## beatriyming probes the nature of the interfage between phonology and beatboxing

## Reed Blaylock, Ramida Phoolsombat \| reed.blaylock@gmail.com | University of Southern California

| BEATBOXNG AND SPEECH |  |
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| Beatboxing is a vocal activity that helps us understand speech. |  |
| ABOUT BEATBOXING Be |  |
| Beatboxing is a form of vocal music, characterized by the use of sounds that emulate percussion and synthesized music. |  |
| As a tool for studying the relationship between speech and other behaviors, beatboxing is: |  |
| Convenient <br> Beatboxing uses the vocal tract, which we understand fairly well. | Useful <br> Beatboxing sounds are organized and coordinated, but without meaning. |
| Analyzing the extent to which speech representations are related to other vocal tract representations offers new information about how speech representations are situated in cognition. |  |
| We can learn more about speech by studying the phonetics and phonotactics of beatboxing. |  |

## (2) WHAT HAPPENS WHEN BEATBOXING AND SPEEGH GO-OGGUR?

Beatrhyming is created by mixing speech sounds and beatboxing sounds within an utterance.
beatboxing sounds beatrhyming hypotheses and predictions


## 3 ANALYSIS: GOUNT THE REPLAGEMENTS



## CONCLUSION

Future work on beatrhyming may provide further insights about speech and vocal behaviors in general.

## IMPLICATIONS ABOUT SPEECH

Beatrhymers develop a relationship between speech sounds and beatboxing sounds which allows intelligible replacements of speech sounds by beatboxing sounds.

## FUTURE WORK

To get a better understanding of the unique behavior of dorsals in beatrhyming, we intend to:

- Assess whether this behavior is song-specific by looking at more beatrhyming performances - Incorporate rhythmic and metrical information into the analysis to see if certain sounds are licensed exclusively in certain metrical positions or rhythmic patterns
- Analyze other, non-replacement interactions (e.g. interruptions) in beatrhyming


## REFERENCES

isit hitps://reedblaylock.com for fuil references.

