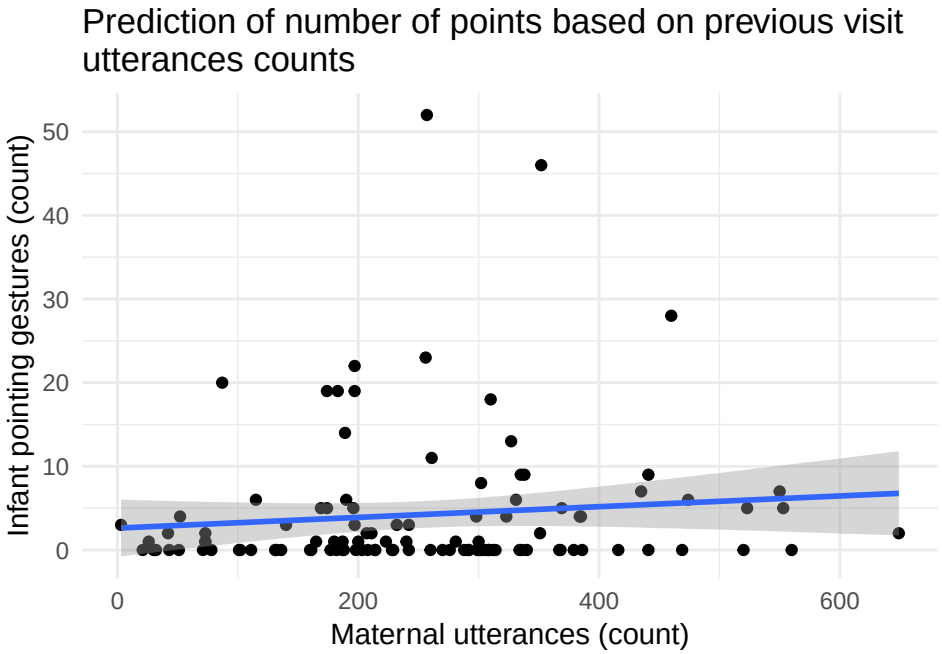
Predicting pointing gestures from HGs, contingent talks, and utterances

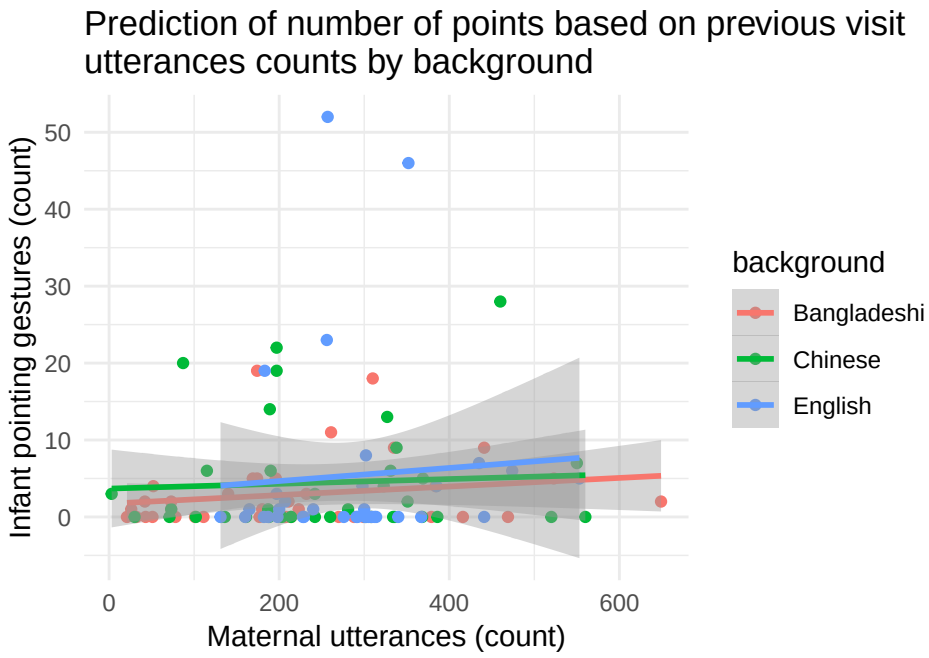
21/08/2018

1 Maternal utterancese and infant pointing

There is a very small correlation between number of maternal utterances and the number of point gestures in the following visit.

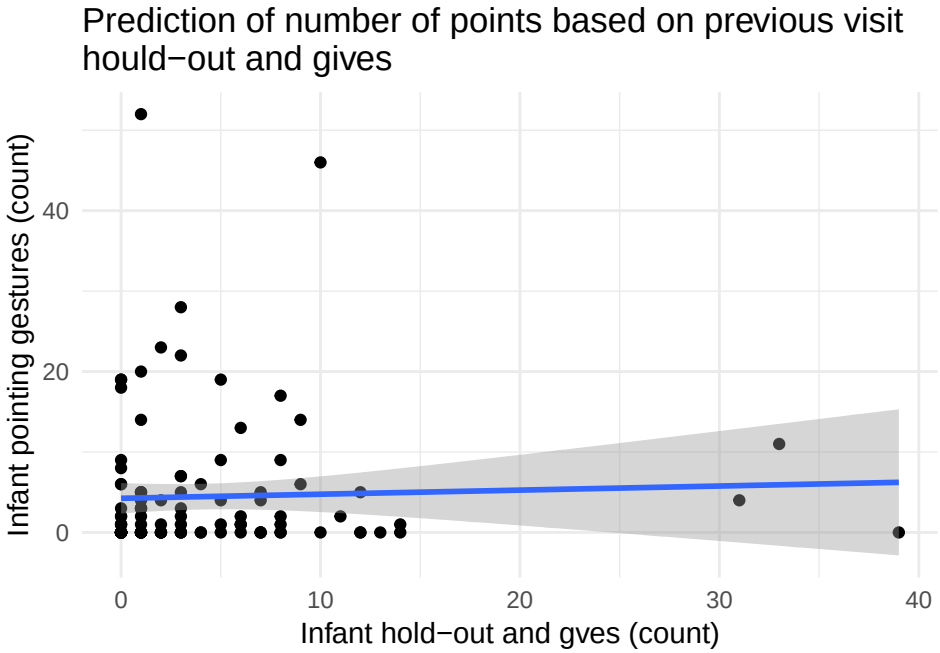


There seems to be no major difference between backgrounds.

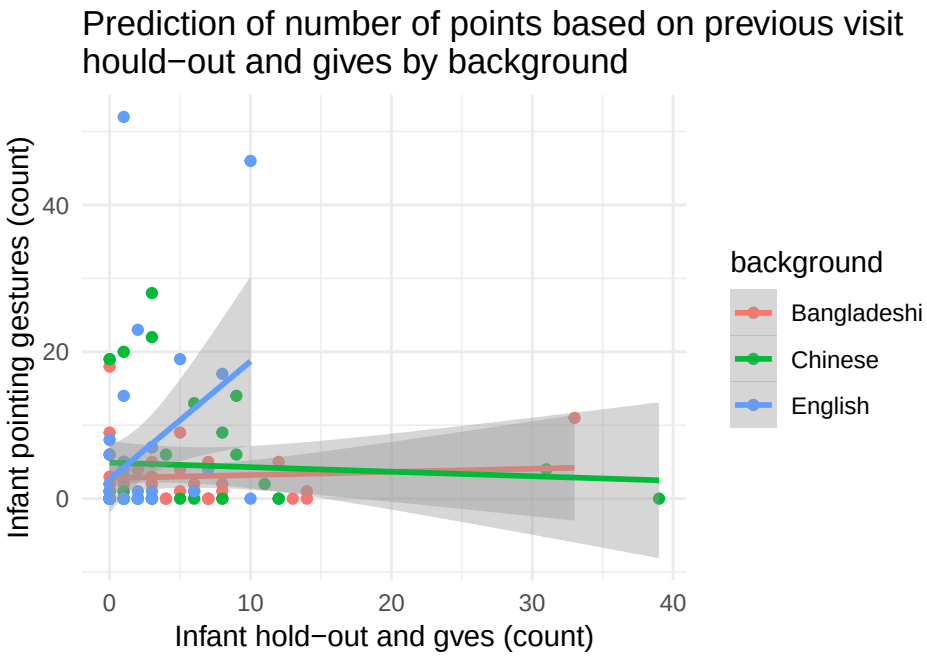


2 Hold-out and gives and pointing

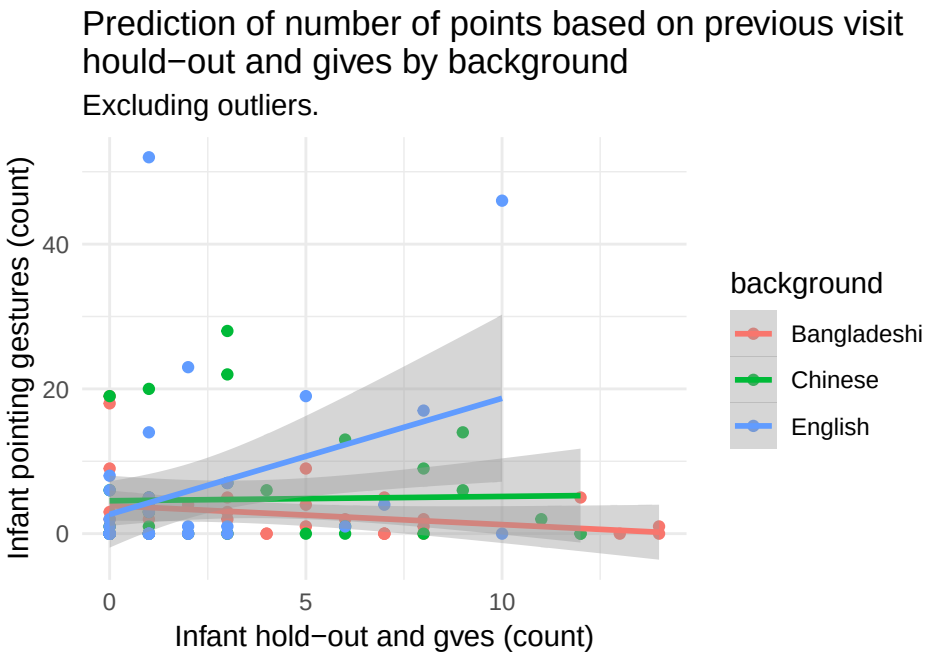
Hould-out and gives and pointing at next visit do not seem to be correlated, but there are three significant outliers.



Possibly, there is a correlation in the English data.

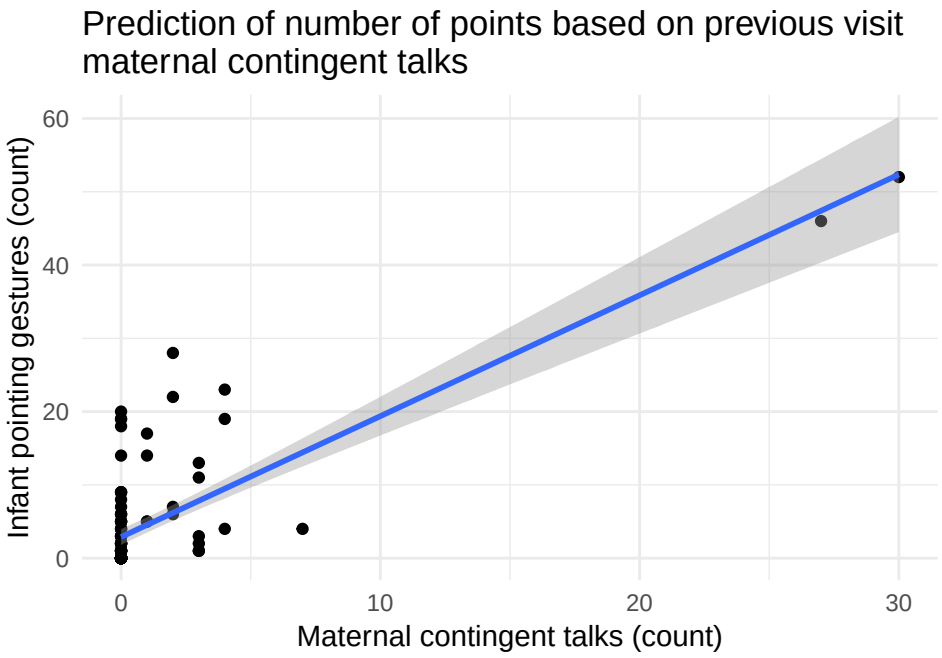


Even when removing outliers, Chinese and Bangladeshi do not show a correlation.

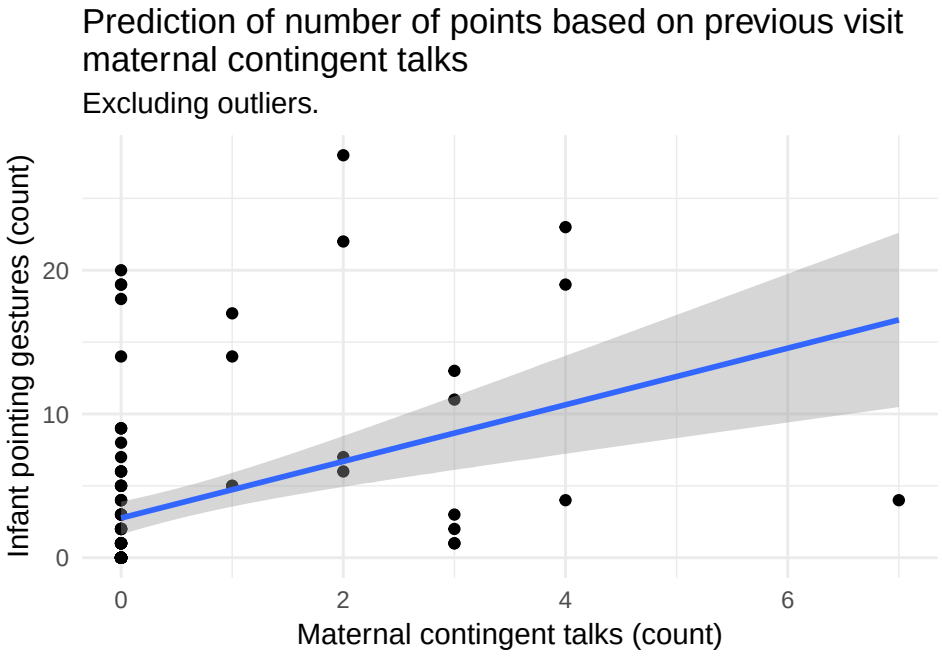


3 Maternal contingent talks and infant pointing

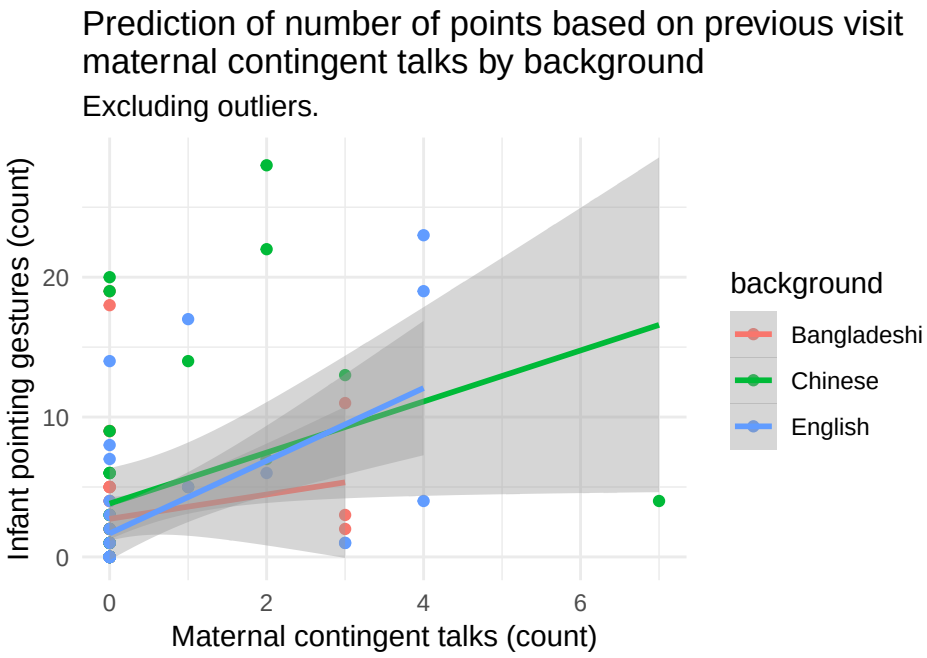
There might be a correlation between pointing gestures and maternal contingent talks of the previous visit.



Even when removing outliers, the correlation stays.



All backgrounds seem to show the correlation (but the Bangladeshi data is quite scant at higher CT counts).



4 General observations

For the cases that show a correlation, it must be noted that the confidence intervals are in general quite wide, meaning that we are not very sure about the presence of said correlations.

Another issue is that there are a lot of counts = 0, then a few data points with counts between 1 and 7.