

Previous Literature

- Children can explicitly perceive speechsong differences, but do not categorize them with adult-like accuracy until age 8
- Would an **implicit task** show knowledge of domain differences early in childhood?
- In production tasks, adults imitate pitch more accurately in song than speech, even spontaneously, when they are not given instructions to match pitch, showing evidence of implicit domain-dependent knowledge

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Research Question

Does domain-specific knowledge about the different uses of pitch in speech and song develop earlier than suggested by explicit tasks?



Time (s)

Task 1: Spontaneous Pitch Matching

reflects domain-specific knowledge of pitch

Imitated pitch phrases for both speech and song will be analyzed across three metrics:

- two pitches?



how domain-specific knowledge develops