

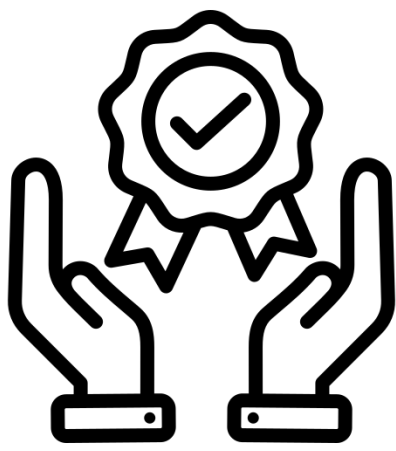
# Effective Digital Solutions for Problem Drinking in Treatment-Seeking Smokers to Reduce the Risk of Cancer

## Introduction



### CHALLENGE:

Over 365,000 Ontarians smoke cigarettes and drink alcohol, best-practice guidelines recommend treating tobacco and alcohol concurrently



### EXISTING GAP:

Few primary care providers in Ontario deliver brief alcohol interventions routinely, and treatments for alcohol and tobacco are usually delivered separately



### PROPOSED SOLUTION:

Digital interventions could address these barriers There is promising evidence that digital interventions can curb problem drinking and help people quit smoking.

## Objective

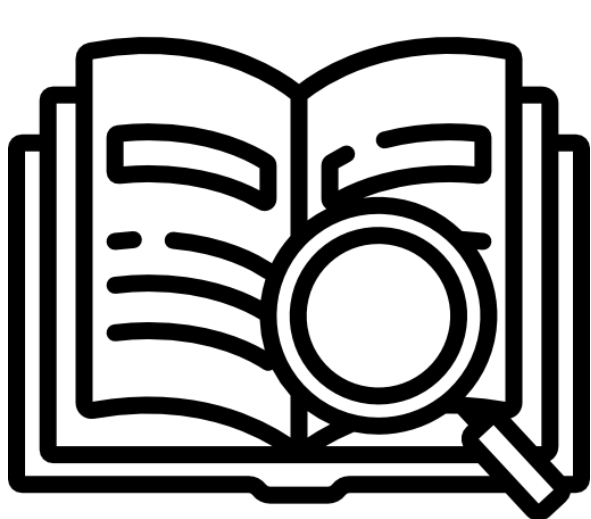


Identify effective Behavioural Change Techniques (BCTs) targeting the dual use of tobacco and alcohol



## Methods

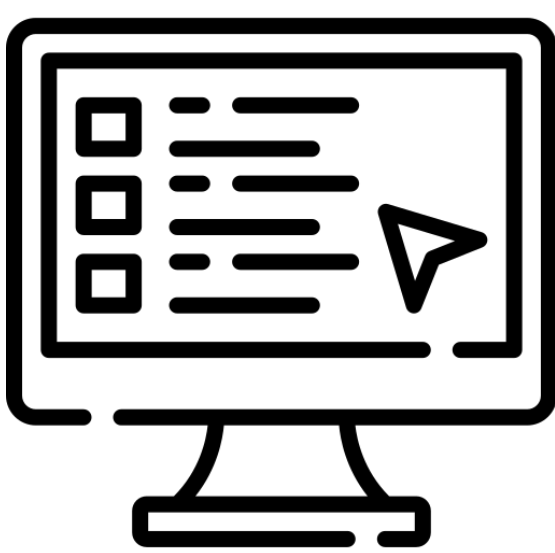
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### Literature Search

Searched Academic databases for relevant literature

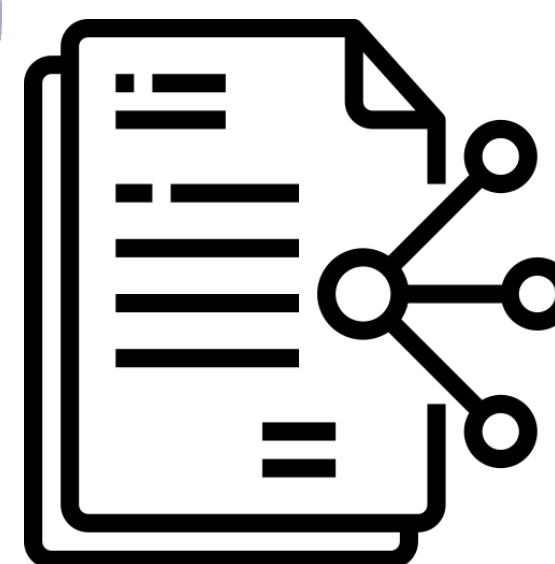
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### Article Screening

Articles were screened based on inclusion/exclusion criteria

3



### Data Extraction

Selected articles were extracted and assessed for bias

4



### Data Analysis

Data analysis was conducted using Covidence and Excel

## Results

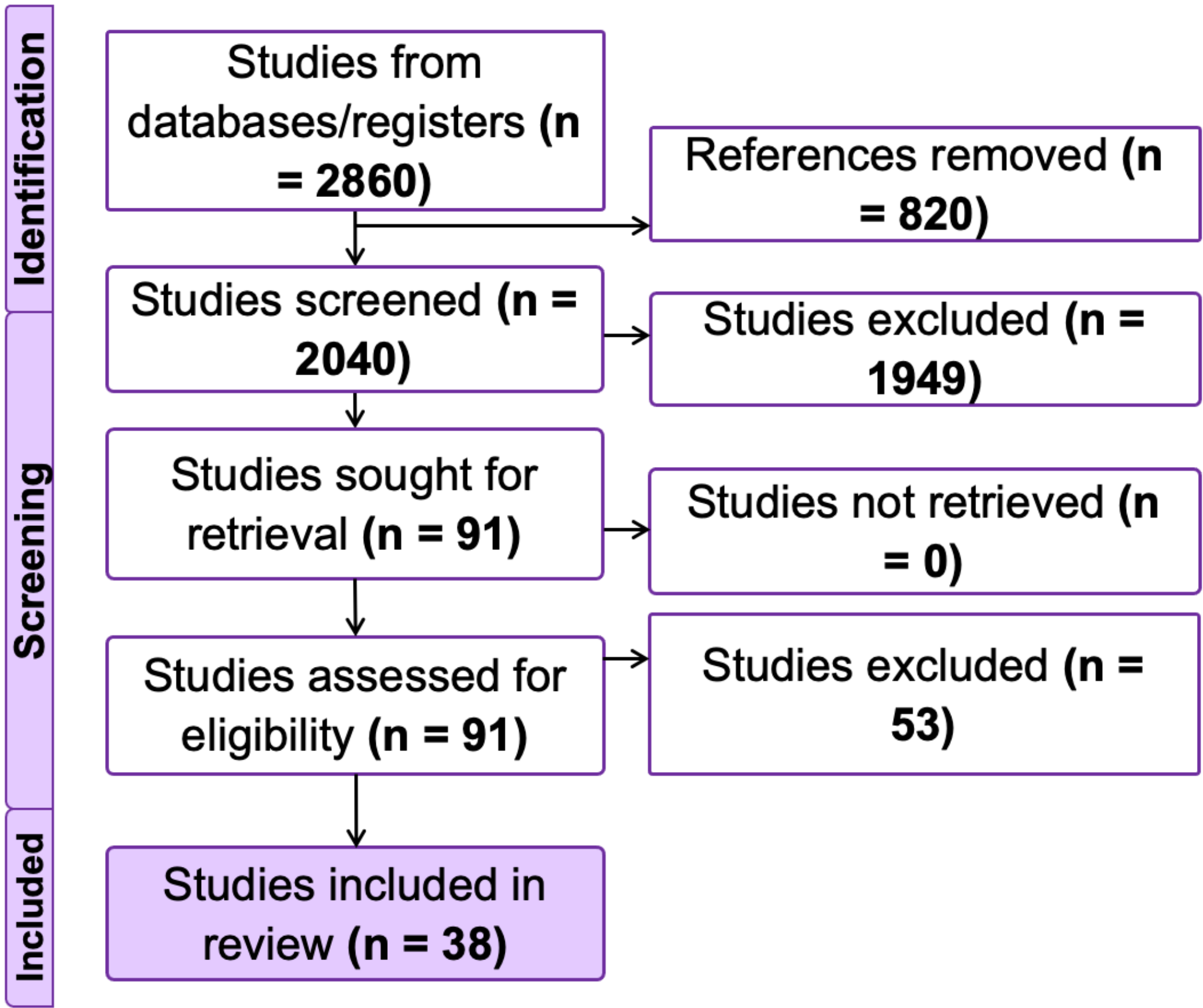


Figure 1. PRISMA flowchart of Review

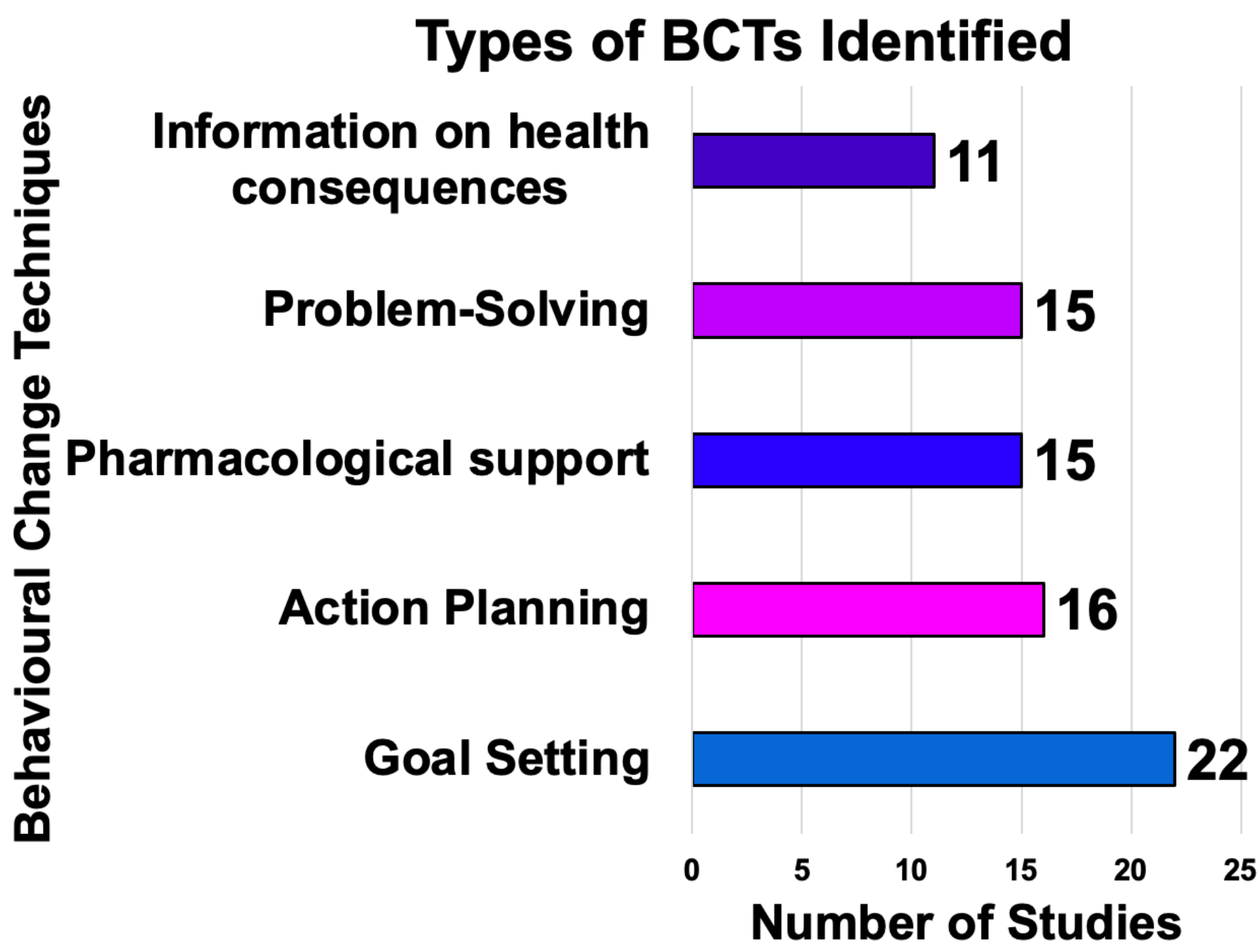


Table 1. Most common types of BCTs identified in review

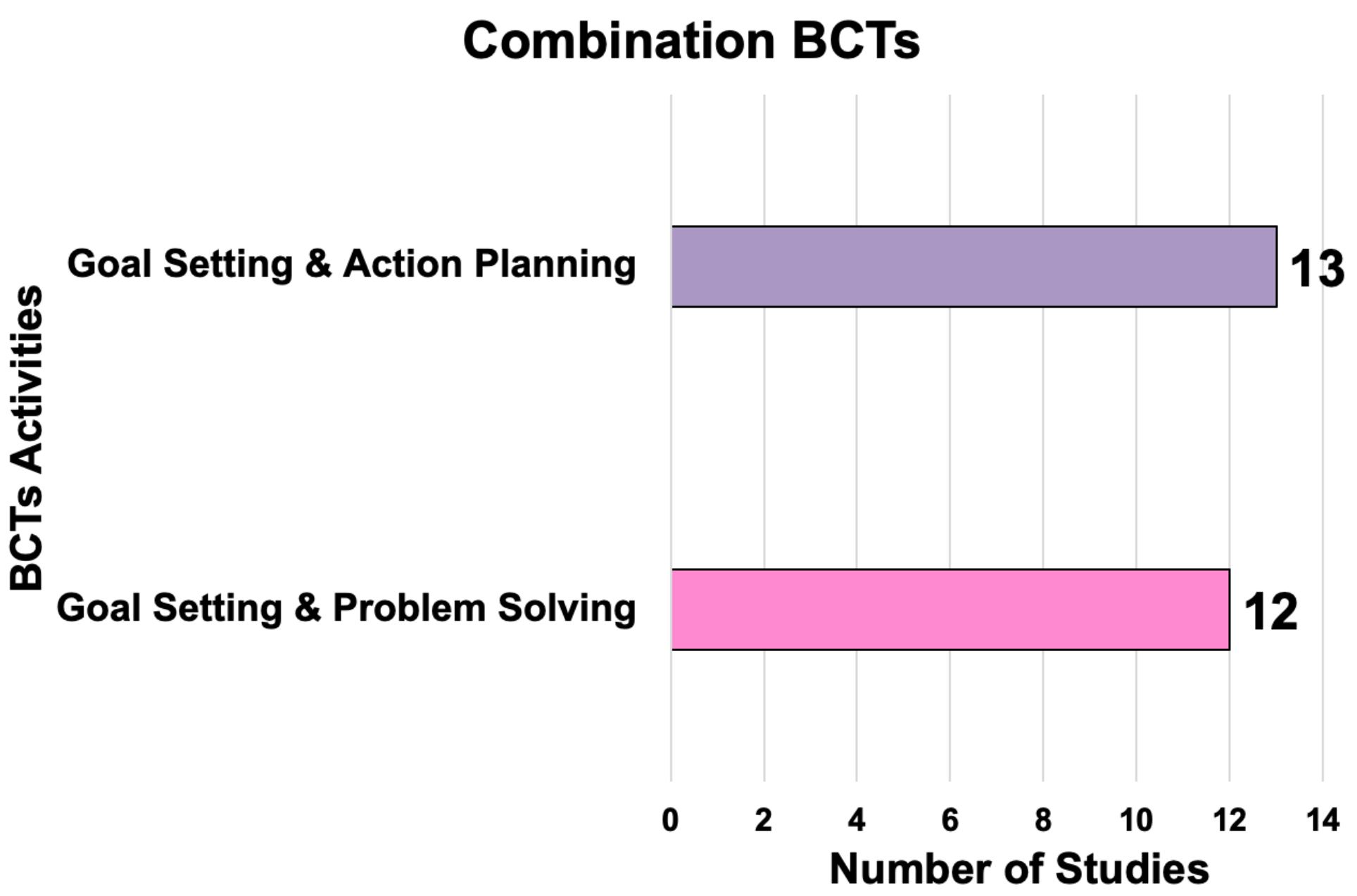


Table 2. Frequency of combination BCTs identified in review

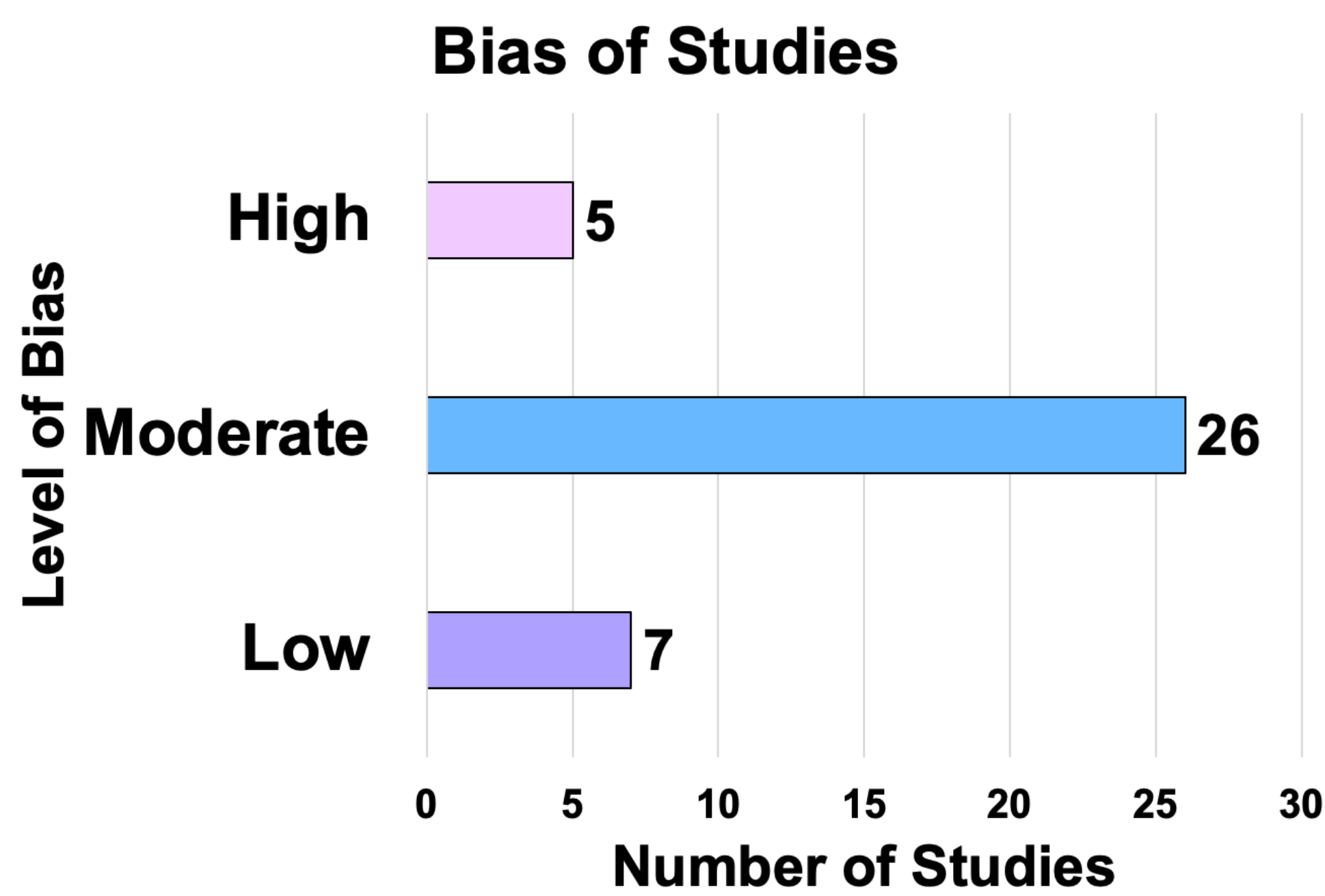
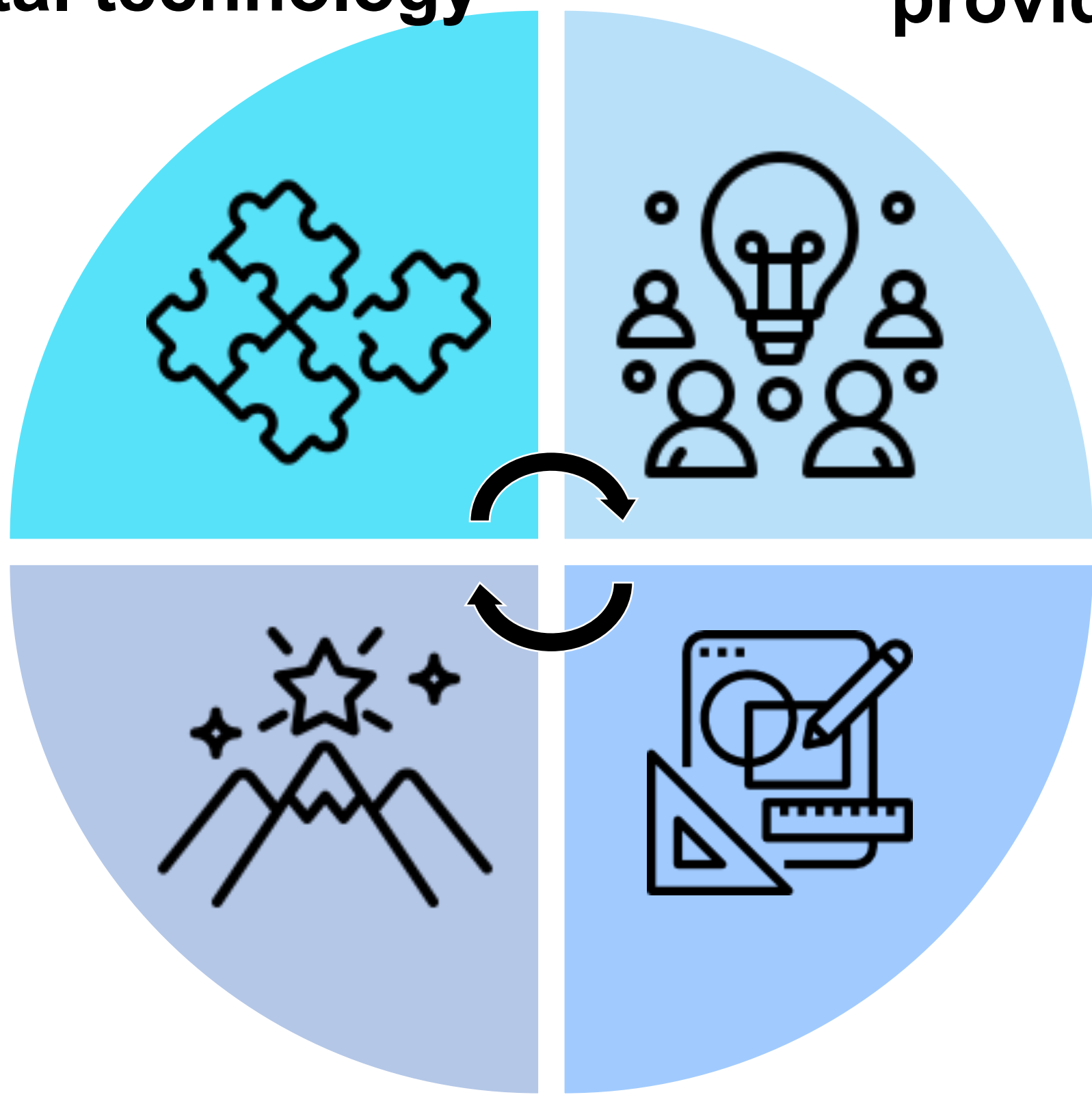


Table 3. Bias level of studies in review using JBI quality assessment checklist

## Conclusion

Decide what components to include in our digital technology

Providing an effective resource for primary care providers



Act as a foundation for helping people who use alcohol and tobacco

Help optimize, reproduce, scale and spread effective digital solutions

## Future Directions



Conduct a Delphi Study by inviting experts in the field to reach consensus on which BCTs to include in our patient portal



## Acknowledgements

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