

FinArg-3 is an extension of FinArg-1 and FinArg-2

- **Earnings Call**
 - FinArg-1: Identify Argument Unit (AU)
 - **FinArg-3: Evaluate AU from Linguistic Aspect**
- **Analysis Reports**
 - FinArg-1: Identify “Scenario”
 - **FinArg-3: Assessing whether the “Scenario” will come true**
 - **Deep Research as Evaluator**
- **Social Media**
 - FinArg-1 & 2: Understand the Discussion & Temporal Inference
 - **FinArg-3: Recommend Useful Opinions for Investors**
 - **Real-Time System Evaluation (Live Data)**

Aspect	Label	Number of Instance
Specific	0	83
	1	1096
	2	1005
Strong	0	138
	1	1433
	2	613
Persuasive	0	138
	1	1054
	2	922
Objective	0	621
	1	1553

	Sentiment Label	Training	Development	Test
Scenario	Continued Growth	2,431	270	629
	Steady State	504	56	110
	Collapse	1,927	214	417
	Transformation	453	50	52

Type	Social Media	
Dataset	Mobile01 (2022a)	PTT (2021)
Train	360	-
Validation	40	-
Test	174	210
Total	574	210

- Chen, Chung-Chi et al. “Professionalism-Aware Pre-Finetuning for Profitability Ranking” CIKM-2024
- Chen, Chung-Chi, Hen-Hsen Huang, and Hsin-Hsi Chen. "Evaluating the rationales of amateur investors." Proceedings of the Web Conference. 2021
- Lin, Chin-Yi, et al. "Argument-Based Sentiment Analysis on Forward-Looking Statements." Findings of the Association for Computational Linguistics ACL 2024.



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