

Review of: "Human-Computer Interaction (HCI) Interventions for People with Disabilities"

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Potential competing interests: No potential competing interests to declare.

The article is a research paper that analyzes the current state of research in the area of human-computer integration applications for disabled individuals. It begins with an introduction that outlines the research goals and questions that the authors aim to answer. The article then provides a literature review on disabilities, HMI, and motor/cognitive impairments, and HMI for people with learning difficulties.

The part of the research paper listed has provided a detailed analysis of the distribution of articles according to the publication year, countries, sample groups, research purpose, types of disabilities, research methods, and technology used in the HCI field for disability. In general, the section appears to be well-structured, organized, and informative.

While the entire article provides a useful overview of the distribution of articles in the HCI field for disability, there are several limitations and areas as mentioned below for improvement that should be addressed to strengthen the research:

- 1. Limited Scope: The scope of the research appears to be limited as it only includes a specific subset of studies related to HCl and disability. As a result, the findings may not be generalizable to other areas or populations.
- 2. Sampling Bias: There may be a sampling bias in the studies included in the analysis, as it is not clear how the studies were selected or what criteria were used to include or exclude them. The studies included may not be representative of all studies in the field.
- 3. Limited Technology Categories: The section only lists six of the most common technologies used, which may not be representative of all technology types used in the studies. As a result, the findings may not provide a comprehensive overview of the technology landscape in the HCI field for disability.
- 4. Ambiguous Terminology: The terminology used in the section is sometimes ambiguous and not clearly defined. For example, the terms "impaired people" and "special needs" are used without clarification, which could lead to confusion or misinterpretation of the findings.

One more limitation of the study is that it only analyzes articles published in the Science Direct database between 2015 and 2022. Therefore, the results may not be representative of all research in the field. Additionally, the study does not provide a detailed discussion of the implications of the findings or recommendations for future research.

However, The article provides a good overview of the current state of research and can be a useful resource for



researchers and practitioners in the field. The research questions are clearly defined and the literature review provides a good background for the study. The article is a suitable contribution to the literature on human-computer integration applications for disabled individuals and can be accepted once the comments are accepted and updated.