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Inflation Narratives from a Machine Learning Perspective

Inflation narratives explain inflation changes and affect expectations. Manually identifying them is cumbersome, prompting the need for scalable algorithms. Narratives comprise events, causal relations, and arguments, represented as graphs with event and argument nodes. Causal relations indicate cause-and-effect relationships between events using directed edges. Our main objective is to extract narratives from text to enhance a knowledge graph for analysis like social network analysis or edge prediction. We address two subproblems: event extraction, involving event type and argument identification, and event deduplication. Second, we extract causal relations as expressed by authors, not necessarily true causal links between events in the text.

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Keywords

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Autoren: MÖLLER, Cedric (Universität Hamburg); HUANG, Junbo (Universität Hamburg); WEINIG, Max (Universität Hamburg); USBECK, Ricardo (Leuphana Universität Lüneburg); FRITSCHE, Ulrich (Universität Hamburg)

Vortragende: MÖLLER, Cedric (Universität Hamburg); HUANG, Junbo (Universität Hamburg)