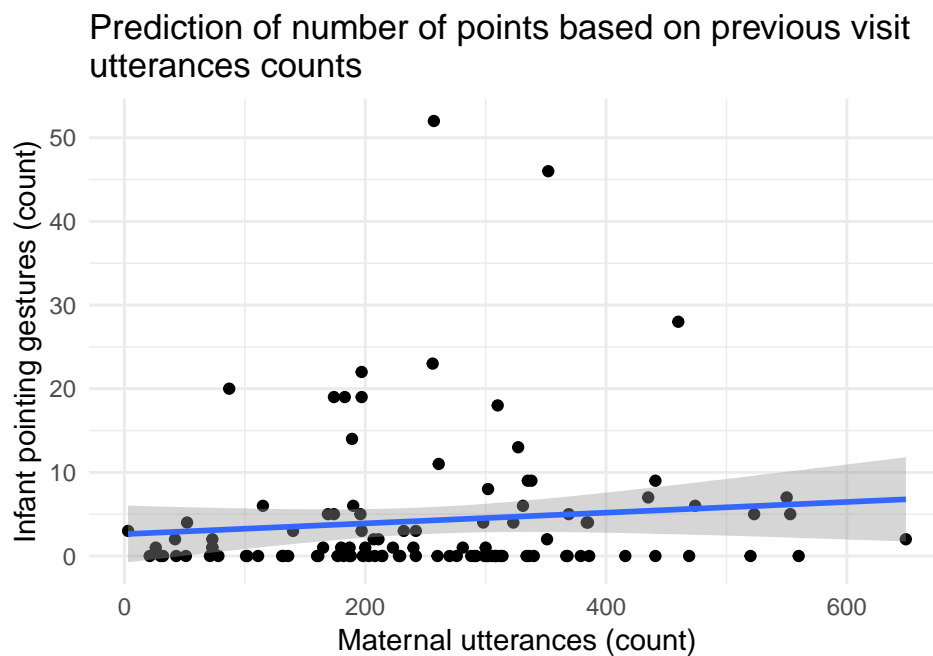


# Predicting pointing gestures from HGs, contingent talks, and utterances

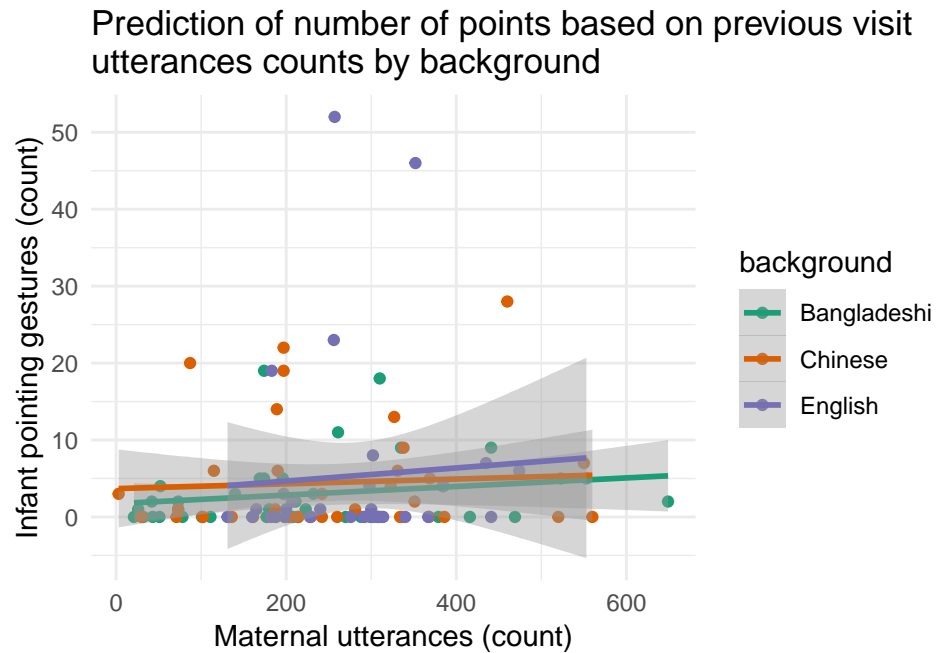
21/08/2018

## 1 Maternal utterances and infant pointing

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

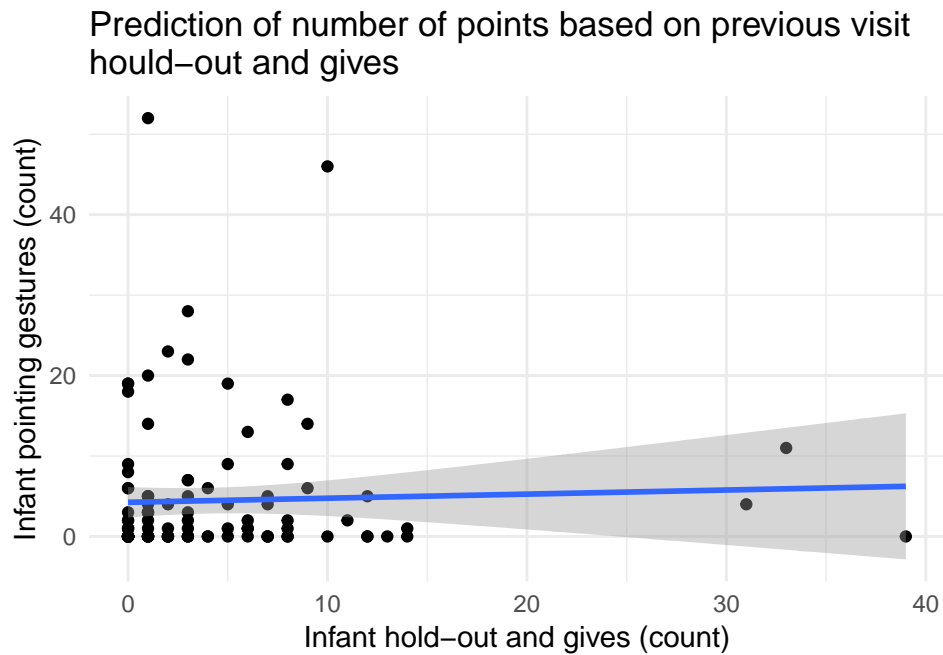


There seems to be no major difference between backgrounds.

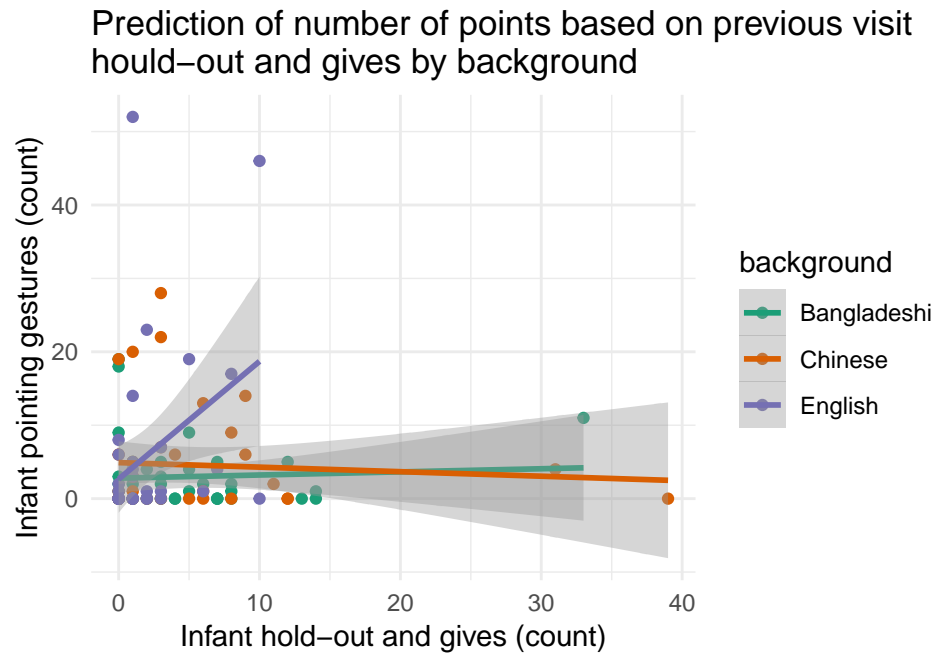


## 2 Hold-out and gives and pointing

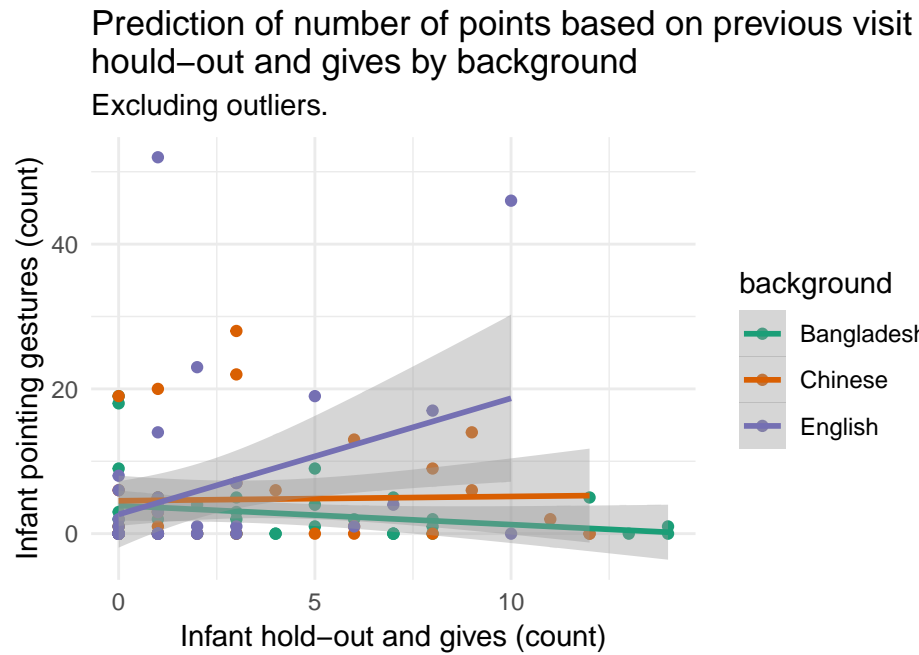
Hold-out and gives at the previous visit and pointing do not seem to be correlated, but there are three significant outliers.



Possibly, there is a correlation in the English data.

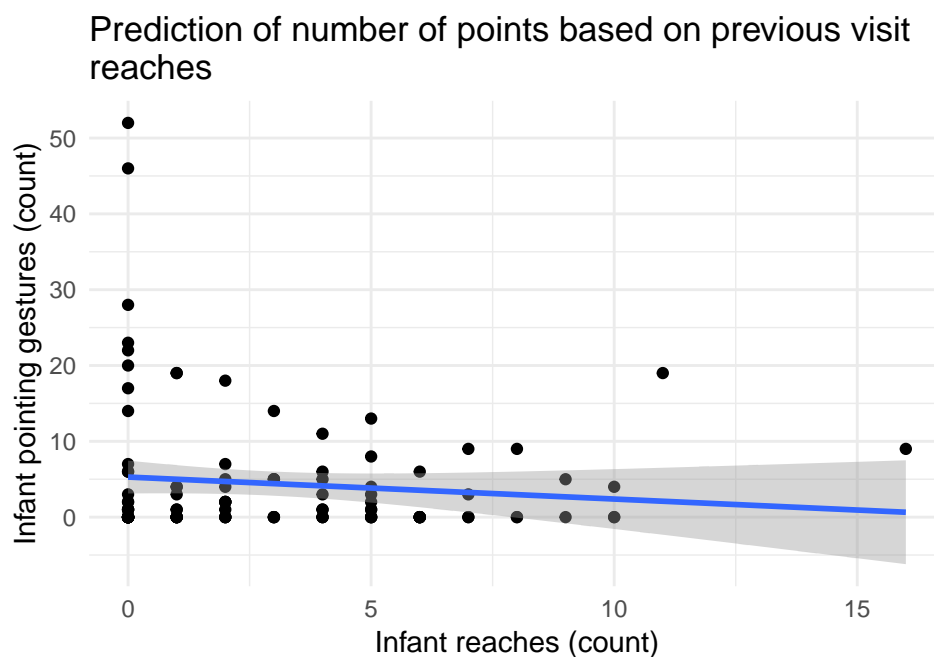


Even when removing outliers, Chinese and Bangladeshi do not show a correlation.

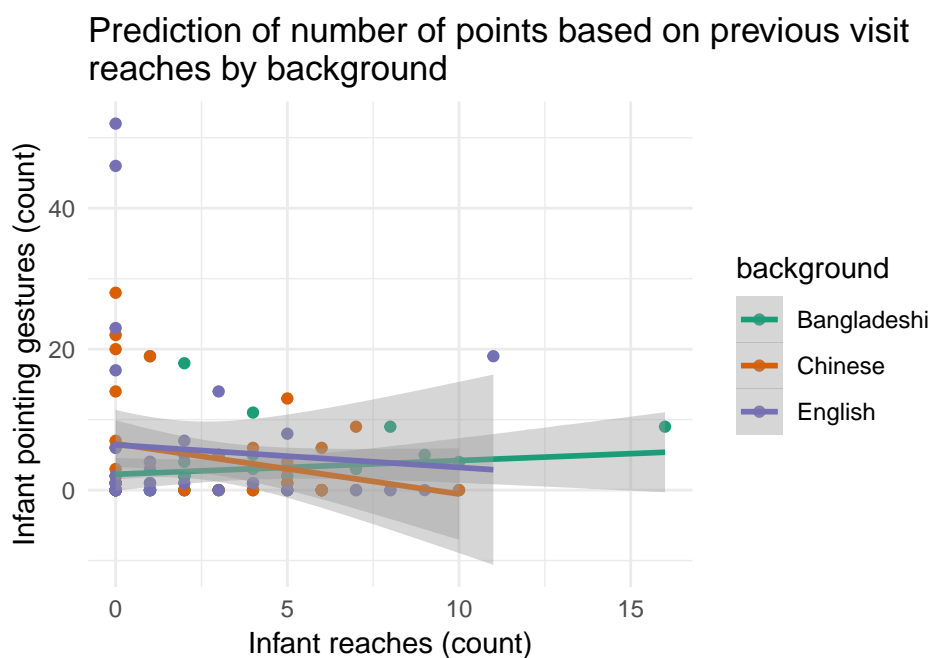


### 3 Reaches and pointing

Pointing is not correlated with previous visit reaches.



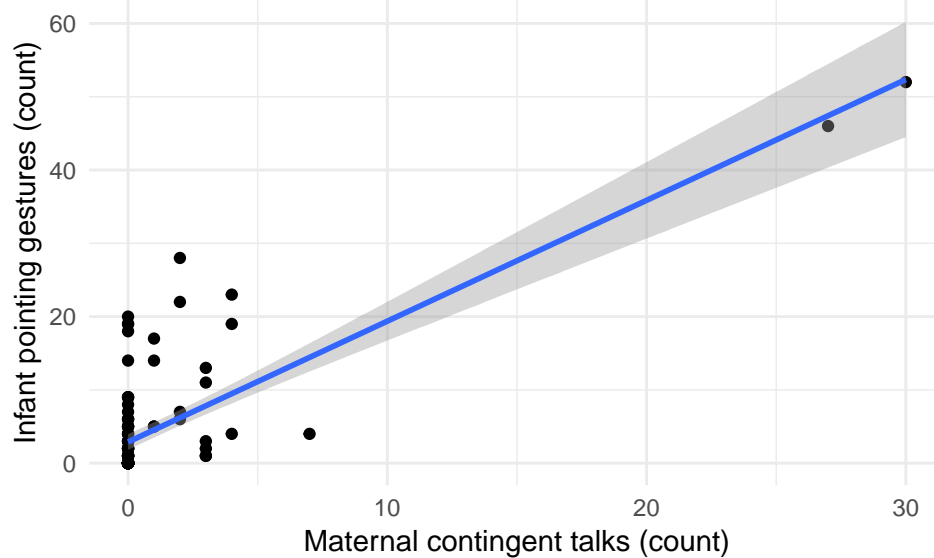
While HGs seem to correlate with pointing at least in English (see previous section), reaches do not correlate with pointing even in English.



## 4 Maternal contingent talks and infant pointing

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

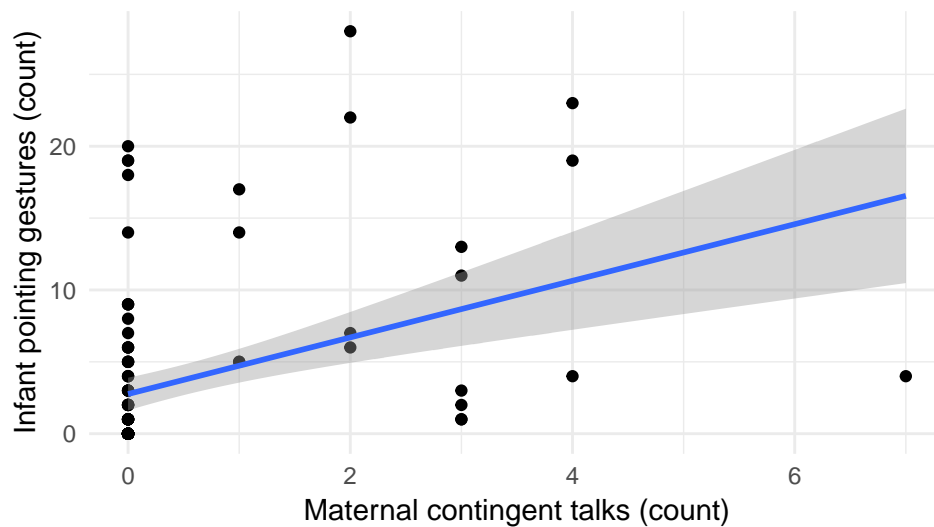
Prediction of number of points based on previous visit  
maternal contingent talks



Even when removing outliers, the correlation stays.

Prediction of number of points based on previous visit  
maternal contingent talks

Excluding outliers.



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

Prediction of number of points based on previous visit  
maternal contingent talks by background  
Excluding outliers.

