<u>Collaborative Learning Discussion 2</u>

<u>Discussion Topic - Case Study: Accuracy of information</u>

<u>My 2nd Peer Response to another Student</u>

Thank you Laura for such a well rounded initial post which covers all corners of Abi's potential dilemma.

It appears that the biggest challenge for Abi had been in deciding where the legal, ethical and duty boundaries are. On the one side, Abi had been carrying out the research on behalf of the manufacturer, but on the other side of the dilemma is that the data findings may not be favorable for the manufacturer and therefore, Abi feels conflicted with the possible next steps.

It also appears that Abi has potential conflicts regarding the positive and negative data findings on the nutritional values of Whizzz. According to Leckert (2021) and Kanchan & Krishan (2019), there are two various manifestos which can help to avoid crises within research called the "Leiden Manifestos" and "Altmetrics Manifesto".

Do you think that if Abi used a manifesto framework such as the Leiden Manifesto, it could have helped mitigate the uncertainties of how to present the findings and therefore reduce any potential risk to Abi's research integrity?

You had stated in your summary section that "trusting the original results and not manipulating them for a more palatable outcome seems the most ethical route". This opinion is also supported by recent research carried out by Soehartono et al (2022) which discusses patterns in Global Research Integrity and Research Ethics (RIRE). In this study, Soehartono et al (2022) States that "the credibility and research reputation of an institution is intimately tied to its ability to produce quality research with good accountability".

To avoid bias outcomes in data findings, Hicks et al (2015) also Suggest that "quantitative information must not be allowed to morph from an instrument into the goal".

Therefore, it seems that presenting data in its primary form, with transparency, without bias or a proposed idea to what the data should demonstrate, is a fundamental basis for data integrity.

<u>References</u>

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]

Leckert, M. (2021) (E-) Valuative Metrics as a Contested Field: A Comparative Analysis of the Altmetrics-and the Leiden Manifesto. Scientometrics, 126(12): 9869-9903. Available from: https://link-springer-com.uniessexlib.idm.oclc.org/article/10.1007/s11192-021-04039-1#Abs1 [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]