

Project ES/K001477/1 THE HEARING BODY: How auditory perception influences body representation

This file contains descriptions of the 48 variables in the archived CSV file TajaduraJimenez_Banakou_ChildVoice_Data.csv. These variables correspond to the results reported in the following paper:

Tajadura-Jiménez, A., Banakou, D., Bianchi-Berthouze, N., Slater, M. (2017). Embodiment in a Child-Like Talking Virtual Body Influences Object Size Perception, Self-Identification, and Subsequent Real Speaking. *Scientific Reports*.

Variable descriptions:

Variable name	Type	Label	Values
id	String	Participant identifier	String
condition	String	Classifier for Body condition	ChildBody, Adult Body
voice	String	Classifier for Voice condition	ChildVoice, AdultVoice
trial	Number	Number of experimental trial	1, 2
agegroup	String	Participant Age group, in years.	40-49, 50-59, 60-69
iat	Number	Score in the Implicit Association test (IAT)	Double
vrbody	Number	This value corresponds to the 7-level Likert item “VRBody”, in the Post-experience questionnaire. The scale indicates the level of agreement with the statement, ranging from “Not at all” (-3) to “Very much” (+3).	Integer
mirror	Number	This value corresponds to the 7-level Likert item “Mirror”, in the Post-experience questionnaire. The scale indicates the level of agreement with the statement, ranging from “Not at all” (-3) to “Very much” (+3).	Integer
features	Number	This value corresponds to the 7-level Likert item “VisualFeatures”, in the Post-experience questionnaire. The scale indicates the level of agreement with the statement, ranging from “Not at all” (-3) to “Very much” (+3).	Integer
twobodies	Number	This value corresponds to the 7-level Likert item “TwoBodies”, in the Post-experience questionnaire. The scale indicates the level of	Integer

		agreement with the statement, ranging from “Not at all” (-3) to “Very much” (+3).	
agency	Number	This value corresponds to the 7-level Likert item “Agency”, in the Post-experience questionnaire. The scale indicates the level of agreement with the statement, ranging from “Not at all” (-3) to “Very much” (+3).	Integer
roomsize	Number	This value corresponds to the 7-level Likert item “RoomSize”, in the Post-experience questionnaire. The scale ranged from “Smaller” (-3) to “Bigger” (+3).	Integer
vbsize	Number	This value corresponds to the 7-level Likert item “VBSize”, in the Post-experience questionnaire. The scale ranged from “Smaller” (-3) to “Bigger” (+3).	Integer
vbsizetorso	Number	This value corresponds to the 7-level Likert item “VBSize(Torso)”, in the Post-experience questionnaire. The scale ranged from “Smaller” (-3) to “Bigger” (+3).	Integer
vbsizelegs	Number	This value corresponds to the 7-level Likert item “VBSize(Legs)”, in the Post-experience questionnaire. The scale ranged from “Shorter” (-3) to “Longer” (+3).	Integer
rbsize	Number	This value corresponds to the 7-level Likert item “RBSize”, in the Post-experience questionnaire. The scale ranged from “Smaller” (-3) to “Bigger” (+3).	Integer
vrvoice	Number	This value corresponds to the 7-level Likert item “VRVoice”, in the Post-experience questionnaire. The scale indicates the level of agreement with the statement, ranging from “Not at all” (-3) to “Very much” (+3).	Integer
voicefeatures	Number	This value corresponds to the 7-level Likert item “VoiceFeatures”, in the Post-experience questionnaire. The scale indicates the level of agreement with the statement, ranging from “Not at all” (-3) to “Very much” (+3).	Integer
voiceagency	Number	This value corresponds to the 7-level Likert item “VoiceAgency”, in the Post-experience questionnaire. The scale indicates the level of agreement with the statement, ranging from “Not at all” (-3) to “Very much” (+3).	Integer
surprise	Number	This value corresponds to the 7-level Likert item “Surprise”, in the Post-experience questionnaire. The scale indicates the level of agreement	Integer

		with the statement, ranging from “Not at all” (-3) to “Very much” (+3).	
valence	Number	Felt happiness. This variable refers to the 9-item graphic valence scale of the Self-assessment Manikin questionnaire.	Integer
arousal	Number	Felt arousal. This variable refers to the 9-item graphic valence scale of the Self-assessment Manikin questionnaire.	Integer
vbage	Range	This range corresponds to the variable “VBAge”, in the Post-experience questionnaire. Participants selected one among 5 possible ranges.	3-7, 8-12, 13-17, 18-30, over 30
childbody	Number	This value corresponds to the 7-level Likert item “ChildBody”, in the Post-experience questionnaire. The scale indicates the level of agreement with the statement, ranging from “Not at all” (-3) to “Very much” (+3).	Integer
adultbody	Number	This value corresponds to the 7-level Likert item “AdultBody”, in the Post-experience questionnaire. The scale indicates the level of agreement with the statement, ranging from “Not at all” (-3) to “Very much” (+3).	Integer
younger	Number	This value corresponds to the 7-level Likert item “Younger”, in the Post-experience questionnaire. The scale indicates the level of agreement with the statement, ranging from “Not at all” (-3) to “Very much” (+3).	Integer
older	Number	This value corresponds to the 7-level Likert item “Older”, in the Post-experience questionnaire. The scale indicates the level of agreement with the statement, ranging from “Not at all” (-3) to “Very much” (+3).	Integer
feltchild	Number	This value corresponds to the 7-level Likert item “FeltChild”, in the Post-experience questionnaire. The scale indicates the level of agreement with the statement, ranging from “Not at all” (-3) to “Very much” (+3).	Integer
word	Number	This value identifies the word read by participants (there were 9 possible words) for the vocal production analyses	Integer
repetition	Number	This value identifies the number of repetition of the read word (for the vocal production analyses)	Integer
basef0	Number	This value is the baseline fundamental frequency	Double
f0	Number	This value is the fundamental frequency of the read word	Double
meanexp15	Number	Mean perceived size of the 15 cm cube	Double

rangeexp15	Number	Range of the 15 measures of perceived sizes of the 15 cm cube	Double
meanbase15	Number	Mean perceived baseline size of the 15 cm cube	Double
rangebase15	Number	Range of the 5 baseline measures of perceived sizes of the 15 cm cube	Double
meanexp30	Number	Mean perceived size of the 30 cm cube	Double
rangeexp30	Number	Range of the 15 measures of perceived sizes of the 30 cm cube	Double
meanbase30	Number	Mean perceived baseline size of the 30 cm cube	Double
rangebase30	Number	Range of the 5 baseline measures of perceived sizes of the 30 cm cube	Double
meanexp45	Number	Mean perceived size of the 45 cm cube	Double
rangeexp45	Number	Range of the 15 measures of perceived sizes of the 45 cm cube	Double
meanbase45	Number	Mean perceived baseline size of the 45 cm cube	Double
rangebase45	Number	Range of the 5 baseline measures of perceived sizes of the 45 cm cube	Double
ind	Number	Index marking the number of measurement taken of the perceived object size	Integer
dsize15	Number	This value corresponds to the calculated mean dsize15 (difference between meanexp15 and meanbase15)	Double
dsize30	Number	This value corresponds to the calculated mean dsize30 (difference between meanexp30 and meanbase30)	Double
dsize45	Number	This value corresponds to the calculated mean dsize45 (difference between meanexp45 and meanbase45)	Double