**SelectorBIC**

features\_norm

\*\*\*\* WER = 0.6573033707865169

Total correct: 61 out of 178

Video Recognized Correct

=====================================================================================================

2: JOHN \*ARRIVE \*ARRIVE JOHN WRITE HOMEWORK

7: \*MARY \*CAR GO \*WHAT JOHN CAN GO CAN

12: \*MARY \*WHAT \*JOHN CAN JOHN CAN GO CAN

21: \*MARY \*JOHN \*JOHN \*JOHN \*JOHN \*CAR \*FUTURE \*YESTERDAY JOHN FISH WONT EAT BUT CAN EAT CHICKEN

25: \*MARY \*MARY \*MARY \*MARY \*MARY JOHN LIKE IX IX IX

28: \*ANN \*MARY \*MARY \*MARY \*MARY JOHN LIKE IX IX IX

30: \*IX-1P \*CHOCOLATE \*MARY IX \*LOVE JOHN LIKE IX IX IX

36: MARY \*MARY \*GIVE3 \*WHO LIKE \*IX MARY VEGETABLE KNOW IX LIKE CORN1

40: \*MARY \*JOHN \*SEE \*VEGETABLE \*MARY JOHN IX THINK MARY LOVE

43: JOHN \*FUTURE BUY HOUSE JOHN MUST BUY HOUSE

50: \*POSS \*SEE \*JOHN CAR \*IX FUTURE JOHN BUY CAR SHOULD

54: JOHN \*FUTURE \*SHOULD \*ARRIVE HOUSE JOHN SHOULD NOT BUY HOUSE

57: \*IX \*IX \*JOHN \*VISIT JOHN DECIDE VISIT MARY

67: \*MARY \*IX \*JOHN \*ARRIVE HOUSE JOHN FUTURE NOT BUY HOUSE

71: JOHN \*FUTURE VISIT MARY JOHN WILL VISIT MARY

74: \*LIKE \*VISIT \*MARY MARY JOHN NOT VISIT MARY

77: ANN BLAME MARY ANN BLAME MARY

84: \*JOHN \*WHAT \*VISIT BOOK IX-1P FIND SOMETHING-ONE BOOK

89: \*MARY \*POSS \*IX \*IX IX \*BLAME COAT JOHN IX GIVE MAN IX NEW COAT

90: \*SELF \*IX IX \*IX WOMAN BOOK JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

92: JOHN \*FUTURE IX \*IX \*LOVE BOOK JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

100: POSS NEW CAR BREAK-DOWN POSS NEW CAR BREAK-DOWN

105: JOHN \*POSS JOHN LEG

107: \*MARY POSS \*BOX \*MARY \*MARY JOHN POSS FRIEND HAVE CANDY

108: \*LOVE \*IX WOMAN ARRIVE

113: IX CAR \*IX \*IX \*JOHN IX CAR BLUE SUE BUY

119: \*PREFER \*BUY1 IX \*JOHN \*FINISH SUE BUY IX CAR BLUE

122: JOHN \*GIVE1 BOOK JOHN READ BOOK

139: JOHN \*BUY1 \*CAR \*GO BOOK JOHN BUY WHAT YESTERDAY BOOK

142: JOHN \*ARRIVE YESTERDAY WHAT BOOK JOHN BUY YESTERDAY WHAT BOOK

158: LOVE JOHN WHO LOVE JOHN WHO

167: JOHN IX \*SAY-1P LOVE \*IX JOHN IX SAY LOVE MARY

171: \*MARY \*JOHN BLAME JOHN MARY BLAME

174: \*JOHN \*GIVE1 GIVE1 \*YESTERDAY \*CAR PEOPLE GROUP GIVE1 JANA TOY

181: JOHN \*BOX JOHN ARRIVE

184: \*IX \*IX \*GIVE1 TEACHER APPLE ALL BOY GIVE TEACHER APPLE

189: \*MARY \*MARY \*YESTERDAY \*ARRIVE JOHN GIVE GIRL BOX

193: \*IX \*YESTERDAY \*YESTERDAY BOX JOHN GIVE GIRL BOX

199: \*JOHN \*STUDENT \*JOHN LIKE CHOCOLATE WHO

201: JOHN \*GIVE1 \*IX \*WOMAN BUY HOUSE JOHN TELL MARY IX-1P BUY HOUSE

features\_polar

\*\*\*\* WER = 0.5280898876404494

Total correct: 84 out of 178

Video Recognized Correct

=====================================================================================================

2: \*GO \*COAT \*GIVE1 JOHN WRITE HOMEWORK

7: JOHN CAN GO CAN JOHN CAN GO CAN

12: JOHN \*WHAT \*JOHN CAN JOHN CAN GO CAN

21: JOHN \*NEW \*JOHN \*WHO \*GIVE1 \*CAR \*FUTURE \*WHO JOHN FISH WONT EAT BUT CAN EAT CHICKEN

25: JOHN \*IX IX \*WHO IX JOHN LIKE IX IX IX

28: JOHN \*WHO IX \*WHO IX JOHN LIKE IX IX IX

30: JOHN LIKE \*MARY \*MARY \*MARY JOHN LIKE IX IX IX

36: MARY \*VISIT \*GIVE \*GIVE \*MARY \*MARY MARY VEGETABLE KNOW IX LIKE CORN1

40: JOHN \*GO \*GIVE \*JOHN \*MARY JOHN IX THINK MARY LOVE

43: JOHN \*JOHN BUY HOUSE JOHN MUST BUY HOUSE

50: \*JOHN \*SEE BUY CAR \*JOHN FUTURE JOHN BUY CAR SHOULD

54: JOHN SHOULD NOT BUY HOUSE JOHN SHOULD NOT BUY HOUSE

57: \*MARY \*VISIT VISIT MARY JOHN DECIDE VISIT MARY

67: \*SHOULD FUTURE \*MARY BUY HOUSE JOHN FUTURE NOT BUY HOUSE

71: JOHN \*FUTURE \*GIVE1 MARY JOHN WILL VISIT MARY

74: \*IX \*VISIT VISIT MARY JOHN NOT VISIT MARY

77: \*JOHN \*GIVE1 MARY ANN BLAME MARY

84: \*JOHN \*GIVE1 \*GIVE1 \*COAT IX-1P FIND SOMETHING-ONE BOOK

89: \*FUTURE \*GIVE \*WOMAN \*IX IX \*ARRIVE \*BOOK JOHN IX GIVE MAN IX NEW COAT

90: JOHN GIVE IX SOMETHING-ONE \*GO \*ARRIVE JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

92: JOHN \*WOMAN IX \*IX WOMAN BOOK JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

100: POSS NEW CAR BREAK-DOWN POSS NEW CAR BREAK-DOWN

105: JOHN \*SEE JOHN LEG

107: JOHN \*IX \*HAVE \*GO \*GO JOHN POSS FRIEND HAVE CANDY

108: WOMAN \*BOOK WOMAN ARRIVE

113: IX CAR \*IX \*IX \*BOX IX CAR BLUE SUE BUY

119: \*VISIT \*BUY1 IX \*BLAME \*GO SUE BUY IX CAR BLUE

122: JOHN \*GIVE1 BOOK JOHN READ BOOK

139: JOHN \*ARRIVE WHAT \*JOHN \*ARRIVE JOHN BUY WHAT YESTERDAY BOOK

142: JOHN BUY YESTERDAY WHAT BOOK JOHN BUY YESTERDAY WHAT BOOK

158: LOVE JOHN WHO LOVE JOHN WHO

167: JOHN IX \*VISIT LOVE MARY JOHN IX SAY LOVE MARY

171: JOHN \*IX BLAME JOHN MARY BLAME

174: \*JOHN \*CAR GIVE1 \*YESTERDAY \*JOHN PEOPLE GROUP GIVE1 JANA TOY

181: \*GO ARRIVE JOHN ARRIVE

184: \*IX BOY \*GIVE1 TEACHER \*YESTERDAY ALL BOY GIVE TEACHER APPLE

189: \*MARY \*MARY \*YESTERDAY BOX JOHN GIVE GIRL BOX

193: JOHN \*IX \*YESTERDAY BOX JOHN GIVE GIRL BOX

199: \*JOHN \*STUDENT \*GO LIKE CHOCOLATE WHO

201: JOHN \*GIVE \*WOMAN \*LOVE BUY HOUSE JOHN TELL MARY IX-1P BUY HOUSE

features\_delta

\*\*\*\* WER = 0.6460674157303371

Total correct: 63 out of 178

Video Recognized Correct

=====================================================================================================

2: JOHN \*LOVE \*ARRIVE JOHN WRITE HOMEWORK

7: JOHN \*CAR \*GIVE1 \*ARRIVE JOHN CAN GO CAN

12: JOHN \*BOX \*JOHN CAN JOHN CAN GO CAN

21: JOHN \*WHAT \*LOVE \*MARY \*BUY \*FUTURE \*FUTURE \*MARY JOHN FISH WONT EAT BUT CAN EAT CHICKEN

25: JOHN \*IX \*JOHN IX IX JOHN LIKE IX IX IX

28: JOHN \*MARY \*JOHN IX \*SHOULD JOHN LIKE IX IX IX

30: JOHN \*IX \*SHOULD \*JOHN IX JOHN LIKE IX IX IX

36: \*JOHN \*JOHN \*JOHN IX \*JOHN \*MARY MARY VEGETABLE KNOW IX LIKE CORN1

40: \*MARY IX \*JOHN MARY \*MARY JOHN IX THINK MARY LOVE

43: JOHN \*IX BUY HOUSE JOHN MUST BUY HOUSE

50: \*JOHN \*BOY BUY CAR \*MARY FUTURE JOHN BUY CAR SHOULD

54: JOHN \*JOHN \*JOHN BUY HOUSE JOHN SHOULD NOT BUY HOUSE

57: \*MARY \*JOHN \*IX \*IX JOHN DECIDE VISIT MARY

67: JOHN \*JOHN \*WOMAN BUY HOUSE JOHN FUTURE NOT BUY HOUSE

71: JOHN \*SOMETHING-ONE \*CAR MARY JOHN WILL VISIT MARY

74: JOHN \*JOHN \*IX MARY JOHN NOT VISIT MARY

77: \*JOHN \*CAR \*JOHN ANN BLAME MARY

84: \*JOHN \*CAR \*IX BOOK IX-1P FIND SOMETHING-ONE BOOK

89: \*WHO \*JOHN \*IX \*IX \*JOHN \*WHAT \*CAN JOHN IX GIVE MAN IX NEW COAT

90: JOHN \*JOHN \*JOHN \*IX WOMAN \*WHAT JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

92: JOHN \*IX \*JOHN \*IX \*IX BOOK JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

100: \*JOHN \*GIVE1 CAR \*BOOK POSS NEW CAR BREAK-DOWN

105: JOHN \*JOHN JOHN LEG

107: JOHN \*JOHN \*CAR \*IX \*JOHN JOHN POSS FRIEND HAVE CANDY

108: \*JOHN \*BOOK WOMAN ARRIVE

113: \*JOHN CAR \*MARY \*JOHN \*GIVE1 IX CAR BLUE SUE BUY

119: \*JOHN \*GIVE1 IX CAR \*MARY SUE BUY IX CAR BLUE

122: JOHN \*GIVE1 \*WHAT JOHN READ BOOK

139: JOHN \*BUY1 WHAT \*JOHN \*MARY JOHN BUY WHAT YESTERDAY BOOK

142: JOHN BUY YESTERDAY WHAT \*WHAT JOHN BUY YESTERDAY WHAT BOOK

158: \*GIVE1 JOHN \*JOHN LOVE JOHN WHO

167: JOHN IX \*IX \*BOOK \*WHAT JOHN IX SAY LOVE MARY

171: JOHN \*JOHN BLAME JOHN MARY BLAME

174: \*GIVE1 \*MARY GIVE1 \*JOHN \*CAR PEOPLE GROUP GIVE1 JANA TOY

181: JOHN ARRIVE JOHN ARRIVE

184: \*IX \*JOHN \*GIVE1 TEACHER \*WHAT ALL BOY GIVE TEACHER APPLE

189: JOHN \*JOHN \*JOHN \*ARRIVE JOHN GIVE GIRL BOX

193: JOHN \*IX \*IX BOX JOHN GIVE GIRL BOX

199: \*JOHN \*WHAT \*MARY LIKE CHOCOLATE WHO

201: JOHN \*IX \*JOHN \*JOHN BUY HOUSE JOHN TELL MARY IX-1P BUY HOUSE

features\_custom\_scale

\*\*\*\* WER = 0.5617977528089888

Total correct: 78 out of 178

Video Recognized Correct

=====================================================================================================

2: \*FIND WRITE HOMEWORK JOHN WRITE HOMEWORK

7: JOHN \*BUY GO \*TOY JOHN CAN GO CAN

12: \*CAR CAN \*GO1 CAN JOHN CAN GO CAN

21: \*ANN FISH \*HOMEWORK \*VEGETABLE \*GIVE3 \*CAR \*CHICKEN \*EAT JOHN FISH WONT EAT BUT CAN EAT CHICKEN

25: \*ANN LIKE \*ANN \*LIKE \*ANN JOHN LIKE IX IX IX

28: \*ANN LIKE \*ANN \*MARY \*ANN JOHN LIKE IX IX IX

30: \*IX LIKE \*MARY \*LIKE IX JOHN LIKE IX IX IX

36: MARY \*JOHN \*GIVE1 \*WOMAN LIKE \*IX MARY VEGETABLE KNOW IX LIKE CORN1

40: JOHN \*VISIT \*SELF \*VEGETABLE \*MARY JOHN IX THINK MARY LOVE

43: JOHN \*JOHN BUY HOUSE JOHN MUST BUY HOUSE

50: \*JOHN \*SEE \*WRITE CAR SHOULD FUTURE JOHN BUY CAR SHOULD

54: \*SHOOT \*FUTURE \*WILL BUY HOUSE JOHN SHOULD NOT BUY HOUSE

57: \*IX \*THINK VISIT \*GIVE2 JOHN DECIDE VISIT MARY

67: JOHN FUTURE \*SHOULD BUY HOUSE JOHN FUTURE NOT BUY HOUSE

71: \*SHOOT WILL VISIT MARY JOHN WILL VISIT MARY

74: \*IX \*WHO VISIT MARY JOHN NOT VISIT MARY

77: ANN BLAME \*GO ANN BLAME MARY

84: \*JOHN \*STUDENT \*FUTURE BOOK IX-1P FIND SOMETHING-ONE BOOK

89: \*THINK \*WILL \*GIVE2 \*BILL \*OLD NEW COAT JOHN IX GIVE MAN IX NEW COAT

90: \*PREFER \*IX IX \*IX WOMAN BOOK JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

92: \*FRANK \*WILL \*SOMETHING-ONE SOMETHING-ONE WOMAN BOOK JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

100: POSS NEW CAR BREAK-DOWN POSS NEW CAR BREAK-DOWN

105: JOHN \*SEE JOHN LEG

107: \*MARY POSS FRIEND \*IX \*JOHN JOHN POSS FRIEND HAVE CANDY

108: \*LEAVE \*CHOCOLATE WOMAN ARRIVE

113: \*SHOOT CAR BLUE SUE \*BUY1 IX CAR BLUE SUE BUY

119: \*VEGETABLE \*BUY1 IX \*JOHN \*POSS SUE BUY IX CAR BLUE

122: JOHN \*GIVE1 BOOK JOHN READ BOOK

139: JOHN \*BUY1 \*TOY YESTERDAY BOOK JOHN BUY WHAT YESTERDAY BOOK

142: JOHN BUY YESTERDAY WHAT BOOK JOHN BUY YESTERDAY WHAT BOOK

158: LOVE \*MARY WHO LOVE JOHN WHO

167: \*MARY \*MARY \*MARY LOVE \*SOMETHING-ONE JOHN IX SAY LOVE MARY

171: \*MARY \*TOY1 BLAME JOHN MARY BLAME

174: \*STUDENT GROUP GIVE1 \*PREFER TOY PEOPLE GROUP GIVE1 JANA TOY

181: \*SUE ARRIVE JOHN ARRIVE

184: \*THROW BOY \*GIVE1 TEACHER APPLE ALL BOY GIVE TEACHER APPLE

189: \*JANA \*SELF \*CORN \*LIVE JOHN GIVE GIRL BOX

193: \*IX \*SELF \*CORN BOX JOHN GIVE GIRL BOX

199: \*JOHN CHOCOLATE \*FRANK LIKE CHOCOLATE WHO

201: \*FRANK \*THINK \*WOMAN \*LIKE BUY HOUSE JOHN TELL MARY IX-1P BUY HOUSE

features\_custom\_deltap

\*\*\*\* WER = 0.5842696629213483

Total correct: 74 out of 178

Video Recognized Correct

=====================================================================================================

2: \*IX \*GIVE1 HOMEWORK JOHN WRITE HOMEWORK

7: JOHN \*VISIT GO \*TOY JOHN CAN GO CAN

12: JOHN \*BOX \*JOHN CAN JOHN CAN GO CAN

21: JOHN \*WHAT \*HOMEWORK \*MARY \*VISIT \*FUTURE \*FUTURE \*MARY JOHN FISH WONT EAT BUT CAN EAT CHICKEN

25: JOHN \*IX \*JOHN IX IX JOHN LIKE IX IX IX

28: JOHN \*MARY \*MARY IX IX JOHN LIKE IX IX IX

30: JOHN \*MARY IX \*JOHN IX JOHN LIKE IX IX IX

36: MARY \*JOHN \*IX IX \*JOHN \*MARY MARY VEGETABLE KNOW IX LIKE CORN1

40: JOHN IX \*JOHN MARY \*IX JOHN IX THINK MARY LOVE

43: JOHN \*SHOULD \*DECIDE HOUSE JOHN MUST BUY HOUSE

50: \*JOHN \*SOMETHING-ONE BUY CAR \*VISIT FUTURE JOHN BUY CAR SHOULD

54: JOHN \*IX \*JOHN BUY \*HOMEWORK JOHN SHOULD NOT BUY HOUSE

57: JOHN \*JOHN \*IX \*IX JOHN DECIDE VISIT MARY

67: JOHN \*IX \*HOMEWORK \*WOMAN \*BOOK JOHN FUTURE NOT BUY HOUSE

71: JOHN \*WHAT \*ARRIVE \*HOMEWORK JOHN WILL VISIT MARY

74: JOHN \*IX \*IX MARY JOHN NOT VISIT MARY

77: \*JOHN BLAME MARY ANN BLAME MARY

84: \*JOHN \*GIVE1 \*IX BOOK IX-1P FIND SOMETHING-ONE BOOK

89: \*POSS IX GIVE \*BROTHER IX \*BUY \*BOOK JOHN IX GIVE MAN IX NEW COAT

90: JOHN \*IX IX \*IX \*IX \*LOVE JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

92: JOHN \*IX IX \*IX \*WHO \*CAR JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

100: \*IX NEW CAR \*HOUSE POSS NEW CAR BREAK-DOWN

105: JOHN \*MARY JOHN LEG

107: JOHN \*IX \*VISIT \*WHO \*JOHN JOHN POSS FRIEND HAVE CANDY

108: \*IX ARRIVE WOMAN ARRIVE

113: \*JOHN CAR \*MARY \*IX \*GIVE1 IX CAR BLUE SUE BUY

119: \*JOHN \*BUY1 IX CAR \*IX SUE BUY IX CAR BLUE

122: JOHN \*GIVE1 BOOK JOHN READ BOOK

139: JOHN \*ARRIVE WHAT \*WHO \*CAR JOHN BUY WHAT YESTERDAY BOOK

142: JOHN BUY YESTERDAY WHAT \*WHAT JOHN BUY YESTERDAY WHAT BOOK

158: LOVE JOHN \*JOHN LOVE JOHN WHO

167: JOHN \*WHO \*IX LOVE MARY JOHN IX SAY LOVE MARY

171: JOHN \*JOHN BLAME JOHN MARY BLAME

174: \*GIVE1 \*JOHN GIVE1 \*MARY \*CAR PEOPLE GROUP GIVE1 JANA TOY

181: JOHN ARRIVE JOHN ARRIVE

184: ALL \*JOHN \*GIVE1 TEACHER \*MARY ALL BOY GIVE TEACHER APPLE

189: JOHN \*IX \*MARY \*BOOK JOHN GIVE GIRL BOX

193: \*IX \*IX \*HOUSE BOX JOHN GIVE GIRL BOX

199: \*JOHN \*LOVE \*MARY LIKE CHOCOLATE WHO

201: JOHN \*MARY \*WHO \*JOHN BUY HOUSE JOHN TELL MARY IX-1P BUY HOUSE

**SelectorDIC**

features\_norm

\*\*\*\* WER = 0.6404494382022472

Total correct: 64 out of 178

Video Recognized Correct

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2: JOHN \*ARRIVE \*ARRIVE JOHN WRITE HOMEWORK

7: \*MARY \*CAR GO \*WHAT JOHN CAN GO CAN

12: \*MARY \*WHAT \*JOHN CAN JOHN CAN GO CAN

21: \*MARY \*JOHN \*JOHN \*BLAME \*JOHN \*CAR \*FUTURE \*YESTERDAY JOHN FISH WONT EAT BUT CAN EAT CHICKEN

25: \*MARY \*MARY \*MARY \*MARY \*MARY JOHN LIKE IX IX IX

28: \*ANN \*MARY \*MARY \*MARY \*MARY JOHN LIKE IX IX IX

30: \*IX-1P LIKE \*MARY \*LIKE \*LOVE JOHN LIKE IX IX IX

36: MARY \*MARY \*YESTERDAY \*VISIT LIKE \*IX MARY VEGETABLE KNOW IX LIKE CORN1

40: \*MARY \*JOHN \*SEE \*VEGETABLE \*MARY JOHN IX THINK MARY LOVE

43: JOHN \*JOHN BUY HOUSE JOHN MUST BUY HOUSE

50: \*POSS \*SEE \*JOHN CAR \*IX FUTURE JOHN BUY CAR SHOULD

54: JOHN \*FUTURE \*SHOULD \*ARRIVE HOUSE JOHN SHOULD NOT BUY HOUSE

57: \*IX \*IX \*JOHN \*VISIT JOHN DECIDE VISIT MARY

67: \*MARY \*IX \*JOHN \*ARRIVE HOUSE JOHN FUTURE NOT BUY HOUSE

71: JOHN \*FUTURE VISIT MARY JOHN WILL VISIT MARY

74: JOHN NOT \*MARY MARY JOHN NOT VISIT MARY

77: ANN BLAME MARY ANN BLAME MARY

84: \*JOHN \*WHAT \*VISIT BOOK IX-1P FIND SOMETHING-ONE BOOK

89: \*FUTURE \*POSS \*IX \*IX IX \*BOX COAT JOHN IX GIVE MAN IX NEW COAT

90: \*SELF \*IX IX \*IX WOMAN BOOK JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

92: JOHN \*IX IX \*IX \*LOVE BOOK JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

100: POSS NEW CAR BREAK-DOWN POSS NEW CAR BREAK-DOWN

105: JOHN \*POSS JOHN LEG

107: \*MARY POSS \*BOX \*MARY \*MARY JOHN POSS FRIEND HAVE CANDY

108: \*LOVE \*LOVE WOMAN ARRIVE

113: IX CAR \*IX \*IX \*BOX IX CAR BLUE SUE BUY

119: \*PREFER \*BUY1 IX \*JOHN \*FINISH SUE BUY IX CAR BLUE

122: JOHN \*GIVE1 BOOK JOHN READ BOOK

139: JOHN \*BUY1 WHAT \*GO BOOK JOHN BUY WHAT YESTERDAY BOOK

142: JOHN BUY YESTERDAY WHAT BOOK JOHN BUY YESTERDAY WHAT BOOK

158: LOVE JOHN WHO LOVE JOHN WHO

167: JOHN IX \*SAY-1P LOVE \*IX JOHN IX SAY LOVE MARY

171: \*MARY \*JOHN BLAME JOHN MARY BLAME

174: \*JOHN \*GIVE1 GIVE1 \*YESTERDAY \*CAR PEOPLE GROUP GIVE1 JANA TOY

181: JOHN \*BOX JOHN ARRIVE

184: \*IX \*IX \*GIVE1 TEACHER APPLE ALL BOY GIVE TEACHER APPLE

189: \*MARY \*MARY \*YESTERDAY \*ARRIVE JOHN GIVE GIRL BOX

193: \*IX \*YESTERDAY \*YESTERDAY BOX JOHN GIVE GIRL BOX

199: \*JOHN \*ARRIVE \*JOHN LIKE CHOCOLATE WHO

201: JOHN \*GIVE1 \*IX \*WOMAN \*ARRIVE HOUSE JOHN TELL MARY IX-1P BUY HOUSE

features\_polar

\*\*\*\* WER = 0.5224719101123596

Total correct: 85 out of 178

Video Recognized Correct

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2: \*GO \*NEW \*GIVE1 JOHN WRITE HOMEWORK

7: JOHN CAN GO \*ARRIVE JOHN CAN GO CAN

12: JOHN \*WHAT \*GIVE1 CAN JOHN CAN GO CAN

21: JOHN \*NEW \*JOHN \*WHO \*CAR \*CAR \*FUTURE \*WHO JOHN FISH WONT EAT BUT CAN EAT CHICKEN

25: JOHN \*IX IX \*WHO IX JOHN LIKE IX IX IX

28: JOHN \*FUTURE IX \*FUTURE IX JOHN LIKE IX IX IX

30: JOHN LIKE \*MARY \*MARY \*MARY JOHN LIKE IX IX IX

36: \*VISIT \*VISIT \*GIVE \*GIVE \*MARY \*MARY MARY VEGETABLE KNOW IX LIKE CORN1

40: JOHN \*VISIT \*GIVE \*JOHN \*MARY JOHN IX THINK MARY LOVE

43: JOHN \*JOHN BUY HOUSE JOHN MUST BUY HOUSE

50: \*JOHN \*SEE BUY CAR \*JOHN FUTURE JOHN BUY CAR SHOULD

54: JOHN SHOULD NOT BUY HOUSE JOHN SHOULD NOT BUY HOUSE

57: \*MARY \*VISIT VISIT \*VISIT JOHN DECIDE VISIT MARY

67: \*SHOULD FUTURE \*MARY BUY HOUSE JOHN FUTURE NOT BUY HOUSE

71: JOHN \*FUTURE \*GIVE1 MARY JOHN WILL VISIT MARY

74: \*IX \*VISIT VISIT MARY JOHN NOT VISIT MARY

77: \*JOHN BLAME MARY ANN BLAME MARY

84: \*LOVE \*GIVE1 \*GIVE1 \*COAT IX-1P FIND SOMETHING-ONE BOOK

89: JOHN \*SHOULD GIVE \*IX IX \*ARRIVE \*BOOK JOHN IX GIVE MAN IX NEW COAT

90: JOHN GIVE IX SOMETHING-ONE \*GO \*ARRIVE JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

92: JOHN GIVE IX \*IX WOMAN BOOK JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

100: POSS NEW CAR BREAK-DOWN POSS NEW CAR BREAK-DOWN

105: JOHN \*SEE JOHN LEG

107: JOHN \*IX \*HAVE \*GO \*GO JOHN POSS FRIEND HAVE CANDY

108: WOMAN \*BOOK WOMAN ARRIVE

113: IX CAR \*IX \*IX \*BOX IX CAR BLUE SUE BUY

119: \*MARY \*LOVE IX \*BLAME \*GO SUE BUY IX CAR BLUE

122: JOHN \*GIVE1 BOOK JOHN READ BOOK

139: JOHN \*ARRIVE WHAT \*JOHN \*ARRIVE JOHN BUY WHAT YESTERDAY BOOK

142: JOHN BUY YESTERDAY WHAT BOOK JOHN BUY YESTERDAY WHAT BOOK

158: LOVE JOHN WHO LOVE JOHN WHO

167: JOHN IX \*VISIT LOVE MARY JOHN IX SAY LOVE MARY

171: JOHN \*IX BLAME JOHN MARY BLAME

174: \*JOHN \*GIVE1 GIVE1 \*YESTERDAY \*JOHN PEOPLE GROUP GIVE1 JANA TOY

181: \*GO ARRIVE JOHN ARRIVE

184: \*IX BOY \*GIVE1 TEACHER \*YESTERDAY ALL BOY GIVE TEACHER APPLE

189: \*MARY \*MARY \*VISIT BOX JOHN GIVE GIRL BOX

193: JOHN \*IX \*YESTERDAY BOX JOHN GIVE GIRL BOX

199: \*JOHN \*STUDENT \*GO LIKE CHOCOLATE WHO

201: JOHN \*MARY \*WOMAN \*LOVE BUY HOUSE JOHN TELL MARY IX-1P BUY HOUSE

features\_delta

\*\*\*\* WER = 0.6292134831460674

Total correct: 66 out of 178

Video Recognized Correct

=====================================================================================================

2: JOHN \*GIVE1 \*ARRIVE JOHN WRITE HOMEWORK

7: JOHN \*BOOK \*GIVE1 \*ARRIVE JOHN CAN GO CAN

12: JOHN \*BOX \*GIVE1 CAN JOHN CAN GO CAN

21: JOHN \*MARY \*LOVE \*MARY \*HOUSE \*FUTURE \*FUTURE \*MARY JOHN FISH WONT EAT BUT CAN EAT CHICKEN

25: JOHN \*IX \*JOHN IX IX JOHN LIKE IX IX IX

28: JOHN \*MARY \*JOHN IX \*SHOULD JOHN LIKE IX IX IX

30: JOHN \*IX \*SHOULD \*JOHN IX JOHN LIKE IX IX IX

36: \*JOHN \*JOHN \*JOHN IX \*MARY \*JOHN MARY VEGETABLE KNOW IX LIKE CORN1

40: \*MARY IX \*JOHN MARY \*MARY JOHN IX THINK MARY LOVE

43: JOHN \*IX BUY HOUSE JOHN MUST BUY HOUSE

50: \*JOHN \*BOY BUY CAR \*MARY FUTURE JOHN BUY CAR SHOULD

54: JOHN \*JOHN \*JOHN BUY HOUSE JOHN SHOULD NOT BUY HOUSE

57: \*IX \*JOHN \*IX \*IX JOHN DECIDE VISIT MARY

67: JOHN \*JOHN \*MARY \*GO HOUSE JOHN FUTURE NOT BUY HOUSE

71: JOHN \*SOMETHING-ONE \*CAR \*CAR JOHN WILL VISIT MARY

74: JOHN \*JOHN \*IX MARY JOHN NOT VISIT MARY

77: \*JOHN \*GIVE1 MARY ANN BLAME MARY

84: \*JOHN \*GIVE1 \*IX BOOK IX-1P FIND SOMETHING-ONE BOOK

89: \*GIVE1 \*JOHN \*IX \*IX \*JOHN \*WHAT \*CAN JOHN IX GIVE MAN IX NEW COAT

90: JOHN \*JOHN \*JOHN \*IX WOMAN \*MARY JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

92: JOHN \*IX \*JOHN \*IX \*IX BOOK JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

100: \*JOHN NEW CAR \*BOOK POSS NEW CAR BREAK-DOWN

105: JOHN \*JOHN JOHN LEG

107: JOHN \*JOHN \*CAR \*MARY \*JOHN JOHN POSS FRIEND HAVE CANDY

108: \*JOHN \*BOOK WOMAN ARRIVE

113: \*JOHN CAR \*MARY \*MARY \*GIVE1 IX CAR BLUE SUE BUY

119: \*JOHN \*CAR IX CAR \*MARY SUE BUY IX CAR BLUE

122: JOHN \*ARRIVE BOOK JOHN READ BOOK

139: JOHN \*BOOK WHAT \*JOHN \*MARY JOHN BUY WHAT YESTERDAY BOOK

142: JOHN BUY \*FUTURE WHAT BOOK JOHN BUY YESTERDAY WHAT BOOK

158: \*ARRIVE JOHN \*JOHN LOVE JOHN WHO

167: JOHN IX \*IX \*BOOK MARY JOHN IX SAY LOVE MARY

171: JOHN \*JOHN BLAME JOHN MARY BLAME

174: \*GIVE1 \*MARY GIVE1 \*JOHN \*CAR PEOPLE GROUP GIVE1 JANA TOY

181: JOHN ARRIVE JOHN ARRIVE

184: \*IX \*JOHN \*GIVE1 TEACHER \*MARY ALL BOY GIVE TEACHER APPLE

189: JOHN \*JOHN \*JOHN \*ARRIVE JOHN GIVE GIRL BOX

193: JOHN \*IX \*WOMAN BOX JOHN GIVE GIRL BOX

199: \*JOHN \*MARY \*MARY LIKE CHOCOLATE WHO

201: JOHN \*IX MARY \*JOHN BUY HOUSE JOHN TELL MARY IX-1P BUY HOUSE

features\_custom\_scale

\*\*\*\* WER = 0.5730337078651685

Total correct: 76 out of 178

Video Recognized Correct

=====================================================================================================

2: \*MOTHER WRITE HOMEWORK JOHN WRITE HOMEWORK

7: JOHN \*NEXT-WEEK GO \*TOY JOHN CAN GO CAN

12: \*CAR CAN \*GO1 CAN JOHN CAN GO CAN

21: \*ANN FISH \*HOMEWORK \*VEGETABLE \*GIVE3 \*CAR \*CHICKEN \*EAT JOHN FISH WONT EAT BUT CAN EAT CHICKEN

25: \*ANN LIKE \*ANN \*LIKE \*ANN JOHN LIKE IX IX IX

28: \*ANN LIKE \*ANN \*LIKE \*ANN JOHN LIKE IX IX IX

30: \*IX LIKE \*MARY \*LIKE IX JOHN LIKE IX IX IX

36: MARY \*JOHN \*GIVE1 \*WOMAN \*FRANK \*IX MARY VEGETABLE KNOW IX LIKE CORN1

40: JOHN \*VISIT \*SELF \*VEGETABLE \*MARY JOHN IX THINK MARY LOVE

43: JOHN \*PREFER BUY HOUSE JOHN MUST BUY HOUSE

50: \*JOHN \*SEE \*WRITE CAR SHOULD FUTURE JOHN BUY CAR SHOULD

54: \*SHOOT SHOULD \*FUTURE BUY HOUSE JOHN SHOULD NOT BUY HOUSE

57: \*IX \*MARY VISIT \*GIVE2 JOHN DECIDE VISIT MARY

67: JOHN FUTURE \*SHOULD BUY HOUSE JOHN FUTURE NOT BUY HOUSE

71: \*SHOOT WILL VISIT MARY JOHN WILL VISIT MARY

74: \*LIKE \*WHO VISIT MARY JOHN NOT VISIT MARY

77: ANN BLAME \*ANN ANN BLAME MARY

84: \*ANN \*STUDENT \*FUTURE BOOK IX-1P FIND SOMETHING-ONE BOOK

89: \*THINK \*WILL \*GIVE2 \*BILL \*OLD \*GIVE1 COAT JOHN IX GIVE MAN IX NEW COAT

90: \*PREFER \*IX IX \*IX WOMAN BOOK JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

92: \*FRANK \*WILL \*SOMETHING-ONE SOMETHING-ONE WOMAN BOOK JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

100: POSS NEW CAR BREAK-DOWN POSS NEW CAR BREAK-DOWN

105: JOHN \*SEE JOHN LEG

107: \*MARY POSS FRIEND \*MARY \*JOHN JOHN POSS FRIEND HAVE CANDY

108: \*LEAVE \*CHOCOLATE WOMAN ARRIVE

113: \*SHOOT CAR BLUE \*WONT \*BUY1 IX CAR BLUE SUE BUY

119: \*VEGETABLE \*BUY1 IX \*JOHN \*POSS SUE BUY IX CAR BLUE

122: JOHN \*GIVE1 BOOK JOHN READ BOOK

139: JOHN \*BUY1 \*TOY YESTERDAY BOOK JOHN BUY WHAT YESTERDAY BOOK

142: JOHN BUY YESTERDAY WHAT BOOK JOHN BUY YESTERDAY WHAT BOOK

158: LOVE \*MARY WHO LOVE JOHN WHO

167: \*MARY \*MARY \*MARY LOVE \*IX JOHN IX SAY LOVE MARY

171: \*MARY \*TOY1 BLAME JOHN MARY BLAME

174: \*STUDENT GROUP GIVE1 \*PREFER TOY PEOPLE GROUP GIVE1 JANA TOY

181: \*SUE ARRIVE JOHN ARRIVE

184: \*THROW BOY \*GIVE1 TEACHER APPLE ALL BOY GIVE TEACHER APPLE

189: \*JANA \*SELF \*CORN \*LIVE JOHN GIVE GIRL BOX

193: \*IX \*SELF \*CORN BOX JOHN GIVE GIRL BOX

199: \*JOHN CHOCOLATE \*FRANK LIKE CHOCOLATE WHO

201: \*FRANK \*THINK \*WOMAN \*LIKE BUY HOUSE JOHN TELL MARY IX-1P BUY HOUSE

features\_custom\_deltap

\*\*\*\* WER = 0.5730337078651685

Total correct: 76 out of 178

Video Recognized Correct

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2: \*IX \*GIVE1 HOMEWORK JOHN WRITE HOMEWORK

7: JOHN \*BUY \*GIVE \*TOY JOHN CAN GO CAN

12: JOHN \*BOX \*HOMEWORK CAN JOHN CAN GO CAN

21: JOHN \*WHAT \*HOMEWORK \*MARY \*HOUSE \*FUTURE \*FUTURE \*MARY JOHN FISH WONT EAT BUT CAN EAT CHICKEN

25: JOHN \*IX IX IX IX JOHN LIKE IX IX IX

28: JOHN \*MARY \*MARY IX IX JOHN LIKE IX IX IX

30: JOHN \*MARY IX \*JOHN IX JOHN LIKE IX IX IX

36: MARY \*IX \*IX IX \*MARY \*MARY MARY VEGETABLE KNOW IX LIKE CORN1

40: JOHN IX \*JOHN MARY \*IX JOHN IX THINK MARY LOVE

43: JOHN \*IX \*DECIDE HOUSE JOHN MUST BUY HOUSE

50: \*JOHN \*MARY BUY CAR \*MARY FUTURE JOHN BUY CAR SHOULD

54: JOHN \*IX \*JOHN BUY HOUSE JOHN SHOULD NOT BUY HOUSE

57: \*IX \*JOHN \*IX \*IX JOHN DECIDE VISIT MARY

67: JOHN \*IX \*ARRIVE \*GIVE3 \*BOOK JOHN FUTURE NOT BUY HOUSE

71: JOHN \*JOHN VISIT \*HOMEWORK JOHN WILL VISIT MARY

74: JOHN \*IX \*IX MARY JOHN NOT VISIT MARY

77: \*JOHN BLAME MARY ANN BLAME MARY

84: \*JOHN \*ARRIVE \*IX BOOK IX-1P FIND SOMETHING-ONE BOOK

89: \*POSS IX GIVE \*GO \*GO \*BUY \*CAN JOHN IX GIVE MAN IX NEW COAT

90: JOHN \*IX IX \*IX \*IX \*LOVE JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

92: JOHN \*IX IX \*IX \*WHO \*CAR JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

100: \*IX NEW CAR BREAK-DOWN POSS NEW CAR BREAK-DOWN

105: JOHN \*MARY JOHN LEG

107: JOHN \*IX \*ARRIVE \*WHO \*JOHN JOHN POSS FRIEND HAVE CANDY

108: \*IX ARRIVE WOMAN ARRIVE

113: \*JOHN CAR \*JOHN \*IX \*GIVE1 IX CAR BLUE SUE BUY

119: \*JOHN \*BUY1 IX CAR \*IX SUE BUY IX CAR BLUE

122: JOHN \*GIVE1 BOOK JOHN READ BOOK

139: JOHN \*HOUSE WHAT \*JOHN \*CAR JOHN BUY WHAT YESTERDAY BOOK

142: JOHN BUY YESTERDAY WHAT \*WHAT JOHN BUY YESTERDAY WHAT BOOK

158: LOVE JOHN \*MARY LOVE JOHN WHO

167: JOHN \*JOHN \*IX LOVE MARY JOHN IX SAY LOVE MARY

171: JOHN MARY BLAME JOHN MARY BLAME

174: \*GIVE1 \*LOVE GIVE1 \*MARY \*CAR PEOPLE GROUP GIVE1 JANA TOY

181: JOHN ARRIVE JOHN ARRIVE

184: ALL \*HAVE \*GIVE1 TEACHER \*MARY ALL BOY GIVE TEACHER APPLE

189: JOHN \*IX \*MARY \*BOOK JOHN GIVE GIRL BOX

193: \*IX \*IX \*HAVE BOX JOHN GIVE GIRL BOX

199: \*JOHN \*LOVE \*MARY LIKE CHOCOLATE WHO

201: JOHN \*MARY \*WHO \*IX BUY HOUSE JOHN TELL MARY IX-1P BUY HOUSE

**SelectorCV**

features\_norm

\*\*\*\* WER = 0.6573033707865169

Total correct: 61 out of 178

Video Recognized Correct

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2: \*FUTURE \*BUY \*ARRIVE JOHN WRITE HOMEWORK

7: \*IX \*BUY \*MARY \*WHAT JOHN CAN GO CAN

12: JOHN \*WHAT \*WHAT \*WHAT JOHN CAN GO CAN

21: \*IX \*CAR \*FUTURE \*BLAME \*CAR \*CAR \*YESTERDAY \*ARRIVE JOHN FISH WONT EAT BUT CAN EAT CHICKEN

25: \*IX \*IX IX IX IX JOHN LIKE IX IX IX

28: \*IX LIKE IX IX IX JOHN LIKE IX IX IX

30: \*IX-1P \*IX IX IX IX JOHN LIKE IX IX IX

36: \*IX \*SHOULD \*GIVE3 \*WOMAN \*IX \*IX MARY VEGETABLE KNOW IX LIKE CORN1

40: \*IX \*JOHN \*SELF MARY LOVE JOHN IX THINK MARY LOVE

43: JOHN \*JOHN BUY HOUSE JOHN MUST BUY HOUSE

50: \*JOHN \*IX \*WHAT \*WHAT SHOULD FUTURE JOHN BUY CAR SHOULD

54: JOHN \*FUTURE \*JOHN BUY \*WHAT JOHN SHOULD NOT BUY HOUSE

57: \*IX \*IX \*JOHN \*IX JOHN DECIDE VISIT MARY

67: JOHN FUTURE \*JOHN \*WHAT \*WHAT JOHN FUTURE NOT BUY HOUSE

71: \*SOMETHING-ONE \*FUTURE \*WHAT \*BOX JOHN WILL VISIT MARY

74: \*IX NOT \*IX \*IX JOHN NOT VISIT MARY

77: \*IX \*ARRIVE MARY ANN BLAME MARY

84: \*IX \*WHAT \*VISIT BOOK IX-1P FIND SOMETHING-ONE BOOK

89: JOHN \*JOHN \*IX \*JOHN IX \*CAR COAT JOHN IX GIVE MAN IX NEW COAT

90: \*SELF \*GIVE1 \*WOMAN \*GIVE3 WOMAN BOOK JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

92: JOHN \*JOHN \*WOMAN \*WOMAN WOMAN BOOK JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

100: POSS NEW CAR BREAK-DOWN POSS NEW CAR BREAK-DOWN

105: JOHN \*JOHN JOHN LEG

107: \*MARY \*JOHN \*CAR \*MARY \*JOHN JOHN POSS FRIEND HAVE CANDY

108: \*JOHN \*IX WOMAN ARRIVE

113: IX CAR \*CAR \*IX \*BUY1 IX CAR BLUE SUE BUY

119: \*SELF \*BUY1 \*JOHN \*WHAT \*JOHN SUE BUY IX CAR BLUE

122: JOHN \*WHAT BOOK JOHN READ BOOK

139: \*IX \*LOVE \*CAR \*CAN BOOK JOHN BUY WHAT YESTERDAY BOOK

142: JOHN BUY \*FUTURE WHAT BOOK JOHN BUY YESTERDAY WHAT BOOK

158: \*ARRIVE JOHN WHO LOVE JOHN WHO

167: JOHN IX \*NOT LOVE MARY JOHN IX SAY LOVE MARY

171: JOHN \*IX \*ARRIVE JOHN MARY BLAME

174: \*WHAT \*GIVE1 GIVE1 \*WHO \*CAR PEOPLE GROUP GIVE1 JANA TOY

181: \*VISIT ARRIVE JOHN ARRIVE

184: \*POSS BOY \*GIVE1 TEACHER \*WHO ALL BOY GIVE TEACHER APPLE

189: \*JANA \*GIVE3 \*WHO \*WHAT JOHN GIVE GIRL BOX

193: \*IX \*IX \*WHO BOX JOHN GIVE GIRL BOX

199: \*JOHN \*BUY1 \*JOHN LIKE CHOCOLATE WHO

201: JOHN \*JOHN \*JOHN \*LOVE BUY HOUSE JOHN TELL MARY IX-1P BUY HOUSE

features\_polar

\*\*\*\* WER = 0.6741573033707865

Total correct: 58 out of 178

Video Recognized Correct

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2: JOHN \*ARRIVE \*JOHN JOHN WRITE HOMEWORK

7: JOHN \*WHAT \*WHAT \*WHAT JOHN CAN GO CAN

12: \*IX \*ARRIVE \*JOHN CAN JOHN CAN GO CAN

21: JOHN \*JOHN \*CAR \*FUTURE \*JOHN CAN \*FUTURE \*MARY JOHN FISH WONT EAT BUT CAN EAT CHICKEN

25: JOHN \*IX IX \*WHO IX JOHN LIKE IX IX IX

28: JOHN \*IX IX IX IX JOHN LIKE IX IX IX

30: JOHN \*IX IX IX IX JOHN LIKE IX IX IX

36: \*JOHN \*JOHN \*BOY IX \*IX \*JOHN MARY VEGETABLE KNOW IX LIKE CORN1

40: \*MARY IX \*JOHN MARY \*IX JOHN IX THINK MARY LOVE

43: JOHN \*IX BUY HOUSE JOHN MUST BUY HOUSE

50: \*JOHN JOHN BUY \*JOHN SHOULD FUTURE JOHN BUY CAR SHOULD

54: JOHN SHOULD \*FUTURE BUY HOUSE JOHN SHOULD NOT BUY HOUSE

57: \*MARY \*JOHN \*IX \*IX JOHN DECIDE VISIT MARY

67: JOHN \*JOHN \*MARY BUY HOUSE JOHN FUTURE NOT BUY HOUSE

71: JOHN \*FUTURE \*JOHN \*JOHN JOHN WILL VISIT MARY

74: JOHN \*JOHN \*IX \*IX JOHN NOT VISIT MARY

77: \*JOHN \*ARRIVE \*LOVE ANN BLAME MARY

84: \*JOHN \*JOHN \*CAR BOOK IX-1P FIND SOMETHING-ONE BOOK

89: JOHN \*SHOULD \*IX \*IX IX \*ARRIVE \*WHAT JOHN IX GIVE MAN IX NEW COAT

90: \*POSS GIVE \*GIVE1 \*GIVE3 \*JOHN \*ARRIVE JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

92: JOHN \*IX IX \*IX \*JOHN \*ARRIVE JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

100: \*IX \*ARRIVE CAR \*BOOK POSS NEW CAR BREAK-DOWN

105: JOHN \*POSS JOHN LEG

107: \*MARY \*JOHN \*WHAT \*LOVE \*MARY JOHN POSS FRIEND HAVE CANDY

108: \*JOHN \*WHAT WOMAN ARRIVE

113: \*JOHN CAR \*SUE \*MARY \*WHAT IX CAR BLUE SUE BUY

119: \*JOHN \*ARRIVE \*JOHN \*BOX \*MARY SUE BUY IX CAR BLUE

122: JOHN \*JOHN BOOK JOHN READ BOOK

139: JOHN \*WHAT \*CAR \*JOHN \*ARRIVE JOHN BUY WHAT YESTERDAY BOOK

142: JOHN BUY \*FUTURE \*ARRIVE \*ARRIVE JOHN BUY YESTERDAY WHAT BOOK

158: LOVE \*WHO \*JOHN LOVE JOHN WHO

167: JOHN \*MARY \*IX LOVE \*LOVE JOHN IX SAY LOVE MARY

171: JOHN MARY \*JOHN JOHN MARY BLAME

174: \*WHAT \*JOHN GIVE1 \*JOHN \*WHAT PEOPLE GROUP GIVE1 JANA TOY

181: \*POSS \*WHAT JOHN ARRIVE

184: \*IX BOY \*JOHN \*JOHN \*IX ALL BOY GIVE TEACHER APPLE

189: JOHN \*MARY \*VISIT \*WHAT JOHN GIVE GIRL BOX

193: \*MARY \*MARY \*FUTURE \*WHAT JOHN GIVE GIRL BOX

199: \*JOHN \*LOVE \*IX LIKE CHOCOLATE WHO

201: JOHN \*SHOULD \*GIVE1 \*JOHN BUY \*JOHN JOHN TELL MARY IX-1P BUY HOUSE

features\_delta

\*\*\*\* WER = 0.7640449438202247

Total correct: 42 out of 178

Video Recognized Correct

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2: JOHN \*WHO \*CHOCOLATE JOHN WRITE HOMEWORK

7: JOHN \*WHO \*NEW-YORK \*WHO JOHN CAN GO CAN

12: JOHN \*WHAT \*WHO CAN JOHN CAN GO CAN

21: JOHN \*JOHN \*JOHN \*JOHN BUT \*NEW-YORK \*JOHN \*JOHN JOHN FISH WONT EAT BUT CAN EAT CHICKEN

25: JOHN \*JOHN \*JOHN \*JOHN \*JOHN JOHN LIKE IX IX IX

28: JOHN \*MARY \*JOHN \*JOHN IX JOHN LIKE IX IX IX

30: JOHN \*JOHN \*WHO \*JOHN IX JOHN LIKE IX IX IX

36: \*JOHN \*JOHN \*JOHN IX \*IX \*JOHN MARY VEGETABLE KNOW IX LIKE CORN1

40: JOHN IX \*JOHN \*JOHN \*JOHN JOHN IX THINK MARY LOVE

43: JOHN \*WHO \*FINISH HOUSE JOHN MUST BUY HOUSE

50: \*JOHN \*NOT \*CAR \*WHO \*WHO FUTURE JOHN BUY CAR SHOULD

54: JOHN \*JOHN \*JOHN \*BOY HOUSE JOHN SHOULD NOT BUY HOUSE

57: \*YESTERDAY \*JOHN \*JOHN \*JOHN JOHN DECIDE VISIT MARY

67: JOHN \*JOHN \*WHO \*CHOCOLATE \*WHO JOHN FUTURE NOT BUY HOUSE

71: JOHN \*JOHN \*CHOCOLATE \*JOHN JOHN WILL VISIT MARY

74: JOHN \*WHO \*JOHN \*JOHN JOHN NOT VISIT MARY

77: \*JOHN \*IX \*JOHN ANN BLAME MARY

84: \*WHO \*WHO \*JOHN BOOK IX-1P FIND SOMETHING-ONE BOOK

89: \*YESTERDAY \*JOHN \*IX \*JOHN \*JOHN \*WHO \*CAN JOHN IX GIVE MAN IX NEW COAT

90: JOHN \*JOHN \*JOHN \*IX \*JOHN \*JOHN JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

92: JOHN \*JOHN \*JOHN \*JOHN \*JOHN \*WHO JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

100: \*JOHN \*CHOCOLATE \*WHO \*CHOCOLATE POSS NEW CAR BREAK-DOWN

105: JOHN \*JOHN JOHN LEG

107: JOHN \*JOHN \*ARRIVE \*WHO \*JOHN JOHN POSS FRIEND HAVE CANDY

108: \*JOHN ARRIVE WOMAN ARRIVE

113: \*JOHN CAR \*JOHN \*JOHN \*CHOCOLATE IX CAR BLUE SUE BUY

119: \*JOHN \*CHOCOLATE \*JOHN CAR \*WHO SUE BUY IX CAR BLUE

122: JOHN \*BOY BOOK JOHN READ BOOK

139: JOHN \*CAR \*JOHN \*JOHN \*ARRIVE JOHN BUY WHAT YESTERDAY BOOK

142: JOHN \*CHOCOLATE \*JOHN \*JOHN \*ARRIVE JOHN BUY YESTERDAY WHAT BOOK

158: \*BOY JOHN \*JOHN LOVE JOHN WHO

167: JOHN \*JOHN \*IX \*ARRIVE \*WHO JOHN IX SAY LOVE MARY

171: JOHN \*JOHN \*JOHN JOHN MARY BLAME

174: \*WHO \*JOHN \*CHOCOLATE \*JOHN \*CAR PEOPLE GROUP GIVE1 JANA TOY

181: JOHN \*WHO JOHN ARRIVE

184: \*IX \*JOHN \*CHOCOLATE \*WHO \*JOHN ALL BOY GIVE TEACHER APPLE

189: JOHN \*JOHN \*JOHN \*WHO JOHN GIVE GIRL BOX

193: JOHN \*JOHN \*JOHN BOX JOHN GIVE GIRL BOX

199: \*JOHN \*CAR \*JOHN LIKE CHOCOLATE WHO

201: JOHN \*JOHN \*JOHN \*JOHN \*BOY HOUSE JOHN TELL MARY IX-1P BUY HOUSE

features\_custom\_scale

\*\*\*\* WER = 0.6067415730337079

Total correct: 70 out of 178

Video Recognized Correct

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2: \*SOMETHING-ONE \*BOOK \*VIDEOTAPE JOHN WRITE HOMEWORK

7: JOHN \*BUY \*LIKE CAN JOHN CAN GO CAN

12: \*BUY CAN \*GO1 CAN JOHN CAN GO CAN

21: \*LIKE FISH \*FUTURE \*VEGETABLE BUT \*CAR \*CHICKEN \*EAT JOHN FISH WONT EAT BUT CAN EAT CHICKEN

25: \*LIKE LIKE \*LIKE \*LIKE \*LIKE JOHN LIKE IX IX IX

28: \*LIKE LIKE \*LIKE \*LIKE \*LIKE JOHN LIKE IX IX IX

30: JOHN LIKE \*MARY \*LIKE \*LIKE JOHN LIKE IX IX IX

36: \*LOVE \*JANA \*IX \*WOMAN \*LOVE \*MARY MARY VEGETABLE KNOW IX LIKE CORN1

40: JOHN \*VISIT \*WHO MARY LOVE JOHN IX THINK MARY LOVE

43: JOHN \*FUTURE BUY HOUSE JOHN MUST BUY HOUSE

50: \*JOHN \*FRANK BUY CAR \*PREFER FUTURE JOHN BUY CAR SHOULD

54: \*SOMETHING-ONE \*FUTURE \*FUTURE BUY HOUSE JOHN SHOULD NOT BUY HOUSE

57: \*MARY \*VEGETABLE VISIT \*VISIT JOHN DECIDE VISIT MARY

67: \*LIKE FUTURE \*PREFER BUY HOUSE JOHN FUTURE NOT BUY HOUSE

71: \*SOMETHING-ONE WILL VISIT \*BOX JOHN WILL VISIT MARY

74: \*LIKE \*WHO VISIT \*LIKE JOHN NOT VISIT MARY

77: \*CHOCOLATE BLAME \*LOVE ANN BLAME MARY

84: \*JOHN \*HAVE \*ARRIVE BOOK IX-1P FIND SOMETHING-ONE BOOK

89: \*FUTURE \*POSS \*ALL \*WOMAN IX NEW COAT JOHN IX GIVE MAN IX NEW COAT

90: \*MARY \*IX IX \*MAN WOMAN BOOK JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

92: JOHN \*FUTURE IX \*WOMAN WOMAN \*MOVIE JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

100: POSS NEW \*HOUSE BREAK-DOWN POSS NEW CAR BREAK-DOWN

105: JOHN \*SEE JOHN LEG

107: \*MARY \*JOHN \*ARRIVE \*IX \*JOHN JOHN POSS FRIEND HAVE CANDY

108: \*LEAVE \*CHOCOLATE WOMAN ARRIVE

113: IX \*MARY BLUE \*MARY \*BUY1 IX CAR BLUE SUE BUY

119: \*VEGETABLE \*BUY1 IX \*MARY \*SELF SUE BUY IX CAR BLUE

122: JOHN \*GIVE1 BOOK JOHN READ BOOK

139: JOHN \*BUY1 \*CAN YESTERDAY BOOK JOHN BUY WHAT YESTERDAY BOOK

142: JOHN BUY \*FUTURE \*CAN BOOK JOHN BUY YESTERDAY WHAT BOOK

158: LOVE \*LIKE WHO LOVE JOHN WHO

167: JOHN IX \*VISIT LOVE MARY JOHN IX SAY LOVE MARY

171: JOHN \*JOHN BLAME JOHN MARY BLAME

174: \*BUY \*GIVE1 GIVE1 \*MARY \*BLAME PEOPLE GROUP GIVE1 JANA TOY

181: JOHN \*CHOCOLATE JOHN ARRIVE

184: \*IX BOY \*GIVE1 TEACHER \*DECIDE ALL BOY GIVE TEACHER APPLE

189: \*MARY \*SEE \*CORN \*BUY1 JOHN GIVE GIRL BOX

193: \*MARY \*GIVE3 \*CORN BOX JOHN GIVE GIRL BOX

199: \*JOHN CHOCOLATE \*TELL LIKE CHOCOLATE WHO

201: JOHN \*FUTURE \*WOMAN \*LIKE BUY HOUSE JOHN TELL MARY IX-1P BUY HOUSE

features\_custom\_deltap

\*\*\*\* WER = 0.6741573033707865

Total correct: 58 out of 178

Video Recognized Correct

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2: JOHN \*CHOCOLATE \*WHO JOHN WRITE HOMEWORK

7: JOHN \*CHOCOLATE \*JOHN \*CHOCOLATE JOHN CAN GO CAN

12: JOHN \*CAR \*HOUSE CAN JOHN CAN GO CAN

21: JOHN \*JOHN \*WHO \*JOHN BUT \*MARY \*MARY \*MARY JOHN FISH WONT EAT BUT CAN EAT CHICKEN

25: JOHN \*IX IX IX IX JOHN LIKE IX IX IX

28: JOHN \*JOHN \*JOHN \*JOHN IX JOHN LIKE IX IX IX

30: JOHN \*JOHN IX \*JOHN IX JOHN LIKE IX IX IX

36: \*JOHN \*LOVE \*BOY IX \*YESTERDAY \*MARY MARY VEGETABLE KNOW IX LIKE CORN1

40: JOHN IX \*JOHN \*IX \*IX JOHN IX THINK MARY LOVE

43: JOHN \*IX \*NOT HOUSE JOHN MUST BUY HOUSE

50: \*JOHN \*NOT BUY CAR \*MARY FUTURE JOHN BUY CAR SHOULD

54: JOHN \*JOHN \*JOHN \*VISIT HOUSE JOHN SHOULD NOT BUY HOUSE

57: JOHN \*JOHN \*WOMAN \*IX JOHN DECIDE VISIT MARY

67: JOHN \*JOHN \*IX \*VISIT \*CHOCOLATE JOHN FUTURE NOT BUY HOUSE

71: JOHN \*JOHN \*CHOCOLATE \*JOHN JOHN WILL VISIT MARY

74: JOHN \*MARY \*IX \*IX JOHN NOT VISIT MARY

77: \*JOHN \*ARRIVE MARY ANN BLAME MARY

84: \*JOHN \*CHOCOLATE \*WHO BOOK IX-1P FIND SOMETHING-ONE BOOK

89: JOHN IX GIVE \*IX IX \*WHAT \*CAN JOHN IX GIVE MAN IX NEW COAT

90: JOHN \*GIVE1 IX \*JOHN \*JOHN BOOK JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

92: JOHN \*JOHN IX \*JOHN \*WHO \*CHOCOLATE JOHN GIVE IX SOMETHING-ONE WOMAN BOOK

100: \*JOHN \*CHOCOLATE \*WHAT \*HOUSE POSS NEW CAR BREAK-DOWN

105: JOHN \*JOHN JOHN LEG

107: JOHN \*JOHN \*CHOCOLATE \*MARY \*JOHN JOHN POSS FRIEND HAVE CANDY

108: \*JOHN \*BOOK WOMAN ARRIVE

113: \*JOHN \*CHOCOLATE \*JOHN \*IX \*WHO IX CAR BLUE SUE BUY

119: \*JOHN \*WHO \*WHO \*CHOCOLATE \*MARY SUE BUY IX CAR BLUE

122: JOHN \*BOY BOOK JOHN READ BOOK

139: JOHN \*BOY WHAT \*WHO \*FRANK JOHN BUY WHAT YESTERDAY BOOK

142: JOHN BUY \*WHO WHAT \*FUTURE1 JOHN BUY YESTERDAY WHAT BOOK

158: \*CHOCOLATE JOHN \*JOHN LOVE JOHN WHO

167: JOHN \*WHO \*IX \*CHOCOLATE \*WHO JOHN IX SAY LOVE MARY

171: JOHN \*JOHN \*BOOK JOHN MARY BLAME

174: \*CHOCOLATE \*MARY GIVE1 \*JOHN \*CAR PEOPLE GROUP GIVE1 JANA TOY

181: JOHN \*BOOK JOHN ARRIVE

184: \*WHO BOY \*GIVE1 \*HOUSE \*JOHN ALL BOY GIVE TEACHER APPLE

189: JOHN \*JOHN \*IX \*BOOK JOHN GIVE GIRL BOX

193: JOHN \*GIVE1 \*IX \*ARRIVE JOHN GIVE GIRL BOX

199: \*JOHN \*WHO \*JOHN LIKE CHOCOLATE WHO

201: JOHN \*SOMETHING-ONE \*WHO \*NOT \*PEOPLE HOUSE JOHN TELL MARY IX-1P BUY HOUSE