GRU Encoder and Decoder with No Attention (Average Over 5 Models)
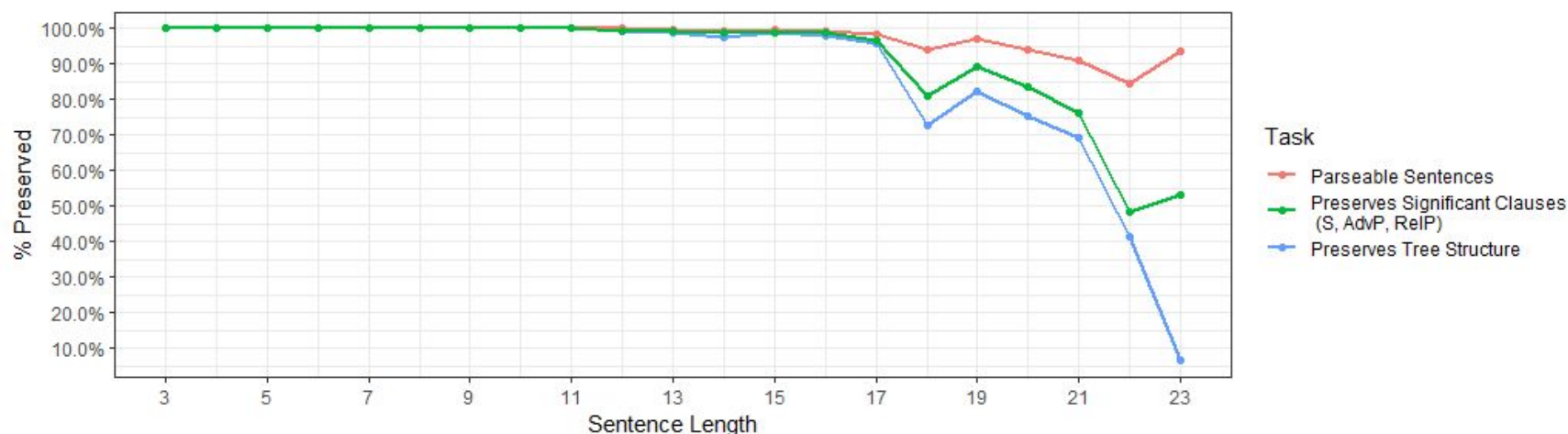
Pos -> Pos Transformations


This graph shows the production of parseable sentences,
the preservation of Sentence Clauses (S), Adverbial Phrases (AdvP), and Relative Clauses (RelP) from the target sentences ,
and the preservation of the exact tree structure from the target sentence for all
positive to positive transformations.

Pos -> Neg Transformations

This graph shows the production of parseable sentences,
the preservation of Sentence Clauses (S), Adverbial Phrases (AdvP), and Relative Clauses (RelP) from the target sentences,
and the preservation of the exact tree structure from the target sentence for all
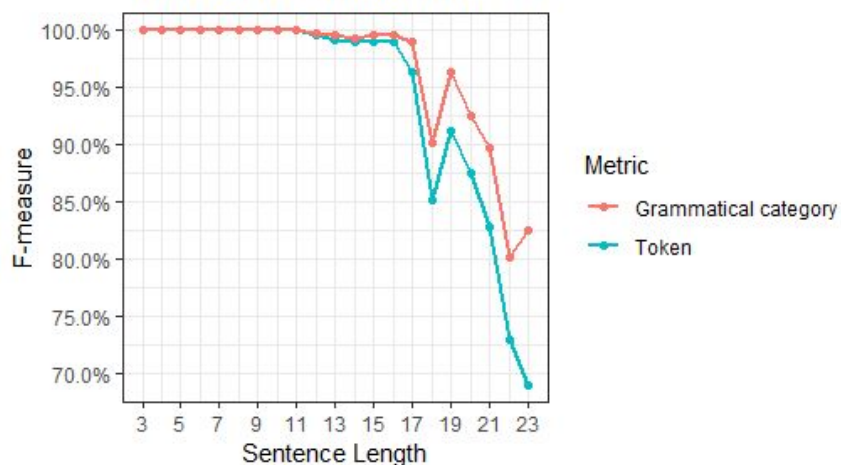positive to negative transformations.
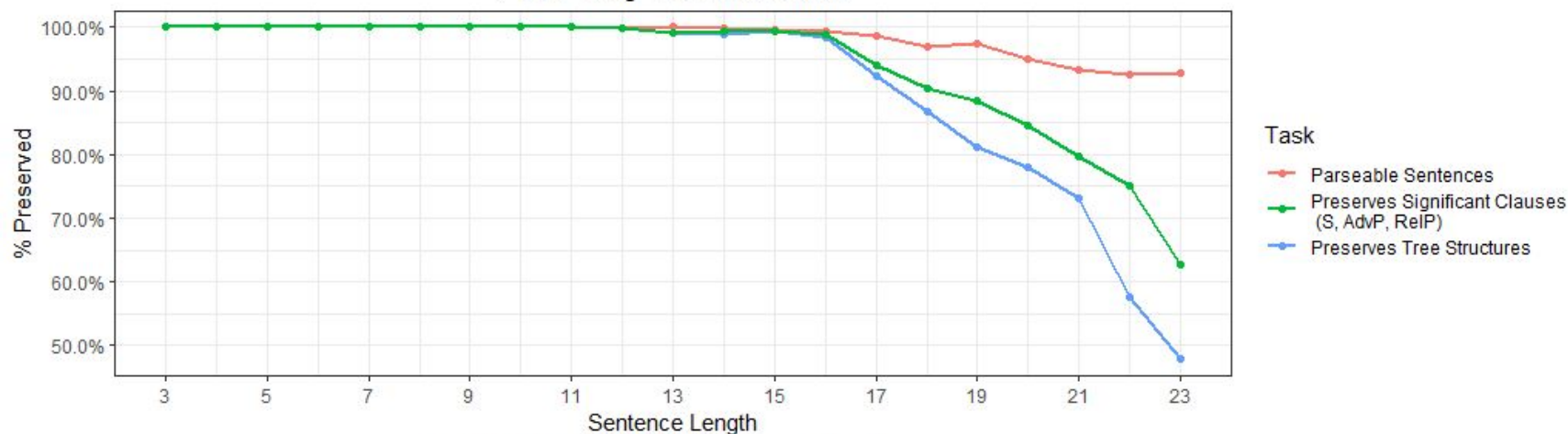
GRU Encoder and Decoder with No Attention (Average Over 5 Models)

## Correct Output (Full Sentence Accuracy)
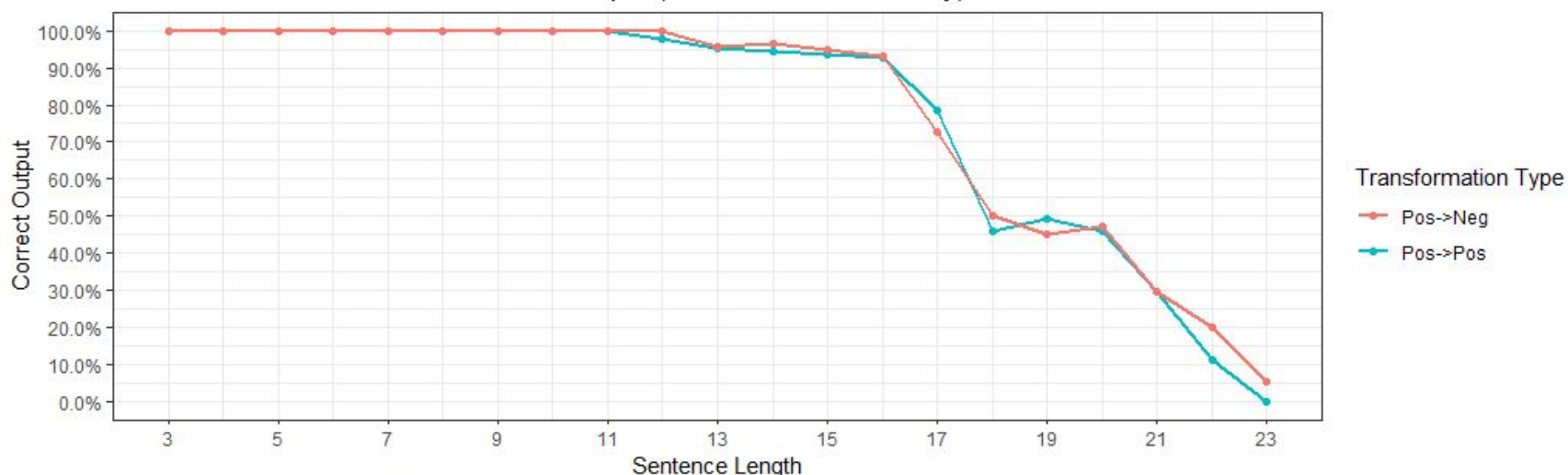
This graph shows the full sequence accuracy for both positive to positive and positive to negative transformations.

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.
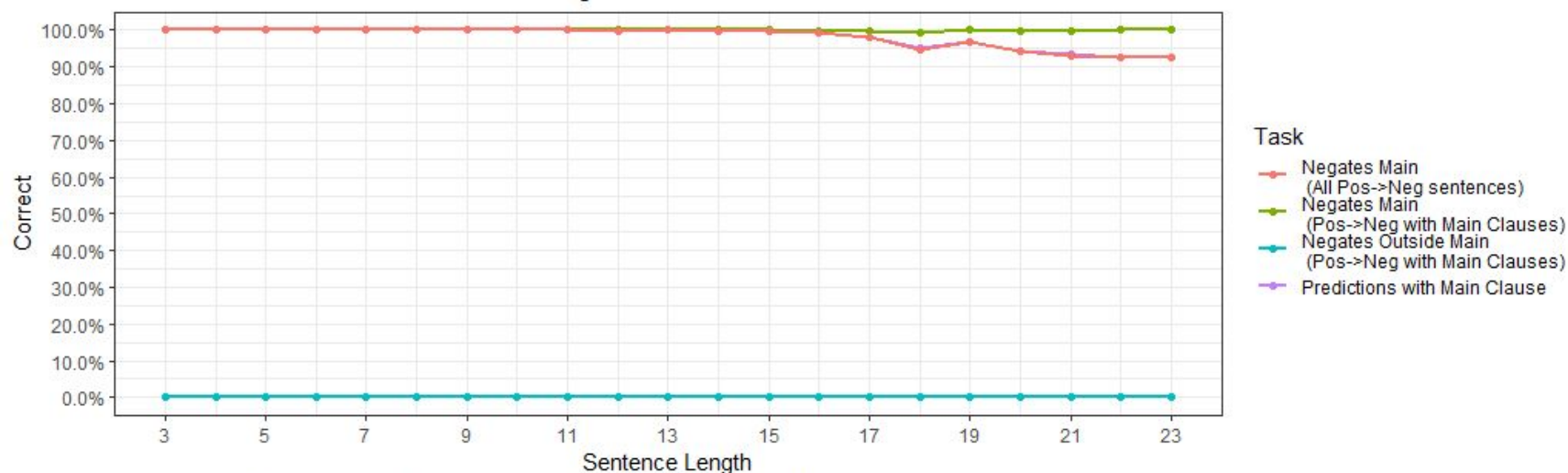
Token Accuracy (F-measure) for Pos->Neg Transformations
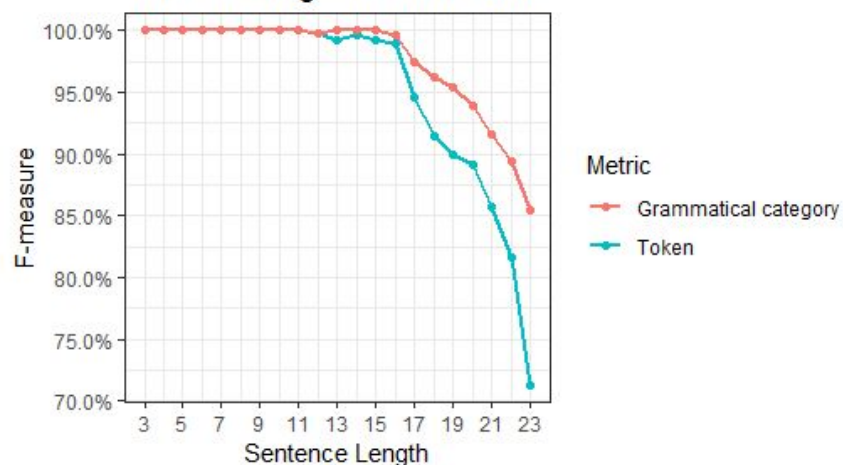
This graph shows the F-measure of the token accuracy for positive to negative transformations on the basis of both the token accuracy and the grammatical category accuracy.
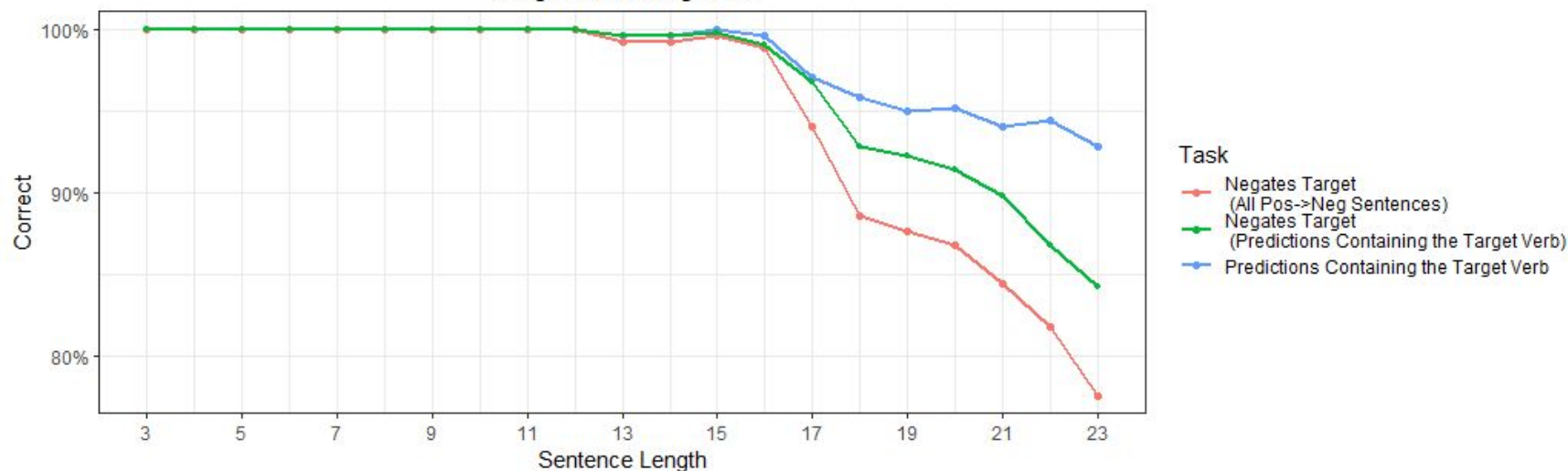
GRU Encoder and Decoder with No Attention (Average Over 5 Models)

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.