

USING LYRICAL DURATION FOR AUTOMATIC LYRICS-TO-AUDIO ALIGNMENT IN CLASSICAL TURKISH MUSIC

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Abstract

- automatic lyrics-to-audio alignment
- synchronisation of sound and lyrics on lyrical phrase level
- speech-to-text alignment

models sung vocal durations on polyphonic and acapella recordings from classical Turkish music

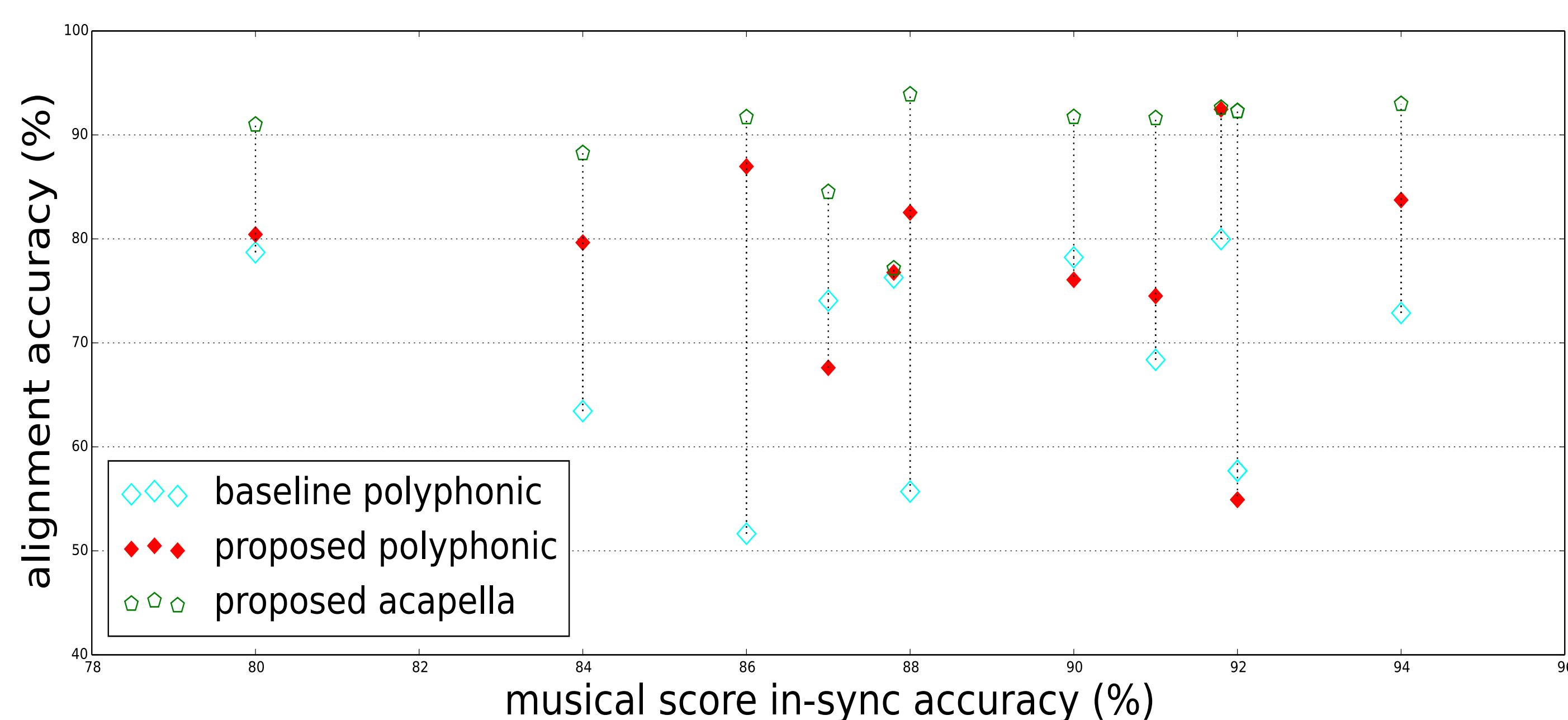
Motivation

- automatic Karaoke
- playback navigation by lyrics currently manual in musixMatch and Deezer
- lack of reproducible research on this topic

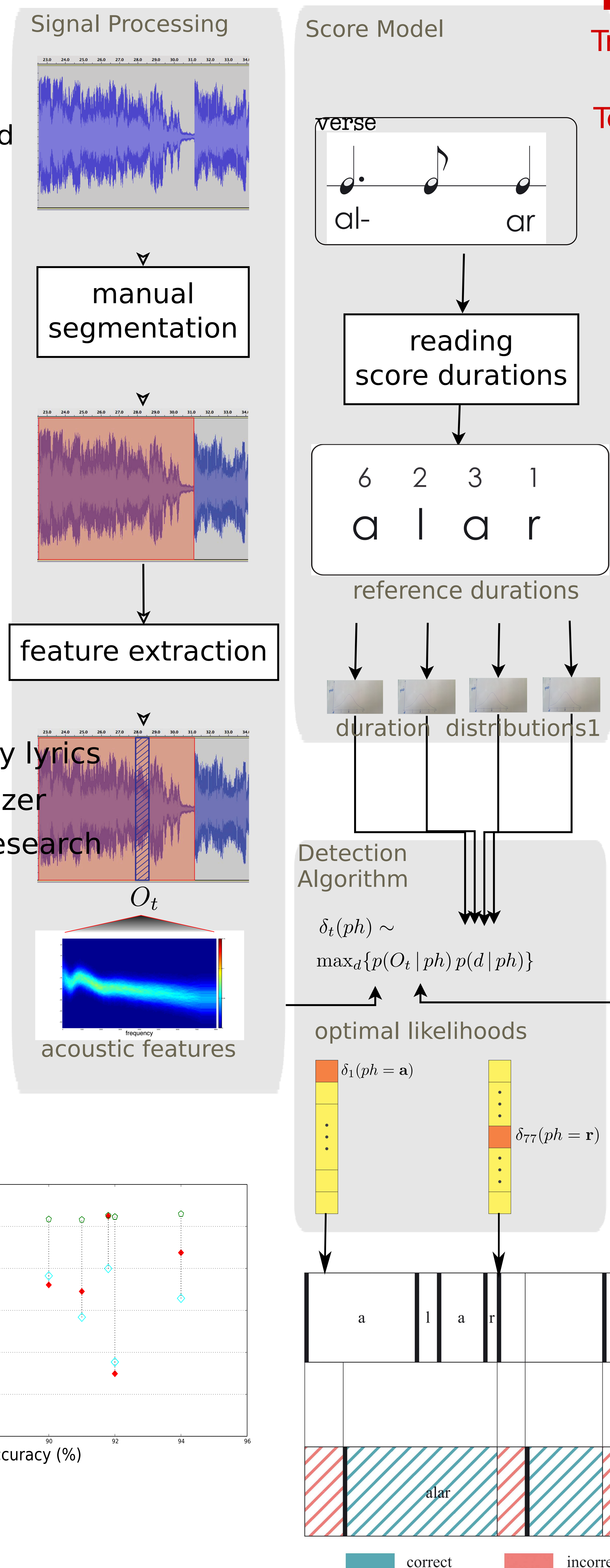
Results



<https://vimeo.com/121270319>
example result



Approach



Dataset

Training Corpus

~500 minutes Turkish speech

Test Corpus

12 recordings, ~18 mins

- original from



- special acapella versions



<http://dunya.compmusic.upf.edu/makamplayer/>
listen to dataset