

Hypothesis #1:

Speaker 28: 3000 words per click – this person did not click at all and was an outlier

Speaker 22: 0.0101099681 clicks per word – this person was a super-clicker with 57 clicks

Speaker 12: 0.0073272854 clicks per word – this person was a moderate clicker with 21 clicks

Hypothesis #2:

Speaker 1: 1 function R click – no other person in age group 1 used a click for reformulation

Speaker 19: 3 function R clicks – only four clicks used for reformulation in the age group

Speaker 22: 1 function R click – only four clicks used for reformulation in the age group

Speaker 7: 3 function R clicks – the second-highest number of clicks used for reformulation in the age group

Speaker 15: 7 function R clicks – the highest number of clicks used for reformulation in the age group

Hypothesis #3:

No outliers which would change our analysis for this project, there doesn't appear to be a statistically significant relationship between any of the predictor variables and the placement that would be improved by removing outliers. In a larger dataset, it may be worth removing outliers in this hypothesis.

For this project, the outliers were manually removed from the data, creating two new sets of data, one for the first hypothesis without speakers 12, 22, and 28. The second set of data is for the second hypothesis and does not include speakers 1, 7, 15, 19, and 22. There may be other outliers that it would be worth exploring, possibly to exclude in future research, however it may also be a continuing cycle of outliers for certain variables.