Children can control the expression of masculinity and femininity through the voice

Article (Supplemental Material)


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Formant Spacing (ΔF) Scatterplot of Residuals vs Predicted Values

Girls

Boys
Mean F0 and Formant Spacing ($\Delta F$) in Children’s Natural Voices

(a) Girls

(b) Boys

(c) Girls

(d) Boys
Children’s acoustic features (F0 and ΔF) by Character Type

(a) Mean F0 (Hz)

(b) ΔF (Hz)
Linear Regressions between Boys’ Difference scores in ΔF and Age

- Feminine - Gender Neutral
- Masculine - Gender Neutral

\[ y = -1.22 \times 10^2 + 16.01 \times x \]
\[ R^2 = 0.188 \]

\[ y = -83.42 + 6.16 \times x \]
\[ R^2 = 0.035 \]