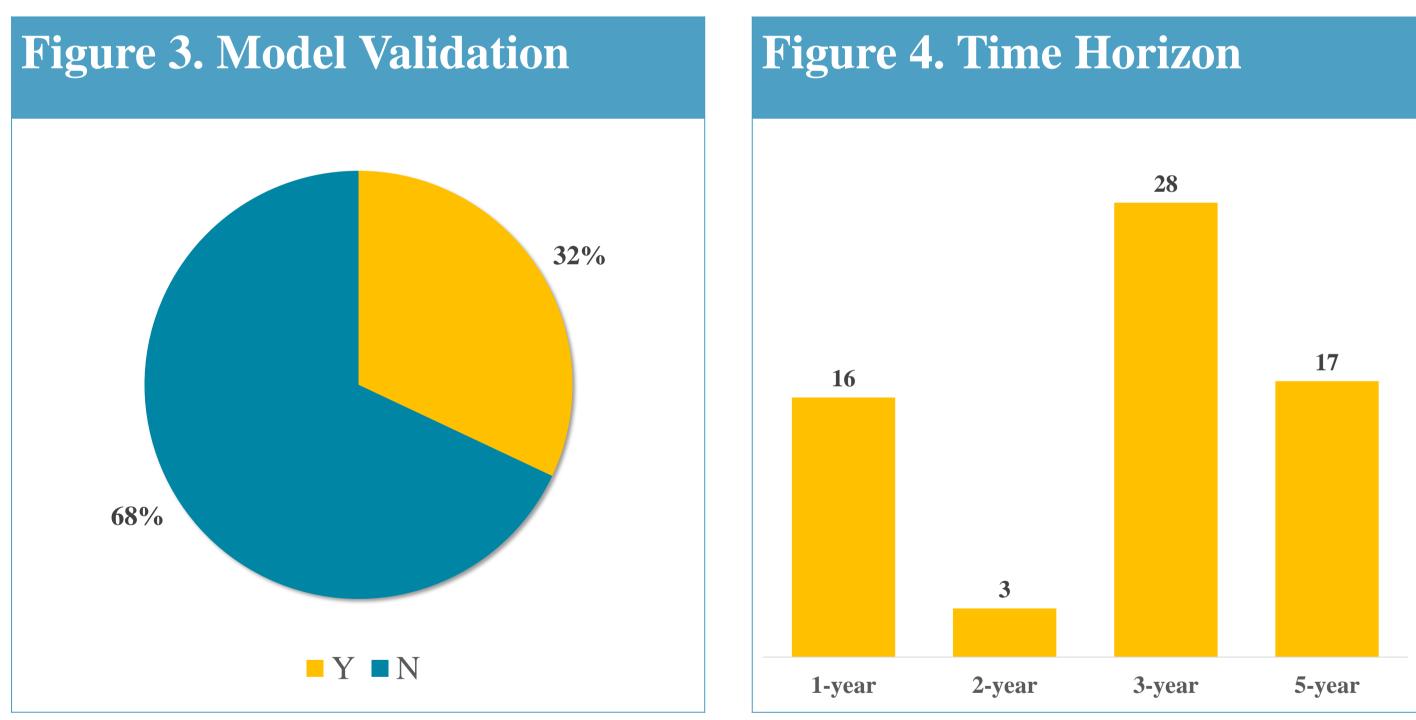
Results

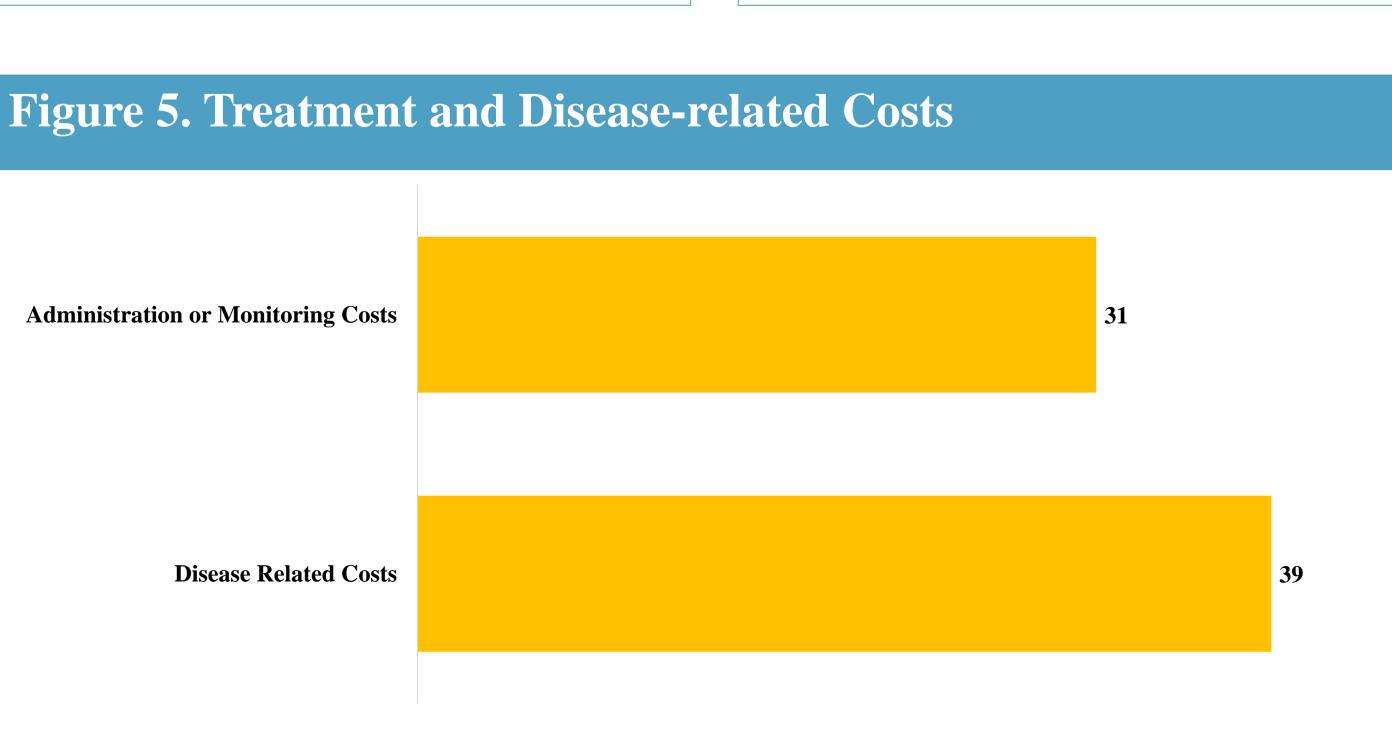


presented

treatment.







- After conducting the literature review, 872 records were identified, 85 full-texts screened, and 62 papers were selected for inclusion
- 20 studies (32%) acknowledged using ISPOR guidelines when conducting the BIM
- 58 studies (93%) used a payer perspective, and 4 studies (7%) used a health system perspective

Conclusion

- Overall, the results indicate low adherence to the ISPOR guidelines.
- Very few papers reported any form of model validation, and the choice of computing framework was not stated in many studies.
- To ensure high-quality BIAs and enhance use among decision makers future researchers should include the key methodological elements provided by ISPOR.

References

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 Principles of good practice for budget impact analysis II:
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Authors have no relevant conflict of interest to disclose.