

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

This file contains descriptions of the 70 variables in the archived CSV file: TajaduraJimenez\_FrontiersinPsychology\_2016.csv. These variables correspond to the results reported in the following paper:

Tajadura-Jiménez, A., Marquardt, T., Swapp, D., Kitagawa, N., & Bianchi-Berthouze, N. (2016). Action Sounds Modulate Arm Reaching Movements. *Frontiers in Psychology*, 7, 1391. doi: 10.3389/fpsyg.2016.01391

**Variable descriptions:**

Variable name	Type	Label	Values
arm_length	Number	Participant arm length in cm	63 to 81
mean_velocity_SYNC_pre	Number	Mean movement velocity before exposure to the Synchronous condition (PRE measure)	Double, two decimal places
mean_velocity_SYNC_post	Number	Mean movement velocity after exposure to the Synchronous condition (POST measure)	Double, two decimal places
peak_velocity_SYNC_pre	Number	Peak movement velocity before exposure to the Synchronous condition (PRE measure)	Double, two decimal places
peak_velocity_SYNC_post	Number	Peak movement velocity after exposure to the Synchronous condition (POST measure)	Double, two decimal places
peak_acc_SYNC_pre	Number	Peak movement acceleration before exposure to the Synchronous condition (PRE measure)	Double, two decimal places
peak_acc_SYNC_post	Number	Peak movement acceleration after exposure to the Synchronous condition (POST measure)	Double, two decimal places
latency_peak_velocity_SYNC_pre	Number	Latency of peak movement velocity before exposure to the Synchronous condition (PRE measure)	Double, two decimal places
latency_peak_velocity_SYNC_post	Number	Latency of peak movement velocity after exposure to the Synchronous condition (POST measure)	Double, two decimal places
latency_peak_acc_SYNC_pre	Number	Latency of peak movement acceleration before exposure to the Synchronous condition (PRE measure)	Double, two decimal places
latency_peak_acc_SYNC_post	Number	Latency of peak movement acceleration after exposure	Double, two decimal

		to the Synchronous condition (POST measure)	places
reached_position_SYNC_pre	Number	Mean reached position before exposure to the Synchronous condition (PRE measure)	Double, two decimal places
reached_position_SYNC_post	Number	Mean reached position after exposure to the Synchronous condition (POST measure)	Double, two decimal places
movement_time_SYNC_Pre	Number	Mean movement time before exposure to the Synchronous condition (PRE measure)	Double, two decimal places
movement_time_SYNC_Post	Number	Mean movement after exposure to the Synchronous condition (POST measure)	Double, two decimal places
mean_velocity_ASYNC_pre	Number	Mean movement velocity before exposure to the Asynchronous condition (PRE measure)	Double, two decimal places
mean_velocity_ASYNC_post	Number	Mean movement velocity after exposure to the Asynchronous condition (POST measure)	Double, two decimal places
peak_velocity_ASYNC_pre	Number	Peak movement velocity before exposure to the Asynchronous condition (PRE measure)	Double, two decimal places
peak_velocity_ASYNC_post	Number	Peak movement velocity after exposure to the Asynchronous condition (POST measure)	Double, two decimal places
peak_acc_ASYNC_pre	Number	Peak movement acceleration before exposure to the Asynchronous condition (PRE measure)	Double, two decimal places
peak_acc_ASYNC_post	Number	Peak movement acceleration after exposure to the Asynchronous condition (POST measure)	Double, two decimal places
latency_peak_velocity_ASYNC_pre	Number	Latency of peak movement velocity before exposure to the Asynchronous condition (PRE measure)	Double, two decimal places
latency_peak_velocity_ASYNC_post	Number	Latency of peak movement velocity after exposure to the Asynchronous condition (POST measure)	Double, two decimal places
latency_peak_acc_ASYNC_pre	Number	Latency of peak movement acceleration before exposure to the Asynchronous condition (PRE measure)	Double, two decimal places
latency_peak_acc_ASYNC_post	Number	Latency of peak movement acceleration after exposure to the Asynchronous condition (POST measure)	Double, two decimal places
reached_position_ASYNC_pre	Number	Mean reached position before exposure to the	Double, two decimal

		Asynchronous condition (PRE measure)	places
reached_position_ASYNC_post	Number	Mean reached position after exposure to the Asynchronous condition (POST measure)	Double, two decimal places
movement_time_ASYNC_Pre	Number	Mean movement time before exposure to the Asynchronous condition (PRE measure)	Double, two decimal places
movement_time_ASYNC_Post	Number	Mean movement after exposure to the Asynchronous condition (POST measure)	Double, two decimal places
Questionnaire		Empty field to mark break between behavioural and questionnaire data	
SYNC_S1	Number	Level of agreement with statement 1 (S1) after exposure to Synchronous condition	7-point scale (-3 to +3)
SYNC_S2	Number	Level of agreement with statement 1 (S2) after exposure to Synchronous condition	7-point scale (-3 to +3)
SYNC_S3	Number	Level of agreement with statement 1 (S3) after exposure to Synchronous condition	7-point scale (-3 to +3)
SYNC_S4	Number	Level of agreement with statement 1 (S4) after exposure to Synchronous condition	7-point scale (-3 to +3)
SYNC_S5	Number	Level of agreement with statement 1 (S5) after exposure to Synchronous condition	7-point scale (-3 to +3)
SYNC_S6	Number	Level of agreement with statement 1 (S6) after exposure to Synchronous condition	7-point scale (-3 to +3)
SYNC_S7	Number	Level of agreement with statement 1 (S7) after exposure to Synchronous condition	7-point scale (-3 to +3)
SYNC_S8	Number	Level of agreement with statement 1 (S8) after exposure to Synchronous condition	7-point scale (-3 to +3)
ASYNC_S1	Number	Level of agreement with statement 1 (S1) after exposure to Asynchronous condition	7-point scale (-3 to +3)
ASYNC_S2	Number	Level of agreement with statement 1 (S2) after exposure to Asynchronous condition	7-point scale (-3 to +3)
ASYNC_S3	Number	Level of agreement with statement 1 (S3) after exposure to Asynchronous condition	7-point scale (-3 to +3)
ASYNC_S4	Number	Level of agreement with statement 1 (S4) after	7-point scale (-3 to

		exposure to Asynchronous condition	+3)
ASYNC_S5	Number	Level of agreement with statement 1 (S5) after exposure to Asynchronous condition	7-point scale (-3 to +3)
ASYNC_S6	Number	Level of agreement with statement 1 (S6) after exposure to Asynchronous condition	7-point scale (-3 to +3)
ASYNC_S7	Number	Level of agreement with statement 1 (S7) after exposure to Asynchronous condition	7-point scale (-3 to +3)
ASYNC_S8	Number	Level of agreement with statement 1 (S8) after exposure to Asynchronous condition	7-point scale (-3 to +3)