

Data File 1 – Between-Subjects Variables

- Contains between-speaker variables for the grunts of 30 males and 30 females (grunts per player = 2), and the mean F0 of each grunt.
 - o Between-subjects variables: Sex, Age, Height, Weight, Speaking F0
- This file corresponds to the analyses in the Results subsection, 'Sex, age, height, weight, and speaking F0'.

Data File 2 – Within-Subjects Variables

- Contains within-subject variables for the grunts of 7 males and 7 females (mean grunts per player = 23.29), and the mean F0 of each grunt.
 - o Within-subjects variables: Shot Type, Match Outcome, Match Progress
- This file corresponds to the analyses in the Results subsection, 'Shot type, match progress, and match outcome'.

Data File 3 – Sex Attribution Task

- Contains data relating to the attributions of 30 listeners (16 male, 14 female), who listened to 20 tennis players (10 male, 10 female), and identified the sex of each player.
 - o Key variables: Stimulus Sex, Sex Attributed to the Stimulus By Listeners, Were Participants Correct, F0 of Stimulus
- This file corresponds to the analyses in the Results subsection, 'Attribution of sex by listeners'.

Data File 4 – Match Outcome Attribution Task – Natural Grunts

- Contains information relating to the attributions of 18 listeners (11 males, 7 females), who listened to 11 pairs of natural grunt sequences from six male and six female players, and identified which sequence in the pair came from the match the player lost.
 - o Key variables: Mean F0 of Sequence 1, Match Outcome of Sequence 1, Mean F0 of Sequence 2, Match Outcome of Sequence 2, Which Grunt Sequence came from the Match the Player Lost, Which Grunt Sequence did Participants Say Was the Loss, Did Participants Guess Correctly, F0 difference between the loss sequence and the win sequence, F0 difference between sequence 1 and sequence 2
- This file corresponds to the analyses in all but the last two sentences of the Results subsection, 'Attribution of match outcome by listeners'.

Data File 5 – Match Outcome Attribution Task – Resynthesised Grunts

- Contains information relating to the attributions of 18 listeners (11 males, 7 females), who listened to 40 pairs of resynthesised grunt sequences from five male and five female players, and identified which sequence in the pair came from the match the player lost.
 - o Key variables: Which Grunt Sequence came from the Match the Player Lost, Which Grunt Sequence did Participants Say Was the Loss, Did Participants Guess Correctly, F0 difference between the loss sequence and the win sequence, F0 difference between sequence 1 and sequence 2

- This file corresponds to the analyses in the last two sentences of the Results subsection, 'Attribution of match outcome by listeners'.