

Working title: Data Descriptor for HMC Data Set

Angelica Henestrosa

Leibniz-Institut für Wissensmedien, Tübingen

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Abstract

Since the emergence of large language models (LLMs) in 2022, generative AI has rapidly expanded into mainstream applications, leading to the integration of Apple Intelligence into customer devices in 2024. This integration into personal technology marks a significant shift, bringing advanced AI capabilities into everyday devices and making them accessible to private individuals. Thus, the use of generative AI—consciously or unconsciously—along with interaction through LLM-powered (voice) assistants and engagement with AI-generated content is expected to increase significantly. However, data that link this usage to psychological variables and track it over time remain scarce. This longitudinal study comprises the data from an American sample across six waves at two-month intervals between September 2024 and July 2025. It examines user behavior, attitudes, knowledge, and perceptions related to generative AI. ... This dataset allows for future research on psychological and behavioral dynamics of AI use over time, offering insights into user engagement and the individual factors connected to it.

1 Background and Summary

2 Methods

3 Data Records

4 Technical Validation

5 Usage Notes (optional)

6 Code Availability

All python (version x) an R (version x) code for data anonymization, data cleaning, and preprocessing as well as the cleaned and the preprocessed data

sets for each wave are stored in the public repository [\[link\]](#).

References

Author Contributions

Competing Interests

Acknowledgements

Hier ist ein R-Chunk:

```
> x <- rnorm(100)
> summary(x)
```

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-2.24450	-0.46612	0.04537	0.04214	0.61126	2.97660