Extending the Music Transformer to Americana

`github.com/gregwinther/folk_transformer`

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1   Introduction

The Transfomer model [1] is great. It can be applied to music [2], but has limited success with some music, like jazz [3].

2   Theory

Some stuff about the transformer model here.

References

1. Vaswani, A. *et al. Attention is all you need* in *Advances in neural information processing systems* (2017), 5998–6008.

2. Huang, C.-Z. A. *et al. Music transformer: Generating music with long-term structure* in *International Conference on Learning Representations* (2018).

3. Wu, S.-L. & Yang, Y.-H. The Jazz Transformer on the Front Line: Exploring the Shortcomings of AI-composed Music through Quantitative Measures. *arXiv preprint arXiv:2008.01307* (2020).