

Supplementary material 3

Post-hoc comparisons of ANOVAs conducted in Sec. IV C

As described in the text in Sec. IV C, 2 x 3 repeated measure ANOVAs revealed a significant main effect of Register. Post-hoc comparisons between ADS and IDS for each BPM type revealed that IDS had a significantly higher mean F0, maximum F0, and a larger F0 range than ADS for every BPM type. For minimum F0, IDS was significantly higher than ADS for H% and LH%, but the difference was not significant for HL%.

The ANOVAs also revealed significant interactions between Register and BPM type, indicating that the differences in the pitch characteristics between IDS and ADS appear differently depending on the BPM type. Although it is beyond the scope of the present paper, it is an interesting question for future research why these differences occur between the two registers.

Note: This is a supplemental material to the following paper. Please refer to it when referring to the information contained in this Supplemental Material.

Igarashi, Y., Nishikawa, K., Tanaka, K., & Mazuka, R. (2013). Phonological theory informs the analysis of intonational exaggeration in Japanese infant-directed speech. *The Journal of Acoustical Society of America*, 134(2), 1283-1294.

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