

Dear editor,

Thank you for the thorough review and the insightful comments and corrections. We have carefully addressed all the technical corrections as outlined. Below, we provide a detailed response to each of the points raised:

Fig. 1 is missing legend entry and caption narrative for the green colour for the correlation index.

We have added the requested narrative to the caption for Figure 1, clarifying that red circles indicate correlation indices that do not meet the defined threshold, and green circles indicate those that do meet the threshold.

Please refactor Figs 1, 2, 4, 5, and 7, so that these are accessible to colour blind (best check by printing in greyscale palette) – please use different line styles and symbols so that the legend is unambiguous even if not discerning colours.

We have corrected the luminosity and updated the line styles and symbols in Figures 1, 2, 4, 5, and 7 to ensure the different elements are distinguishable when viewed in grayscale, making them accessible to color-blind readers.

For the Baker et al. 2022 arXiv reference, please use the published peer-reviewed version: <https://doi.org/10.1109/TVCG.2023.3332843>.

The reference to Baker et al. 2022 has been updated to the published, peer-reviewed version with the DOI provided.

Gong et al. 2023 has bogus URL in reference list (<https://doi.org/https://doi.org/>...).

The URL for the Gong et al. 2023 reference has been corrected.

The Lawrence et al. 2019 URL leads to an error message on missing document.

We have fixed the URL for Lawrence et al. 2019 to point to the correct document.

The HDF5 Filters reference URL leads to a 404 error page.

The HDF5 Filters reference URL has been corrected to avoid the 404 error page.

Underwood et al. 2021 reference is missing a DOI:

<https://doi.org/10.1109/DRBSD754563.2021.00005>.

The DOI for Underwood et al. 2021 has been added.

In Code availability sections, some Zenodo DOIs are given with

<https://zenodo.org/doi/>... URLs, while another with <https://doi.org/>... URL – please unify (best to use <https://doi.org/> as in the references).

We have standardized all Zenodo DOI links in the Code availability section to use the <https://doi.org/>... format, ensuring consistency with the references.