**­­­­GPT API Models Can Function as Highly Reliable Second Screeners of Titles and Abstracts in Systematic Reviews: A Proof of Concept and Common Guidelines**

**CORRESPONDING AUTHOR**

Mikkel Helding Vembye  
Researcher  
Department of Quantitative Methods

VIVE - The Danish Center for Social Science Research  
Mail: [mihv@vive.dk](mailto:mihv@vive.dk)   
Phone: (+45) 3131 9209

ORCID: 0000-0001-9071-0724

**CO-AUTHORS**

Julian Christensen

Senior Researcher  
VIVE - The Danish Center for Social Science Research  
Mail: [juch@vive.dk](mailto:juch@vive.dk)

ORCID: [0000-0002-4596-6998](https://orcid.org/0000-0002-4596-6998)

Anja Bondebjerg Mølgaard

Senior Analytist   
VIVE - The Danish Center for Social Science Research  
Mail: [anbo@vive.dk](mailto:anbo@vive.dk)

ORCID: [0000-0002-2825-4921](https://orcid.org/0000-0002-2825-4921)

Frederikke Lykke Witthöft Schytt

Student Assistant

VIVE - The Danish Center for Social Science Research

Mail: [flwi@vive.dk](mailto:flwi@vive.dk)

**DATA AVAILABILITY STATEMENT**

R codes for replication of all examples provided in this paper are available on the Open Science Framework at <https://osf.io/apdfw/>. The AIscreenR R package can be assessed at <https://mikkelvembye.github.io/AIscreenR/>

**FUNDING STATEMENT**

This research was funded by VIVE Campbell.

**CONFLICT OF INTEREST STATEMENT**

The authors declare no conflict of interest.

**August 26, 2024**