

## Collaborative Learning Discussion 2

### Discussion Topic - Case Study: Accuracy of information

#### My 1st Peer Response to another Student

Thank you Hamad for a great post that highlights the importance of integrity and transparency for protecting a researcher and their findings.

It was interesting to read that the core of your post for Abi had been on Integrity, and i say that because the topic “Integrity” appears to be a key aim for many researchers, especially for those who insist on its importance to support their findings via transparency (Soehartono et al, 2022; Malički et al, 2020). You had stated that “A key guiding principle that should inform Abi’s research approach is upholding scientific integrity”, and this principle is also strongly supported by Hicks et al (2015), Wagenmakers et al (2021) and Soehartono et al (2022).

In your initial post, you suggested that “Abi can safeguard himself against legal or professional misconduct by providing reproducible and verifiable results” as a way for him to uphold scientific integrity. This would also be helpful for other researchers to clarify the data in support of Abi’s findings. The Food Standards agency may either run their own investigation by clarifying the findings or monitor the research via the Food Standards Act 1999, section 8: paragraph 1 & 2(a). This act allows the Food Standard Agency to observe the data findings to protect the interests of consumers in relation to food” (Food Standards Agency, 1999).

#### **References**

Food Standards Agency (1999) Food Standards Act 1999. Legislation.gov.uk. Available from: <https://www.legislation.gov.uk/ukpga/1999/28/section/8> [Accessed on 14th August 2023]

Hicks, D., Wouters, P., Waltman, L., De Rijcke, S. and Rafols, I., (2015) Bibliometrics: the Leiden Manifesto for research metrics. Nature, 520(7548), pp.429-431. Available from: <https://www-nature-com.uniessexlib.idm.oclc.org/articles/520429a> [Accessed on 14th August 2023]

Malički, M., Jerončić, A., Ter Riet, G., Bouter, L.M., Ioannidis, J.P., Goodman, S.N. & Aalbersberg, I.J. (2020) Preprint servers’ policies, submission requirements, and transparency in reporting and research integrity recommendations. JAMA, 324(18): 1901-1903. Available from: <https://jamanetwork-com.uniessexlib.idm.oclc.org/journals/jama/fullarticle/2772748> [Accessed on 14th August 2023]

Soehartono, A.M., Yu, L.G. & Khor, K.A. (2022) Essential signals in publication trends and collaboration patterns in global Research Integrity and Research Ethics (RIRE). Scientometrics, 127(12): 7487-7497. Available from: <https://link-springer-com.uniessexlib.idm.oclc.org/article/10.1007/s11192-022-04400-y> [Accessed on 14th August 2023]

Wagenmakers, E.J., Sarafoglou, A., Aarts, S., Albers, C., Algermissen, J., Bahník, Š., van Dongen, N., Hoekstra, R., Moreau, D., van Ravenzwaaij, D. and Sluga, A., (2021) Seven steps toward more transparency in statistical practice. *Nature Human Behaviour*, 5(11): 1473-1480. Available from: <https://www-nature-com.uniessexlib.idm.oclc.org/articles/s41562-021-01211-8> [Accessed on 14th August 2023]