

# Review of: "Solving the naming ambiguity of auditory localization mechanisms: HRTF & HRSL, and ILD, ITD, IPD"

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**Potential competing interests:** No potential competing interests to declare.

This paper re-invented various concepts with a profound understanding. I recognize the potential for enhancing its quality. However, before reaching the standard for publishing, I have some concerns:

1. The paper lacks proper formatting as the sections should be numbered to facilitate easier reference.
2. The final section on ILD, ITD, IPD appears unfinished, with insufficient content for a standard research publication.
3. I don't believe this work offers significant novelty. The target problem and motivation seem more related to industrial standards than a strictly scientific issue. It is likely to be of interest to the working group within a specific standards committee rather than ordinary researchers.
4. The use of different abbreviations in various papers may not be a significant concern. Researchers may have choice to use their own phrases.
5. Concerning the methodology, the paper lacks a rigorous scientific approach and instead relies heavily on the author's opinions. To improve this, I suggest conducting a comprehensive review of a larger number of reference papers, analyzing the distribution of the names used in each reference, and drawing statistical conclusions based on this extensive review. Considering only four references may not suffice; I recommend reviewing at least 40 papers to propose new naming terms that can gain wide acceptance within the community.
6. In my humble opinion, you should transform this paper into a review of the related field and incorporate the proposed names as part of your contribution. By creating a thorough review paper, it has a higher chance of being cited by a number of researchers, and you would have a real opportunity to name something according to your own ideas.