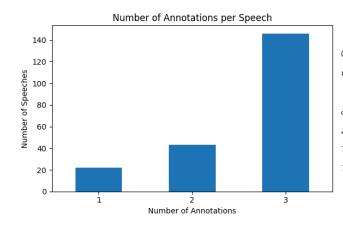
Annotation Agreement - Only Top 3 Annotators

Chandini Toleti - <u>Github</u>

Annotator Coverage:

Among all the 220 speeches, only 146 had three non '[]' values for the Answer metric. This number becomes even smaller when we remove half the workers.

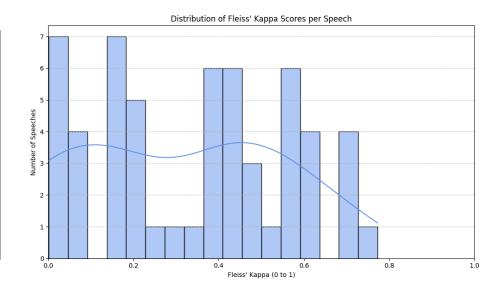


One potential agreement issue could be empty annotation since '[]' seems to indicate either this annotator did not annotate this speech at all OR this annotator thought the speech was unrelated to any category.

Furthermore, for this analysis there were only 64 Speeches where these three specific annotatoters were all three annotating. I suggest having the same three annotators work on the entire dataset in an ordered manner in the future.

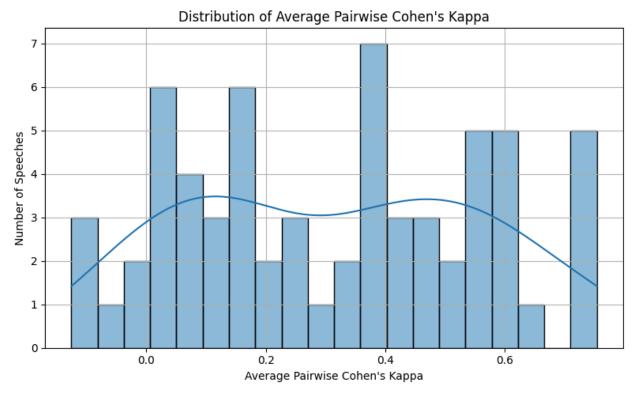
Average Agreement per Speech: 0.301

count	64.000000
mean	0.301375
std	0.247486
min	-0.135135
25%	0.091892
50%	0.491119
75%	0.772973
max	0.772973

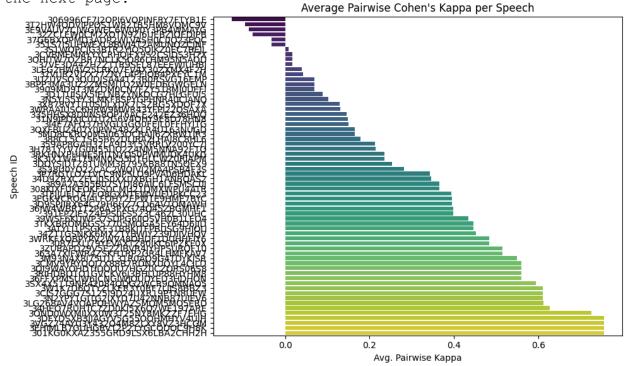


Inter-Annotator Agreement:

To analyze inter-annotater agreement, I used pair-wise cohen kappa values. The distributions were as follows:



We see this distribution to be similar to fleiss kappa but slightly more normal and less left-skewed. The next graph also follows a similar distribution to Fliess Kappas. Finally, we can see a more in-depth analysis of the pair-wise agreement through the heatmap on the next page.



### Parisis Cohen & Kappa per Speech 10		Pairwin	co Cohonis Kanna nor	Speech	
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342TTCSNNKOMX_TYMN7290IN/HOV2CIP					
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