

Erratum to the paper *Validating Attack Phase Descriptors Obtained by the Timbre Toolbox and MIRtoolbox*

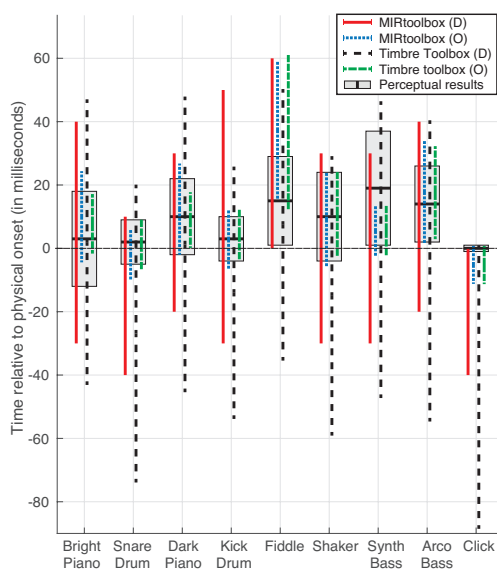
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The paper *Validating Attack Phase Descriptors Obtained by the Timbre Toolbox and MIRtoolbox* was presented at the 2017 Sound and Music Computing conference and published in the conference proceedings. We have discovered an error in one of our MATLAB scripts, leading to incorrectly reported results for the MIRtoolbox default settings.

The figure below was included in the published article. The values shown in the solid red vertical lines are incorrect.

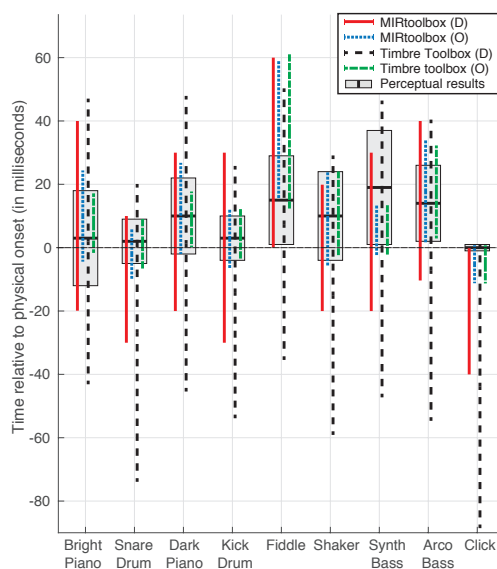
The published paper reported a mean Jaccard Index for MIRtoolbox defaults at 0.41.



Original figure

When corrected, the values for MIRtoolbox default are different for 6 of the sound files: Bright piano, Snare Drum, Kick Drum, Shaker, Synth Bass and Arco Bass.

With the correct values, the mean Jaccard Index for MIRtoolbox defaults should be adjusted to 0.40.



Corrected figure

Significance of this error

The MIRtoolbox default values served as a baseline in the paper to argue that the `mironsets()` function with default settings was not suited (nor intended) for estimation of attack phase descriptors. Although the corrected default values does shift the baseline for our argument slightly, the baseline is still far from the results we obtained for optimised parameter settings. As such, the mistake does not affect the reported results nor the discussion in the paper.