Review of: "A simple direct empirical observation of systematic bias of the redshift as a distance indicator"

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Potential competing interests: No potential competing interests to declare.

- I think that this paper is based on a good idea and that it might indeed be fundamental to correct for such effect, however it lacks the scientific rigor essential to convey a sound message.
- I feel the paper lacks a clear and deep explanation of the methodology and several concepts important to convey the author's message. For example, I believe that the author will need face-on spiral galaxies so that his method to estimate the direction of rotation will work, which is not specified anywhere, why the author takes only face-on galaxies.
- Not totally sure on the reliability of the method used to extract the direction of rotation of the sampled galaxies. What happens in the case that the galaxy has suffered a recent minor merger, or have prominent SF blobs, or is too symmetric as the case of some spirals that possess arms which are more circular? How then this method will correctly capture the direction of rotation?
- In addition, the author doesn't explain why the preference to the northern plane. Is it because only here one can really tell if the face-on galaxy is rotating in the same or in the opposite direction as the MW? This once more lacks explanation... And, this would be only valid if the Solar System is aligned with the Galactic plane, which is not. So Im once more confused on how the author estimates if the sampled galaxies are or not rotating in the same direction of the Galaxy through his method.
- I also dont understand why the author prefers to use photometric data instead of spectral data to estimate the rotation of galaxies.
- Another thing it crossed my mind is, even if the extra-galactic object is rotating in the same direction of the MW, it might be that we are going in opposite directions (when a galaxy is rotating in the same direction of the MW, still half of the galaxy is moving in the opposite direction, i.e., moving away from us). How would such effect impact this study?
- To summarize, although I think that the author is correct that not considering the rotation of the MW might be a source of fallacies, and it should somehow be corrected from when studying other galaxies, this paper lacks a) a methodical and in-depth explanation of the adopted methods, concepts and conjectures; and b) confirmation of the integrity of the method by extracting kinematics from spectroscopic data.