

The impact of artificial intelligence on occupations and participation in daily life: A scoping review

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OBJECTIVE

To synthesize existing research on how AI impacts, influences, or affects humans' occupations and participation in daily life

METHODOLOGY

FRAMEWORKS

JBI Methodology, Arksey & O'Malley's, PRISMA

DATABASES

PubMed, CINAHL, Web of Science

PUBLICATION DATE

November 2022 - October 2024

SEARCH TERMS

Related to AI, occupation, participation and relationship

STUDY DESIGN

Qualitative, Mixed-method

ARTICLE FORMAT

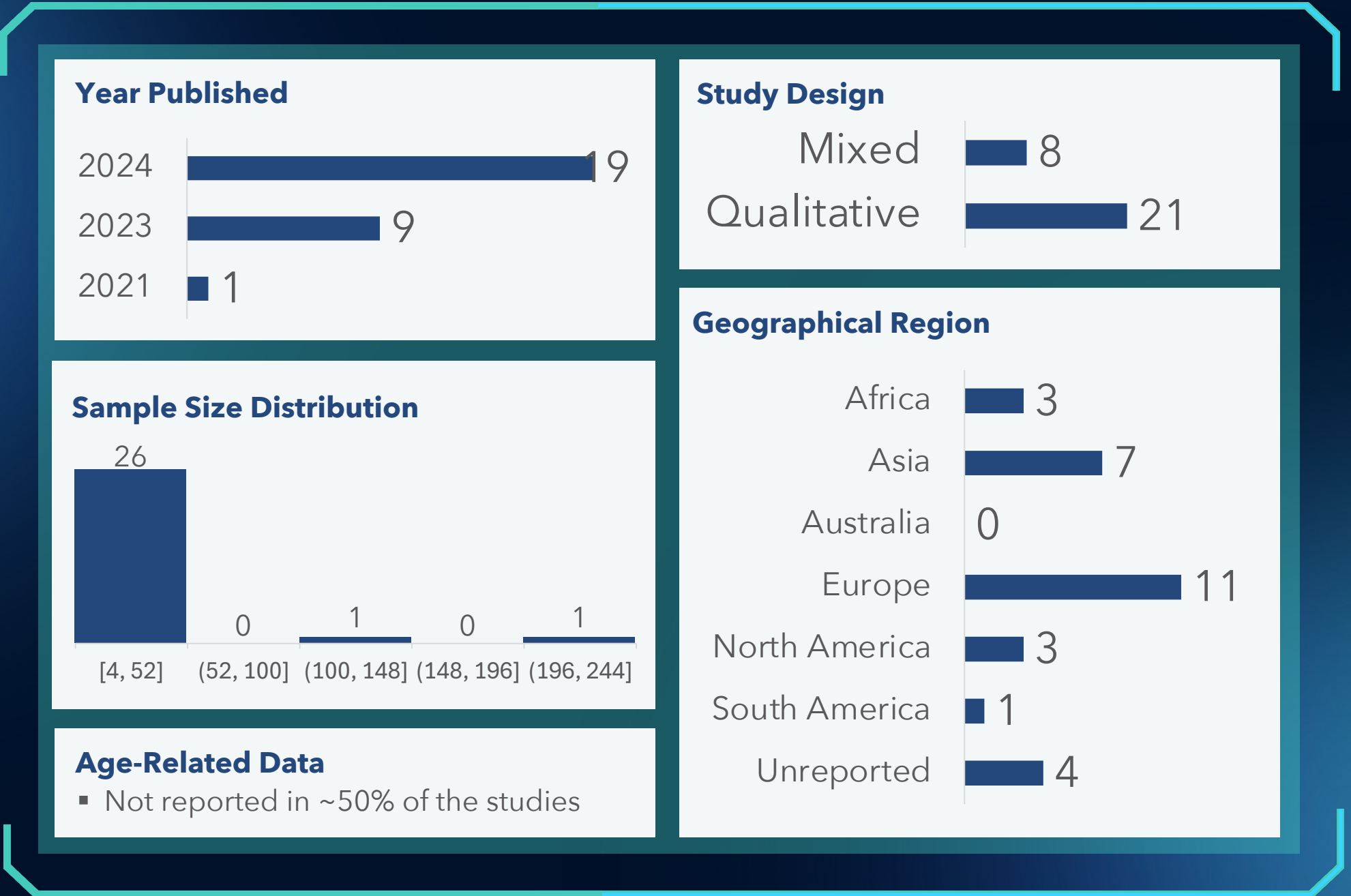
Peer-reviewed literature



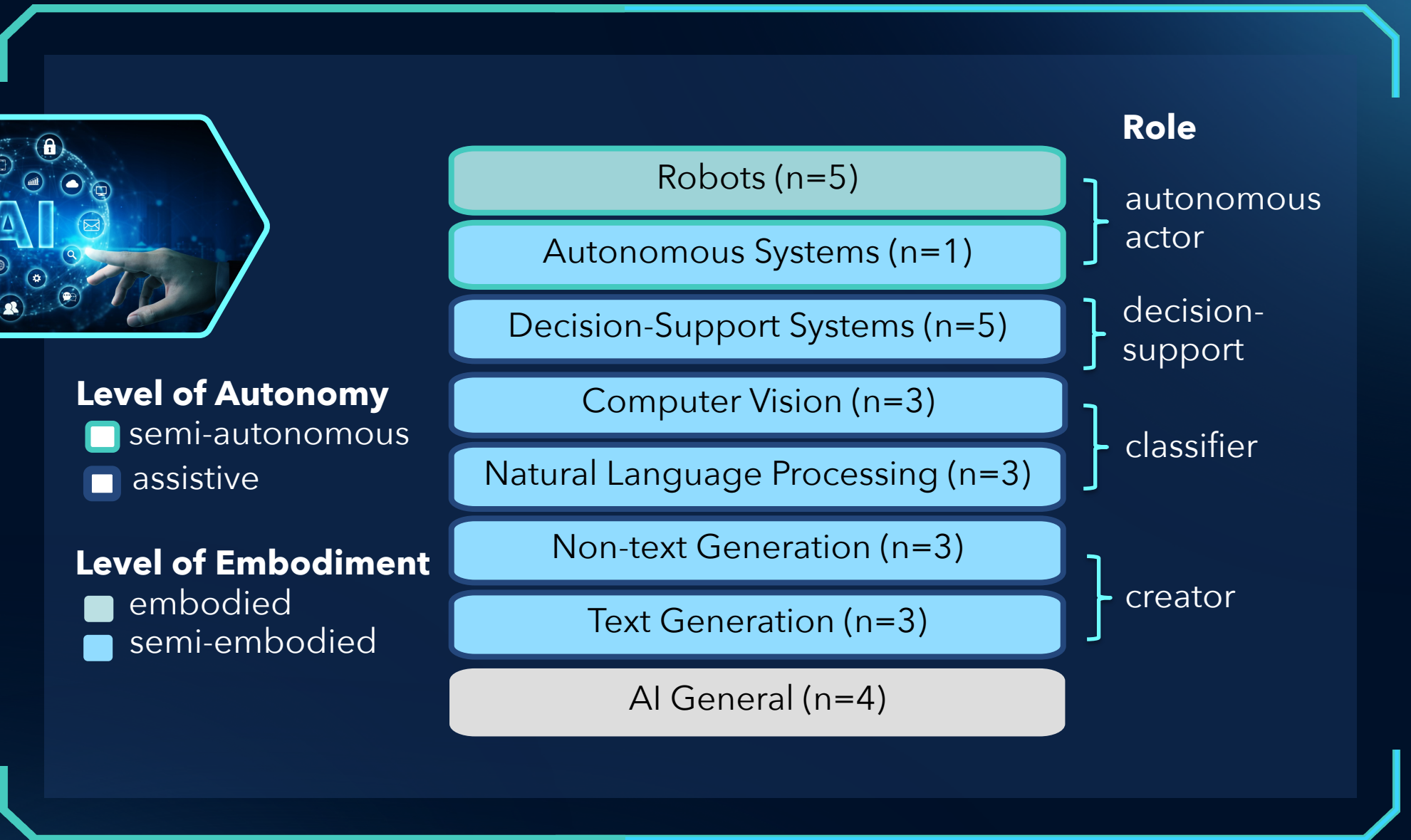
PRELIMINARY RESULTS



Study Characteristics



Types of AI Represented



PRELIMINARY RESULTS

Impact of AI on Occupations

WORK

hospitality service ■ food delivery ■ truck driving
content creation ■ graphic design ■ information literacy
healthcare delivery ■ software development ■ talent acquisition

POSITIVE

Productivity, well-being

DATABASES

Marginalization & othering, deskilling,
ethical concerns, technostress

NUANCED / AMBIVALENT

Reservations on adoption,
apprehensions on potential implications

HEALTH & LIFESTYLE

POSITIVE BEHAVIORAL CHANGE

↑ physical activity, morning routines,
sleep quality, mood, motivation
↓ sedentary behavior

CONCLUSION

The integration of AI in daily life is a double-edged sword, combining potential gains with notable challenges and apprehension.



Open Science Framework Protocol

Sy, M. P., Schneider, J., Kaelin, V. C., Schon, C., Castro de Jong, D. & Carandang, K. A. (2024, December 14). Unpacking the use of artificial intelligence in occupations and daily life participation from an occupational science perspective: A scoping review. <https://doi.org/10.17605/OSF.IO/PY8UA>

