Vocal clones

Recently announced

Microsoft VALL-E software:

- can mimic a particular voice from 3-second sample
- not yet released

Eleven Labs

- Voice generator released in January
 - Speech synthesis
 - Text-to-speech
- Started by ex-Google and ex-Palantir engineers
- Used to replicate voices of pop stars
- Fake examples posted on 4chan
- Charges per 1000 characters

Lots of hybrid experimentation

- Voices cloned, music not cloned
- Mashups
- Duets by real and virtual singers
- Lyrics generated by AI software
- Myriad IP (Intellectual property) issues; voices are not copyrighted

More cloning styles

Human song, GPT lyrics

Software to isolate voice from other tracks

RIAA is protesting on several grounds

Holly Herndon: Holly+

CCRMA c2012

Lives in Berlin

Holly+ reinterprets songs in her voice

Users can download audio and hear download in Herndon's voice

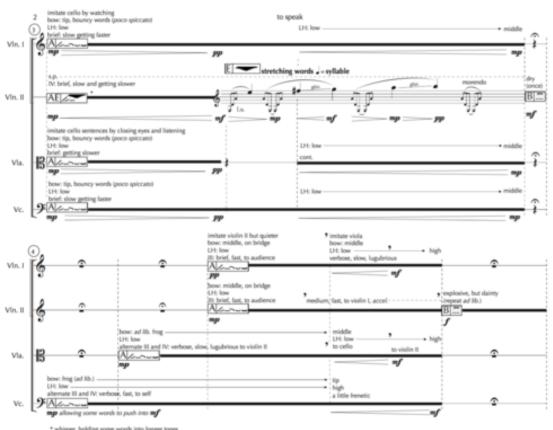
She warns against signing away "voice rights"

"Jolene": https://youtu.be/kPAEMUzDxuo



Julie Herndon

Recent CCRMA Ph.D. Teaching in Cal Poly, Sn Luis Obispo





Vocify

Create AI covers with your favorite voices

https://www.voicify.ai

\$24.99/month, more for "creators"

Boomy

Al-audio software allowing user set up some parameters (style, tempo, et al.)

- Has generated 15 million songs
- 14% of Spotify's holdings recently purged of Boomy creations