

DON'T SPEAK TOO FAST: THE IMPACT OF DATA BIAS ON SELF-SUPERVISED SPEECH MODELS



Singapore



be biased in different aspects.

tone, ...







downstream tasks?

- to ensure the best performance



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Experiment Setup

Downstream Tasks

- Speaker: Speaker Identification (SID)
- Semantics: Intent Classification (IC)
- Paralinguistics: Emotion Recognition (ER)

Results









5 selected tasks from the SUPERB benchmark, categorized into 4 aspects Content: Phoneme Recognition (PR), Keyword Spotting (KS)