

Cover Letter

February 15, 2024

The paper received two reviews:

1. This is an interesting paper tackling an interesting problem. The proposed methods are, as the authors say themselves, “minimalistic”, and not particularly novel, they are a first attempt at such data. I especially appreciate the sharing of the source code. Hopefully the annotation interface can be open-sourced as well to encourage more work along this direction as well as larger scale data collection efforts. Overall a nice contribution to the workshop.
2. Learning to play the piano involves progressing through various practice modes, each focusing on different skills like hand coordination, timing, and pitch. Traditional self-guided practice is often ineffective, and there is no existing model for scheduling optimal practice. This study proposes a computational framework using a Gaussian process, designed to dynamically adapt practice modes to individual learners, emulating a teacher’s guidance. The framework includes learner state analysis, mode selection, performance evaluation, and expert knowledge, aiming to mimic expert-learner interactions.

Neither review requested changes to the paper. The code for the annotation interface was already made available in the “data availability” section. We de-anonymized the paper, and moved pictures from the appendices into the main text, and made some minor typographical corrections.