



Multi-sentence Narrative Generation

Mid-summer is a beautiful time for Laketown. Here, the young humans walked along shore bravely. They must experience the depths of the pool. Yes, it has been a remarkable time for all of us.

Narrative Properties

1 Content (Relevance)

- Beach
- Kids
- Pool

2 Structure (Coherence)

- Setting the stage
- Describing experiences
- Concluding

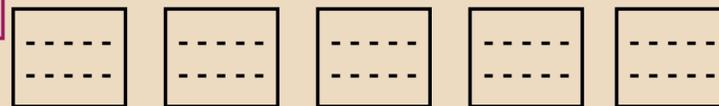
3 Surface Form (Expression)

- Personality
- Code-Switching
- Ex: Gandalf the Grey

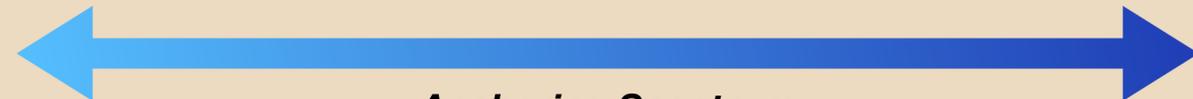
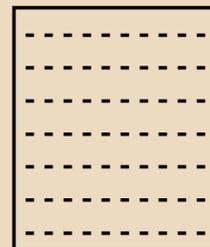
Granularity of Anchors into Narrative Properties



N-Local Objective



N-Global Objective

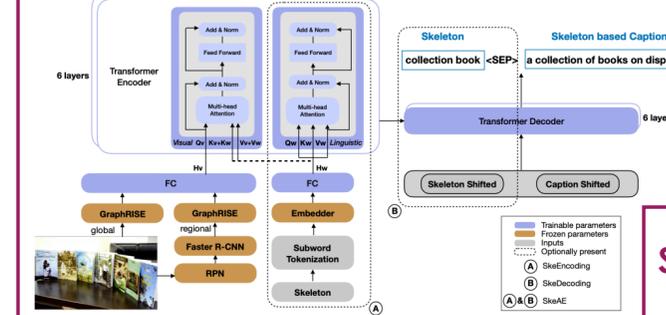


Anchoring Spectrum

N-Local (Supervised)

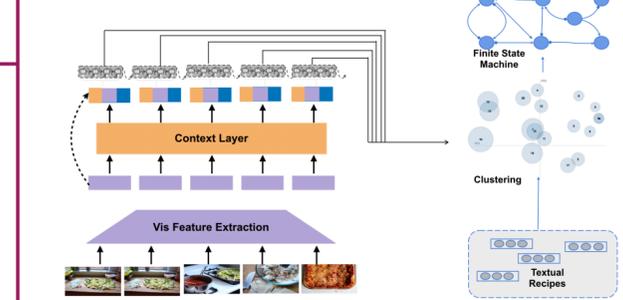
N-Global (Unsupervised)

Skeleton Induction

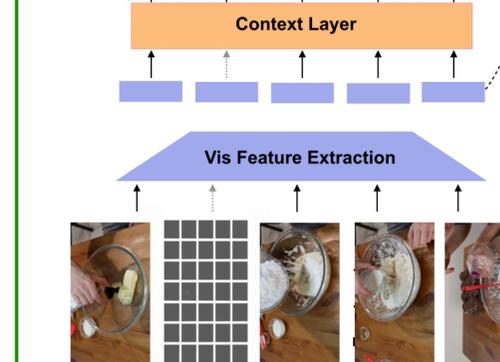


Neural Seq2Seq Models

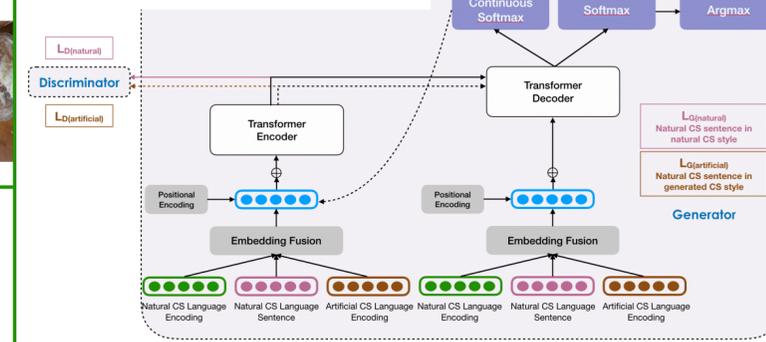
Scaffolding



Infilling



Dual Staged Adversary



Multimodal Narrative Generation

Content

- Skeleton Induction
- Hierarchical Attention
- Infilling

Structure

- Scaffolding
- Re-ordering

Surface Form (Expression)

- Multitasking
- Dual Staged Adversary

- Also worked on:
- Code-switching
 - Conversational AI
 - Biomedical Summarization



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