

Review of: "k2SSL: A Faster and Better Framework for Self-Supervised Speech Representation Learning"

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Potential competing interests: No potential competing interests to declare.

The paper is well-written; however, it could be improved by:

discussing transfer learning, specifically the fine-tuning principle. The authors are invited to read:

[Deep transfer learning for automatic speech recognition: Towards better generalization](#)

Real-time parameter investigation is also missing, since transformers are resource-consuming techniques. Comparison is also required with state-of-the-art techniques.