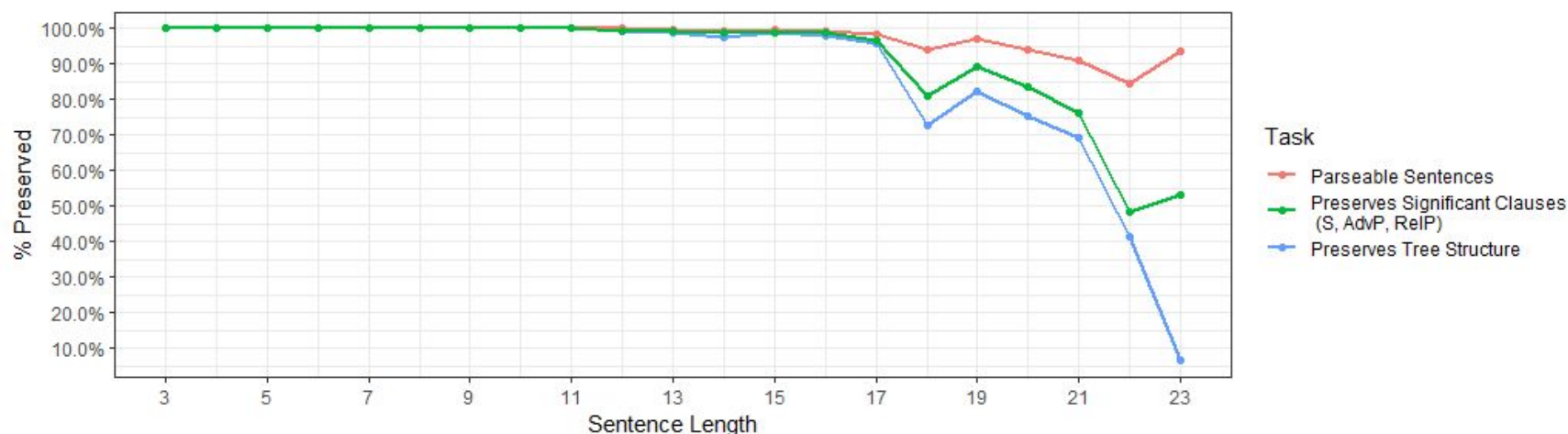
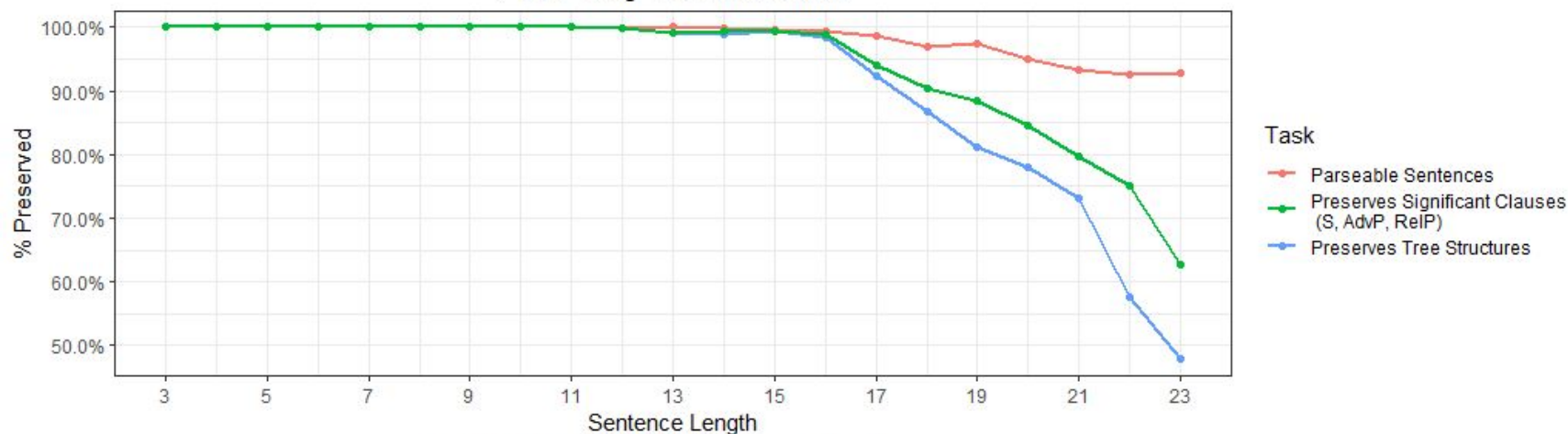


## GRU Encoder and Decoder with No Attention (Average Over 5 Models)

### Pos -> Pos Transformations

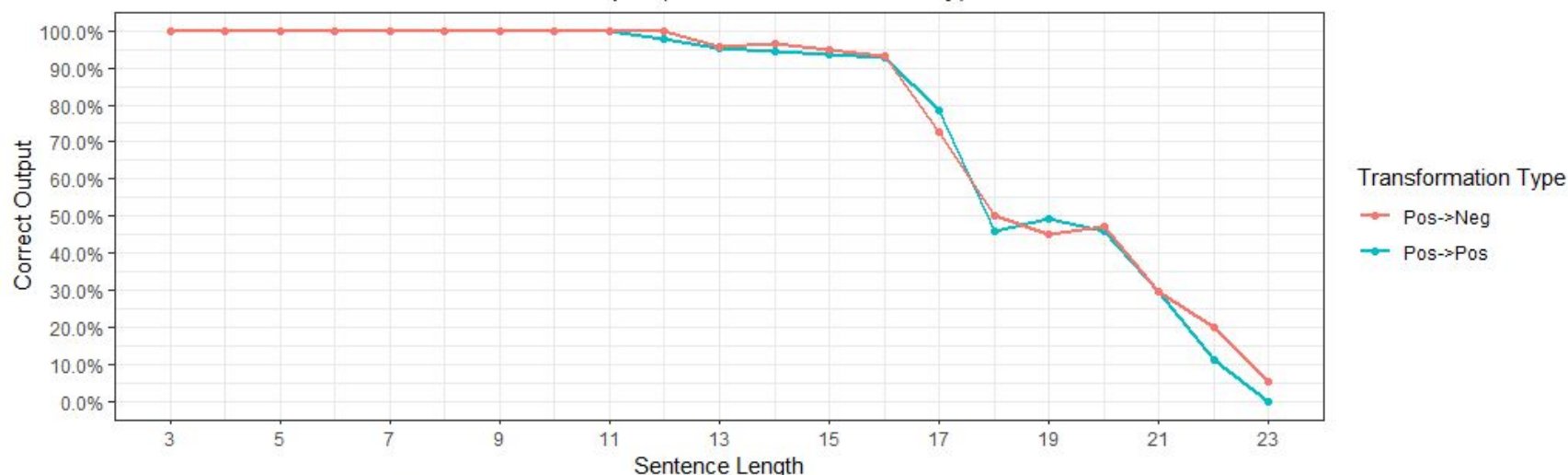


### Pos -> Neg Transformations



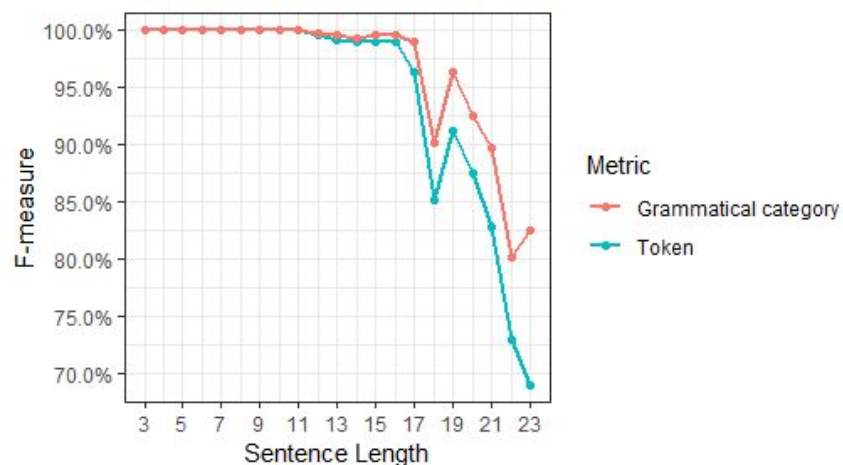
## GRU Encoder and Decoder with No Attention (Average Over 5 Models)

Correct Output (Full Sentence Accuracy)



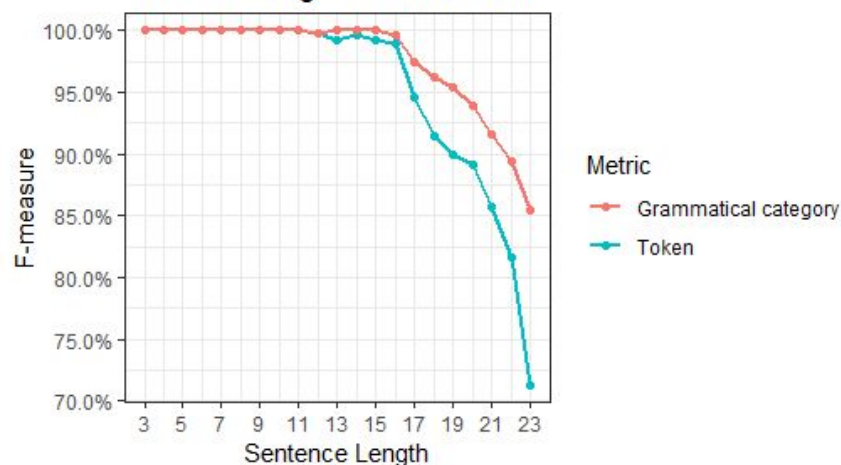
This graph shows the full sequence accuracy for both positive to positive and positive to negative transformations.

### Token Accuracy (F-measure) for Pos->Pos Transformations



This graph shows the F-measure of the token accuracy for positive to positive transformations on the basis of both the token accuracy and the grammatical category accuracy.

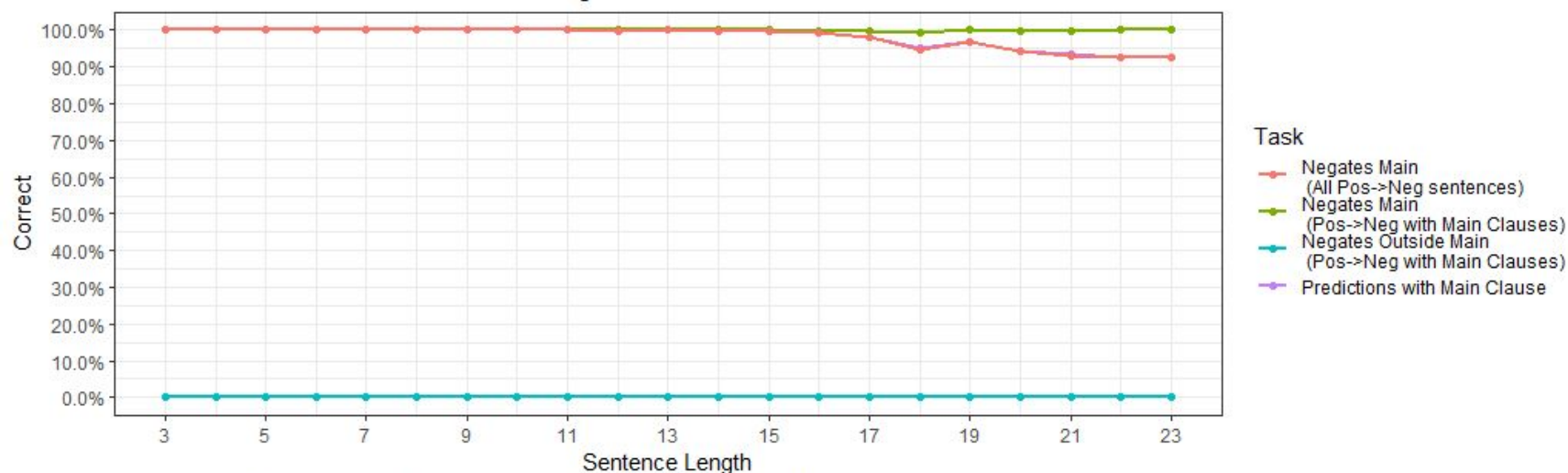
### Token Accuracy (F-measure) for Pos->Neg Transformations



This graph shows the F-measure of the token accuracy for positive to negative transformations on the basis of both the token accuracy and the grammatical category accuracy.

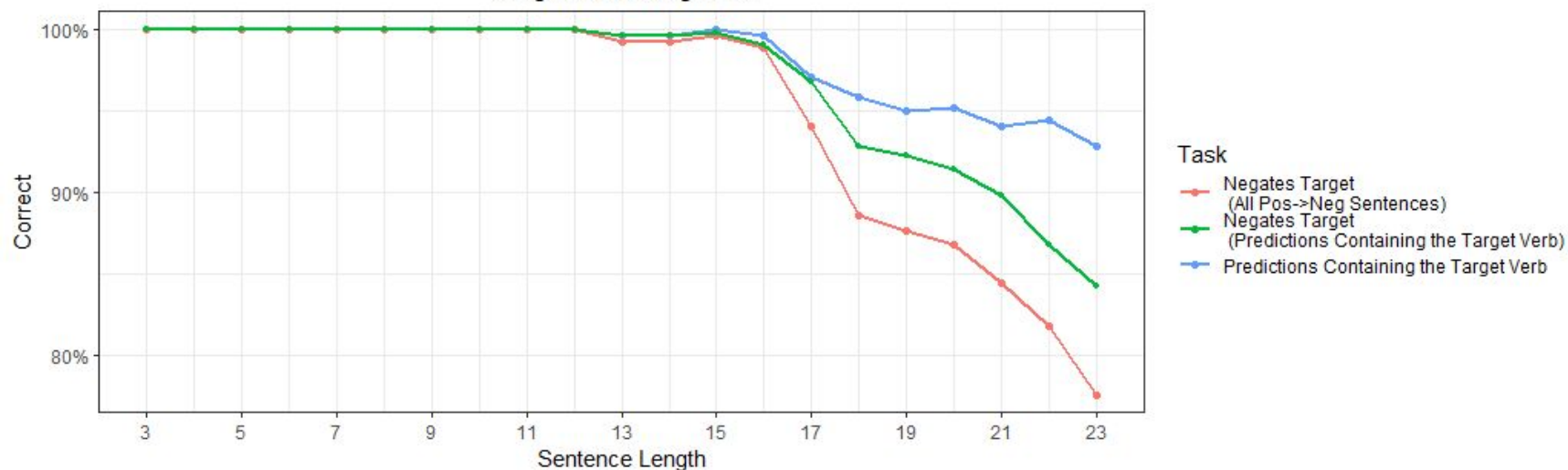
## GRU Encoder and Decoder with No Attention (Average Over 5 Models)

### Negation Placement



This graph shows the accuracy of negation placement in parseable and non-parseable sentences. Production of trees is necessary for the 'Negates Main (Pos->Neg with Main Clauses)' task.

### Target Verb Negation



This graph shows the accuracy of negation placement in reference to the target verb in parseable and non-parseable sentences. Production of trees is necessary for the 'Negates Target (Predictions Containing the Target Verb)' task.