



Supplementary Figure 6. Relationship between median acoustic feature for a syllable type ("a", "b", "c", etc) and the magnitude of change in acoustic features caused by BMI infusions (n=66 syllables types across five individuals). Relationships were assessed using mixed effects models with the median acoustic feature as the predictor, the change in acoustic feature (% change or difference), and bird ID as a random factor (to account for multiple syllable types measured in each bird). Plots highlighted in light pink indicate relationships that were significant at $p < 0.05$, whereas plots highlighted in dark pink indicate relationships that were significant at $p < 0.01$.