



AttS2S-VC: Sequence-to-Sequence Voice Conversion with Attention and Context Preservation Mechanisms Kou TANAKA, Hirokazu KAMEOKA, Takuhiro KANEKO, Nobukatsu HOJO (NTT corp., Japan) $\bigcirc \qquad \leftarrow Speech samples$

- and durations of speech to be converted

	Frame/sequence based	Sequence-to-seq
	Conventional VC	
Acoustic feature	Converted	Converted
Duration		Converted
Transcript		Required





ed	Gaussian mixture model based VC considering global variance [Toda+, 2007]
	3-stacked LSTMs-based TTS assuming that ASR works perfectly [Miyoshi+, 2017]

	CBHG inspired by Tacotron [Wang+, 2017]
	3 stacked LSTMs
sm	Additive attention [Bahdanau+, 2014]
•	CBHG
	CBHG