BMF CP96: The roles of healthy eating information-seeking ability and e-health literacy in healthy eating

AISDL Team

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"Innovation can help Kingfisher conserve energy while maintaining a sense of tranquility, which is suitable for an increasingly advanced age with diminishing physical strength."

—In "Innovation"; *Wild Wise Weird* (2024)

[COLLABORATIVE PROJECT]

1. Project description

1.1. Main objectives

The current study is conducted to examine the following research question:

- How are healthy eating information-seeking ability and e-health literacy associated with healthy eating intention?

1.2. Materials

The granular interaction thinking of mindsponge theory will be used for the conceptual development of this study, while Bayesian Mindsponge Framework (BMF) analytics will be

used for statistical analysis [1-4]. The dataset comprises responses from 9775 people living in Qazvin province, Iran, between January and April 2022 [5]. Statistical analyses will be conducted using the bayesvl R package, which utilizes the Markov chain Monte Carlo (MCMC) algorithm for estimation [6]. For the sake of research transparency and reducing research and reproducibility costs, we have stored all data and computer code on Zenodo: https://zenodo.org/records/13859254.

1.3. Main findings

The preliminary analysis shows that healthy eating information-seeking ability and e-health literacy are positively associated with healthy eating intention. However, the moderation effect of e-health literacy on the relationship between healthy eating information-seeking ability and healthy eating intention is ambiguous (see Figure 1).

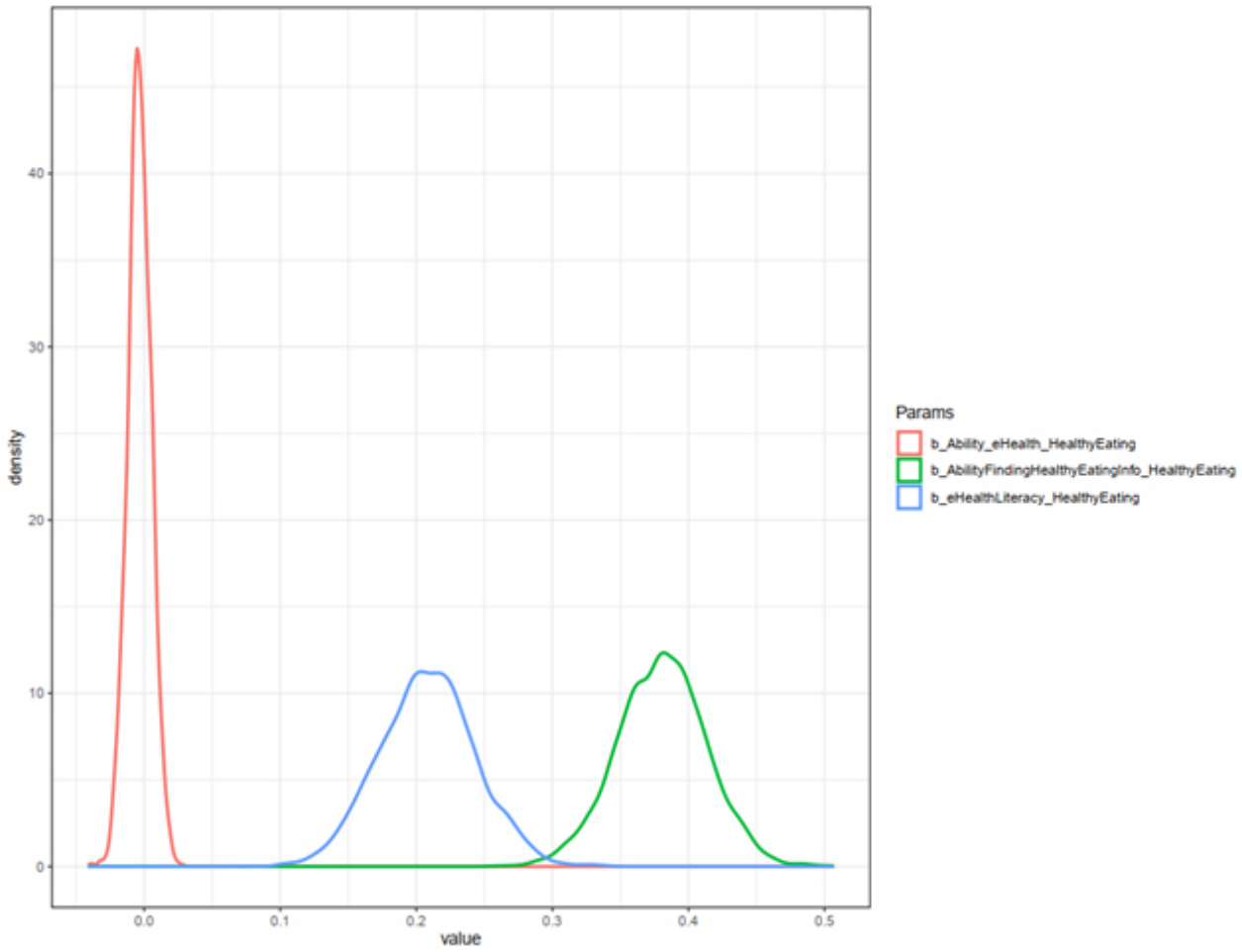

Figure 1: The estimated posterior distributions

2. Collaboration procedure

Portal users should follow these steps for registering to participate in this research project:

1. Create an account on the website (preferably using an institution email).
2. Comment your name, affiliation, and your desired role in the project below this post.
3. Patiently wait for the formal agreement on the project from the AISDL mentor.

If you have further inquiries, please contact us at aisdl_team@mindsponge.info

If you have been invited to join the project by an AISDL member, you are still encouraged to follow the above formal steps.

All the resources for conducting and writing the research manuscript will be distributed upon project participation.

AISDL mentor for this project: ***Minh-Hoang Nguyen***

AISDL members who have joined this project: Quan-Hoang Vuong, Viet-Phuong La.

The research project strictly adheres to scientific integrity standards, including authorship rights and obligations, without incurring an economic burden at participants' expenses.

References

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