Annotations Agreement Statistics Chandini Toleti

Fleiss Kappa per Category and per Speech

Fleiss Kappa per Category

Category	Fleiss Kappa
Market regulation	0.289
Middle Class & Professional Groups	0.001
Government and administrative efficiency	0.179
Economic Planning	0.173
Economic Goals	0.065
Anti-Growth Economy	0.092
Economic Growth	0.460

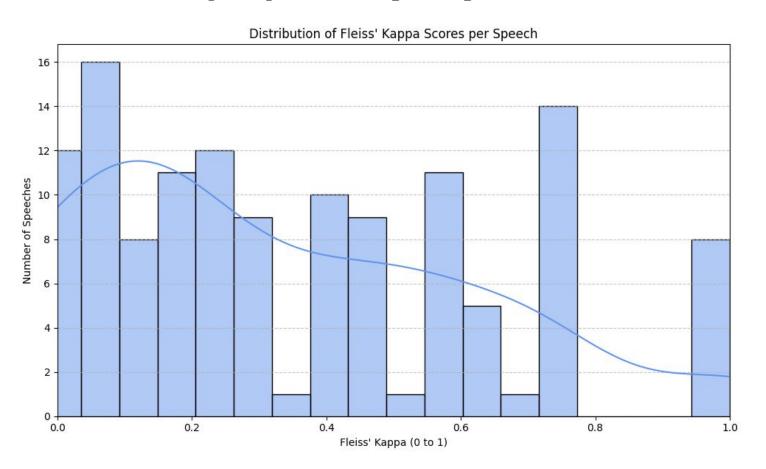
Fleiss Kappa per Category (Cont.)

Category	Fleiss Kappa
Free Market Economy	0.280
Incentives	0.236
Keynesian Demand Management	0.203
Corporatism / Mixed Economy	0.058
Technology and Infrastructure	0.409
Labor Groups Positive	0.305
Labor Groups Negative	-0.002

Identifying Outliers (per Category)

Worker (least to most contributions)	AVG w/out (Categorical)
ALL WORKERS INCLUDED	0.196
WITHOUT A1BQ37ZGUM16XI	0.197
WITHOUT APXGSUB250NVH	0.176
WITHOUT A3GS2NTQ4XU059	0.206
WITHOUT A1X47COW2Y9SEL	- N/A -
WITHOUT A335R4YE2E34H6	- N/A -
WITHOUT A1NBQ61Y6KO3O9	- N/A -

Average Agreement per Speech: 0.310



Fleiss Kappa per Speech

Observation	Implication
High number of low Kappa scores	Many annotations were ambiguous or subjective. You may want to revisit annotation guidelines or training.
Long tail into high Kappas	Some items were very clear — these can serve as anchor examples or be used to calibrate annotator reliability .
Dip in the middle (0.3–0.6)	Speeches tend to polarize into clear vs. unclear — consider reviewing category definitions or refining edge cases.

Full Document

Identifying outliers per Speech

Worker (least to most contributions)	AVG w/out (By Speech)
ALL WORKERS INCLUDED	0.310
WITHOUT A1BQ37ZGUM16XI	0.315
WITHOUT APXGSUB250NVH	0.297
WITHOUT A3GS2NTQ4XU059	0.332
WITHOUT A1X47COW2Y9SEL	0.324
WITHOUT A335R4YE2E34H6	0.269
WITHOUT A1NBQ61Y6KO3O9	0.306