Results Nov 26

Explanation

- Prompt and "relation in the prompt" is used as data
- Prompt was made in this particular format, sentence _ user i said _ mask tokens _ user j said.
- Sentence masking == replacing sentence with pad_token_id
- Component 1 masking == replacing user i text with pad_token_id
- Component 2 masking == replacing user j text with pad_token _id

Precision

- No Masking
  - {'precision': {'support': 0.9085778781038375, 'agreement': 0.5642458100558659, 'direct_attack': 0.504, 'undercutter_attack': 0.5632183908045977, 'partial': 0.8076923076923077}
- Sentence masking
  - {'precision': {'support': 0.8348909657320872, 'agreement': 0.7166666666666667, 'direct_attack': 0.6730769230769231, 'undercutter_attack': 0.6918604651162791, 'partial': 0.8253968253968254}
- Component 1 masking
  - {'precision': {'support': 0.8222222222222222, 'agreement': 0.37630662020905925, 'direct_attack': 0.4, 'undercutter_attack': 0.2631578947368421, 'partial': 0.5213675213675214}
- Component 2 masking
  - {'precision': {'support': 0.8910369068541301, 'agreement': 0.48404255319148937, 'direct_attack': 0.3221476510067114, 'undercutter_attack': 0.2745664739884393, 'partial': 0.3956043956043956}
- Starting of sentence to start of comp1
  - {'precision': {'support': 0.8521897810218978, 'agreement': 0.7457627118644068, 'direct_attack': 0.6298701298701299, 'undercutter_attack': 0.5698924731182796, 'partial': 0.7450980392156863},
- Between comp1 and comp2
  - {'precision': {'support': 0.8440677966101695, 'agreement': 0.5816326530612245, 'direct_attack': 0.5206611570247934, 'undercutter_attack': 0.5394736842105263, 'partial': 0.625}
- End of comp2 till end of sentence length
  - {'precision': {'support': 0.8483263598326359, 'agreement': 0.5980066445182725, 'direct_attack': 0.4387755102040816, 'undercutter_attack': 0.6145251396648045, 'partial': 0.8571428571428571}

Results for different type of masking

- No Masking
  - {'precision': {'support': 0.9085778781038375, 'agreement': 0.5642458100558659, 'direct_attack': 0.504, 'undercutter_attack': 0.5632183908045977, 'partial': 0.8076923076923077}, 'recall': {'support': 0.8438155136268344, 'agreement': 0.6688741721854304, 'direct_attack': 0.5675675675675675, 'undercutter_attack': 0.7101449275362319, 'partial': 0.7159090909090909}, 'f1': {'support': 0.875, 'agreement': 0.6121212121212122, 'direct_attack': 0.5338983050847458, 'undercutter_attack': 0.6282051282051283, 'partial': 0.7590361445783131}, 'support': {'support': 954, 'agreement': 151, 'direct_attack': 111, 'undercutter_attack': 138, 'partial': 88}, 'micro_avg': {'precision': 0.7836338418862691, 'recall': 0.7836338418862691, 'f1': 0.7836338418862691, 'support': None}, 'macro_avg': {'precision': 0.6695468773313218, 'recall': 0.701262254365031, 'f1': 0.6816521579978799, 'support': None}, 'weighted_avg': {'precision': 0.80217023164872, 'recall': 0.7836338418862691, 'f1': 0.7905204599930021, 'support': None}}
- Sentence masking
  - {'precision': {'support': 0.8348909657320872, 'agreement': 0.7166666666666667, 'direct_attack': 0.6730769230769231, 'undercutter_attack': 0.6918604651162791, 'partial': 0.8253968253968254}, 'recall': {'support': 0.9003359462486002, 'agreement': 0.6789473684210526, 'direct_attack': 0.5737704918032787, 'undercutter_attack': 0.7125748502994012, 'partial': 0.4727272727272727}, 'f1': {'support': 0.8663793103448276, 'agreement': 0.6972972972972973, 'direct_attack': 0.6194690265486725, 'undercutter_attack': 0.7020648967551623, 'partial': 0.6011560693641618}, 'support': {'support': 893, 'agreement': 190, 'direct_attack': 122, 'undercutter_attack': 167, 'partial': 110}, 'micro_avg': {'precision': 0.7921727395411606, 'recall': 0.7921727395411606, 'f1': 0.7921727395411606, 'support': None}, 'macro_avg': {'precision': 0.7483783691977562, 'recall': 0.667671185899921, 'f1': 0.6972733200620242, 'support': None}, 'weighted_avg': {'precision': 0.7895911148103067, 'recall': 0.7921727395411606, 'f1': 0.786174384110341, 'support': None}}
- Component 1 masking
  - {'precision': {'support': 0.8222222222222222, 'agreement': 0.37630662020905925, 'direct_attack': 0.4, 'undercutter_attack': 0.2631578947368421, 'partial': 0.5213675213675214}, 'recall': {'support': 0.7051569506726457, 'agreement': 0.627906976744186, 'direct_attack': 0.5373134328358209, 'undercutter_attack': 0.18248175182481752, 'partial': 0.5596330275229358}, 'f1': {'support': 0.7592033796016897, 'agreement': 0.47058823529411764, 'direct_attack': 0.4585987261146497, 'undercutter_attack': 0.21551724137931036, 'partial': 0.5398230088495576}, 'support': {'support': 892, 'agreement': 172, 'direct_attack': 134, 'undercutter_attack': 137, 'partial': 109}, 'micro_avg': {'precision': 0.6198060941828255, 'recall': 0.6198060941828255, 'f1': 0.6198060941828255, 'support': None}, 'macro_avg': {'precision': 0.47661085170712897, 'recall': 0.5224984279200812, 'f1': 0.4887461182478649, 'support': None}, 'weighted_avg': {'precision': 0.654174966971044, 'recall': 0.6198060941828255, 'f1': 0.628787666487691, 'support': None}}
- Component 2 masking
  - {'precision': {'support': 0.8910369068541301, 'agreement': 0.48404255319148937, 'direct_attack': 0.3221476510067114, 'undercutter_attack': 0.2745664739884393, 'partial': 0.3956043956043956}, 'recall': {'support': 0.5854503464203233, 'agreement': 0.4690721649484536, 'direct_attack': 0.3870967741935484, 'undercutter_attack': 0.6690140845070423, 'partial': 0.6666666666666666}, 'f1': {'support': 0.7066202090592334, 'agreement': 0.47643979057591623, 'direct_attack': 0.3516483516483516, 'undercutter_attack': 0.38934426229508196, 'partial': 0.4965517241379309}, 'support': {'support': 866, 'agreement': 194, 'direct_attack': 124, 'undercutter_attack': 142, 'partial': 108}, 'micro_avg': {'precision': 0.5669456066945606, 'recall': 0.5669456066945606, 'f1': 0.5669456066945606, 'support': None}, 'macro_avg': {'precision': 0.4734795961290331, 'recall': 0.5554600073472069, 'f1': 0.48412086754330286, 'support': None}, 'weighted_avg': {'precision': 0.6884255504960187, 'recall': 0.5669456066945606, 'f1': 0.5975462255747682, 'support': None}}

Results part 2 (masking in sentence)

- No Masking
  - {'precision': {'support': 0.9085778781038375, 'agreement': 0.5642458100558659, 'direct_attack': 0.504, 'undercutter_attack': 0.5632183908045977, 'partial': 0.8076923076923077}, 'recall': {'support': 0.8438155136268344, 'agreement': 0.6688741721854304, 'direct_attack': 0.5675675675675675, 'undercutter_attack': 0.7101449275362319, 'partial': 0.7159090909090909}, 'f1': {'support': 0.875, 'agreement': 0.6121212121212122, 'direct_attack': 0.5338983050847458, 'undercutter_attack': 0.6282051282051283, 'partial': 0.7590361445783131}, 'support': {'support': 954, 'agreement': 151, 'direct_attack': 111, 'undercutter_attack': 138, 'partial': 88}, 'micro_avg': {'precision': 0.7836338418862691, 'recall': 0.7836338418862691, 'f1': 0.7836338418862691, 'support': None}, 'macro_avg': {'precision': 0.6695468773313218, 'recall': 0.701262254365031, 'f1': 0.6816521579978799, 'support': None}, 'weighted_avg': {'precision': 0.80217023164872, 'recall': 0.7836338418862691, 'f1': 0.7905204599930021, 'support': None}}
- Starting of sentence to start of comp1
  - {'precision': {'support': 0.8521897810218978, 'agreement': 0.7457627118644068, 'direct_attack': 0.6298701298701299, 'undercutter_attack': 0.5698924731182796, 'partial': 0.7450980392156863}, 'recall': {'support': 0.8576675849403123, 'agreement': 0.7236842105263158, 'direct_attack': 0.5739644970414202, 'undercutter_attack': 0.726027397260274, 'partial': 0.5241379310344828}, 'f1': {'support': 0.8549199084668192, 'agreement': 0.7345575959933223, 'direct_attack': 0.6006191950464397, 'undercutter_attack': 0.6385542168674698, 'partial': 0.6153846153846154}, 'support': {'support': 1089, 'agreement': 304, 'direct_attack': 169, 'undercutter_attack': 219, 'partial': 145}, 'micro_avg': {'precision': 0.7715472481827622, 'recall': 0.7715472481827622, 'f1': 0.7715472481827622, 'support': None}, 'macro_avg': {'precision': 0.70856262701808, 'recall': 0.681096324160561, 'f1': 0.6888071063517333, 'support': None}, 'weighted_avg': {'precision': 0.7757218355071941, 'recall': 0.7715472481827622, 'f1': 0.7709720021754567, 'support': None}}
- Between comp1 and comp2
  - {'precision': {'support': 0.8440677966101695, 'agreement': 0.5816326530612245, 'direct_attack': 0.5206611570247934, 'undercutter_attack': 0.5394736842105263, 'partial': 0.625}, 'recall': {'support': 0.8459796149490374, 'agreement': 0.6909090909090909, 'direct_attack': 0.4666666666666667, 'undercutter_attack': 0.6507936507936508, 'partial': 0.38461538461538464}, 'f1': {'support': 0.845022624434389, 'agreement': 0.631578947368421, 'direct_attack': 0.4921875, 'undercutter_attack': 0.5899280575539567, 'partial': 0.4761904761904762}, 'support': {'support': 883, 'agreement': 165, 'direct_attack': 135, 'undercutter_attack': 126, 'partial': 117}, 'micro_avg': {'precision': 0.7370266479663394, 'recall': 0.7370266479663394, 'f1': 0.7370266479663394, 'support': None}, 'macro_avg': {'precision': 0.6221670581813428, 'recall': 0.607792881586766, 'f1': 0.6069815211094486, 'support': None}, 'weighted_avg': {'precision': 0.7381971897410624, 'recall': 0.7370266479663394, 'f1': 0.7341206431679097, 'support': None}}
- End of comp2 till end of sentence length
  - {'precision': {'support': 0.8483263598326359, 'agreement': 0.5980066445182725, 'direct_attack': 0.4387755102040816, 'undercutter_attack': 0.6145251396648045, 'partial': 0.8571428571428571}, 'recall': {'support': 0.8258655804480651, 'agreement': 0.7114624505928854, 'direct_attack': 0.5620915032679739, 'undercutter_attack': 0.578947368421057, 'partial': 0.43636363636363634}, 'f1': {'support': 0.8369453044375644, 'agreement': 0.6498194945848376, 'direct_attack': 0.49283667621776506, 'undercutter_attack': 0.5962059620596205, 'partial': 0.5783132530120482}, 'support': {'support': 982, 'agreement': 253, 'direct_attack': 153, 'undercutter_attack': 190, 'partial': 110}, 'micro_avg': {'precision': 0.7316350710900474, 'recall': 0.7316350710900474, 'f1': 0.7316350710900473, 'support': None}, 'macro_avg': {'precision': 0.6713553022725304, 'recall': 0.6229461078187227, 'f1': 0.6308241380623671, 'support': None}, 'weighted_avg': {'precision': 0.7479444966244212, 'recall': 0.7316350710900474, 'f1': 0.7337572412154166, 'support': None}}