String Representations for Temporal Information

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1 Structure

- Why strings are useful $\rightarrow$ bring information together

- Can't presuppose translation of Allen Relations to strings

- Block compression

- Superposition

- Exploring usefulness of having longer strings for greater than 2 events

- How feasible is this representation

- Trying to find the sweet spot before the combinatorial explosion

- Bounded superposition approach at string level

- Using a finite state automaton (looking at all strings at once)

- Hybrid approach

- Added constraints before superposition

2 Introduction

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References