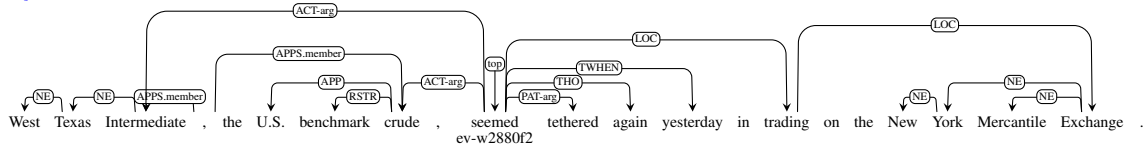
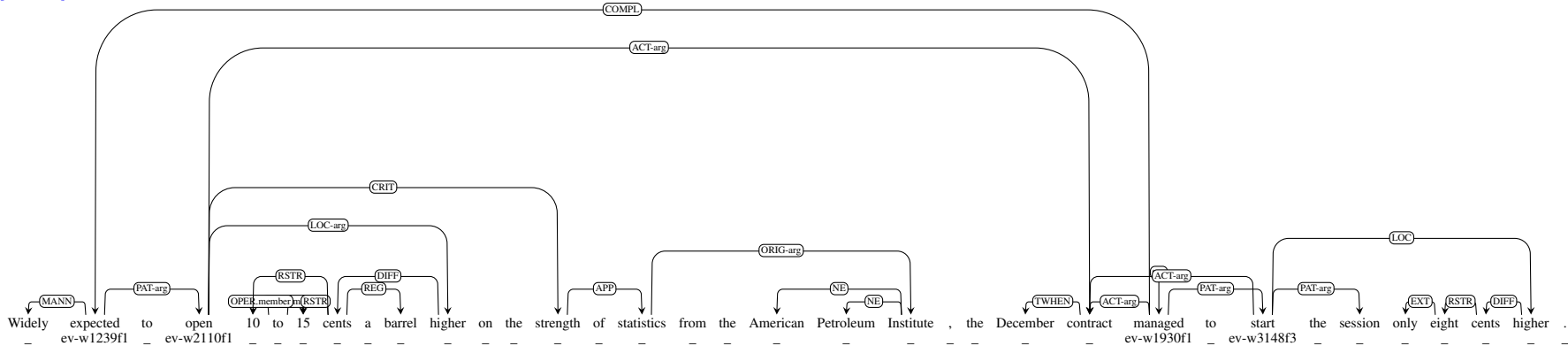


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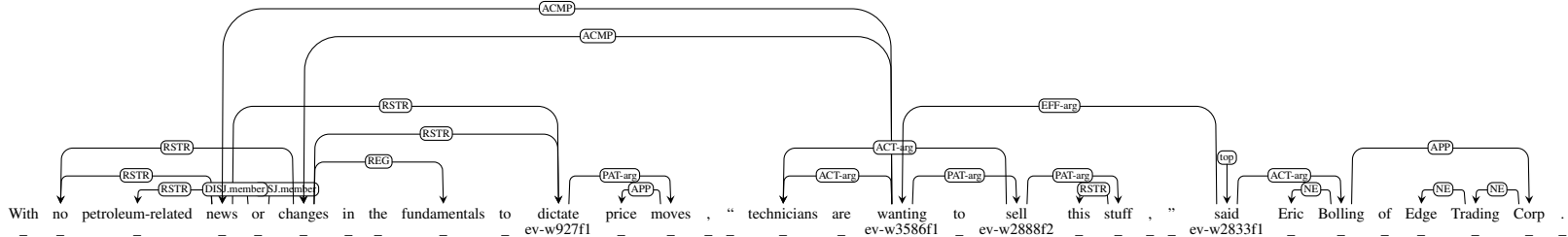
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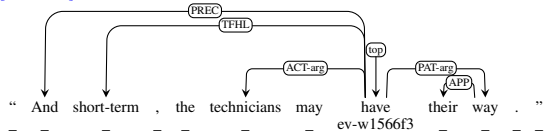
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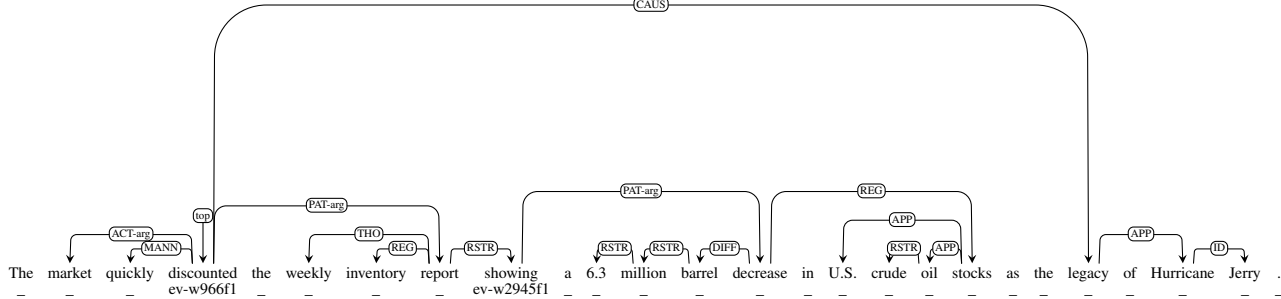
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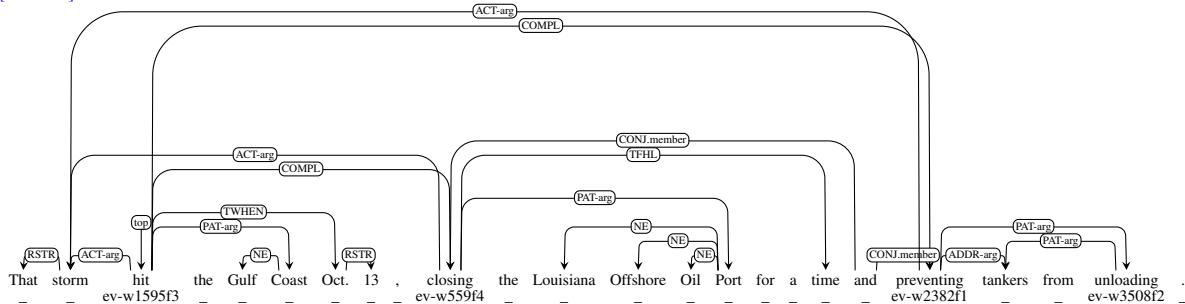
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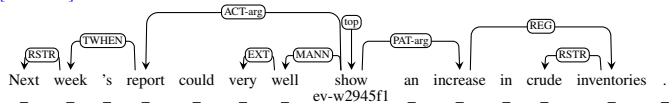
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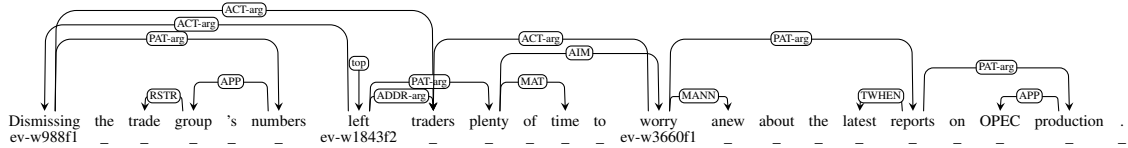
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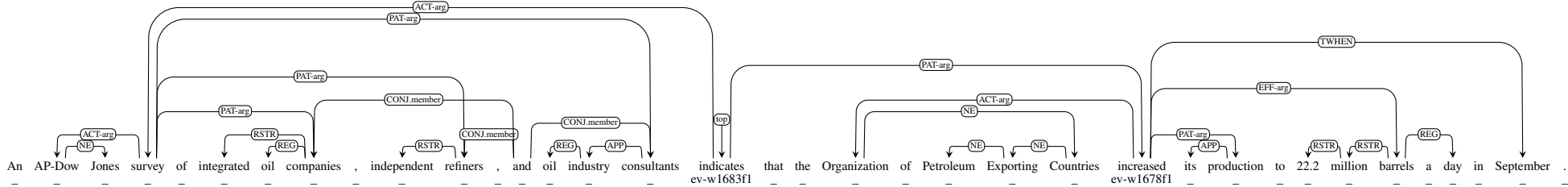
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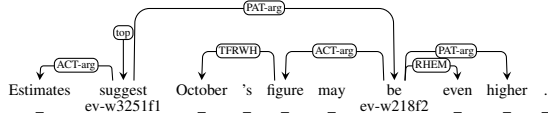
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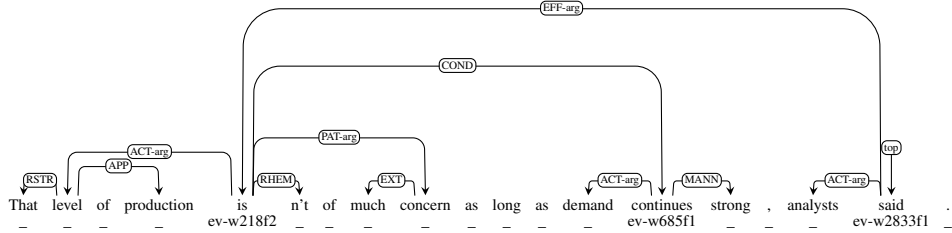
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[21026012]



[21026013]



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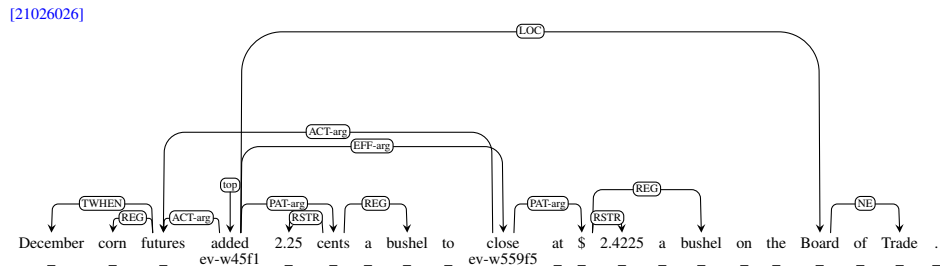
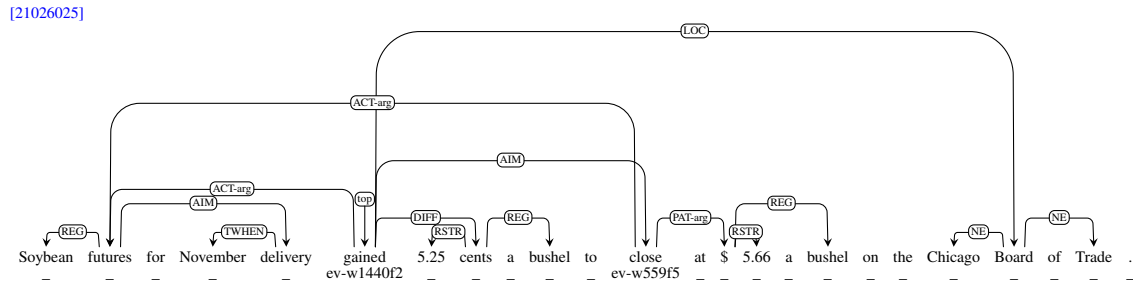
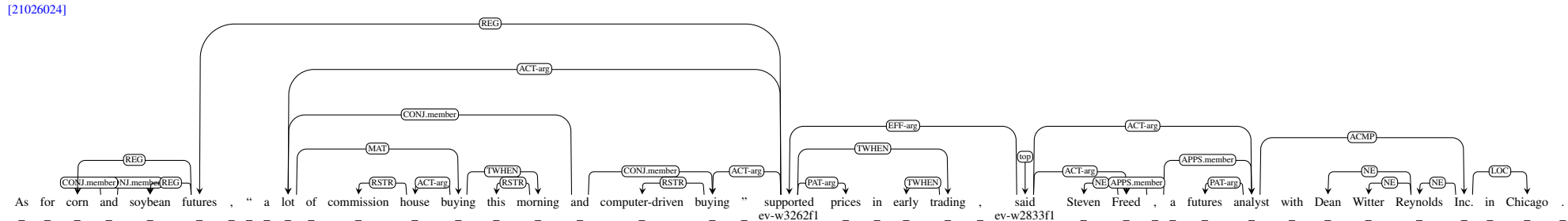
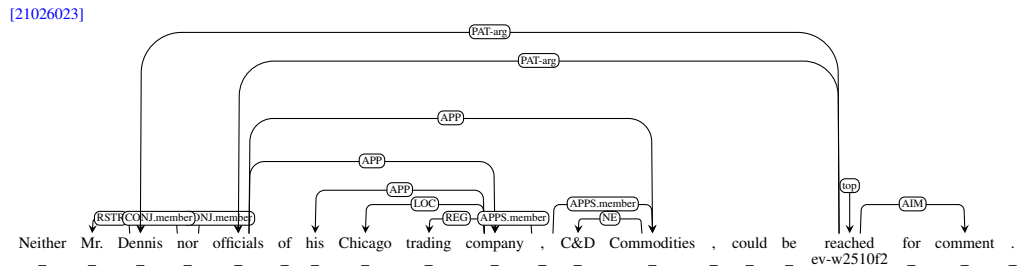
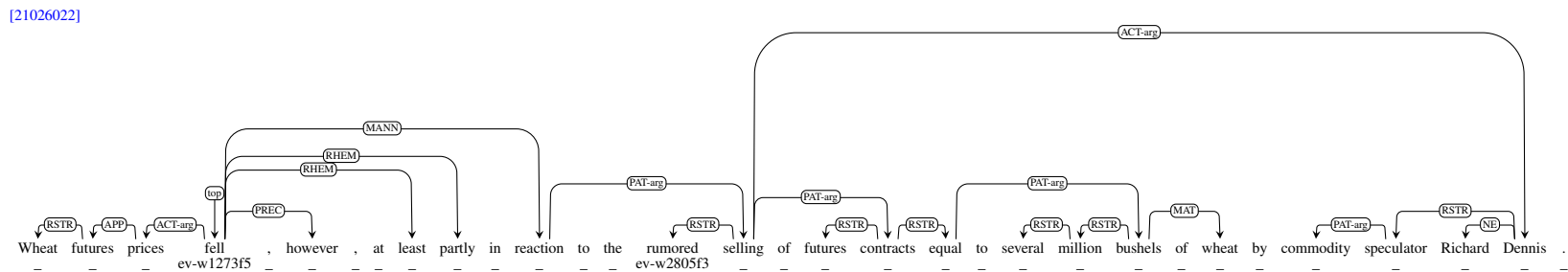
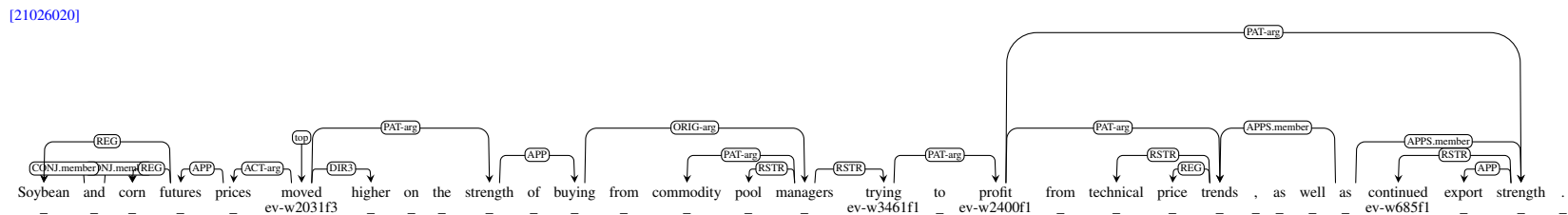
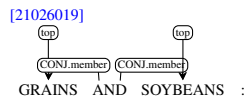
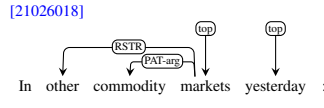
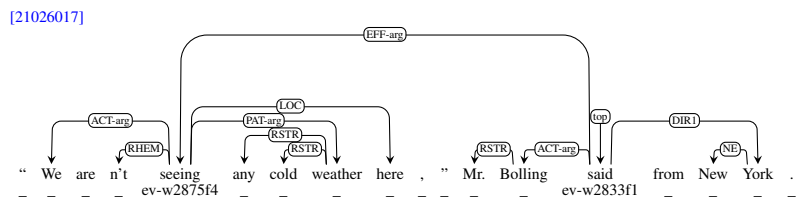
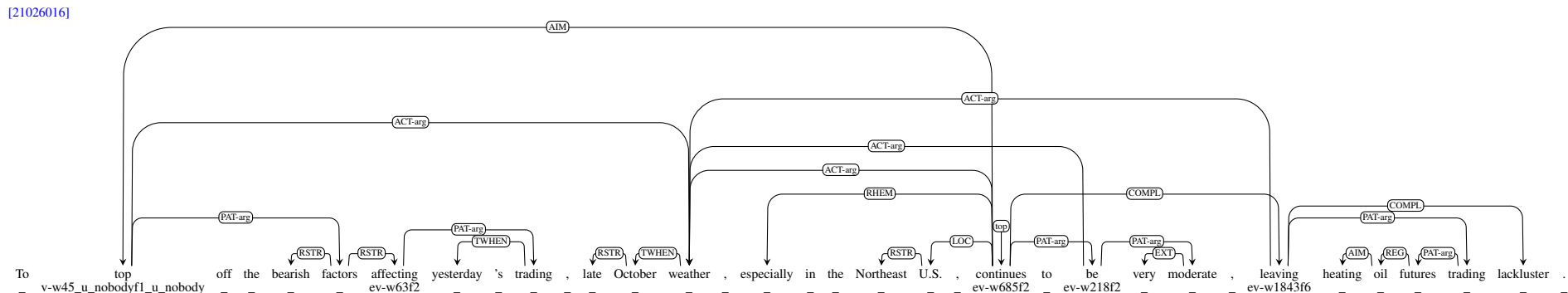
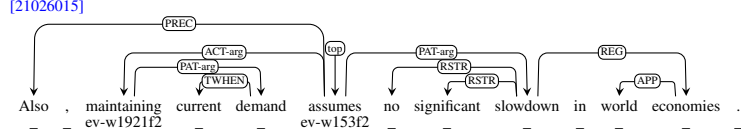
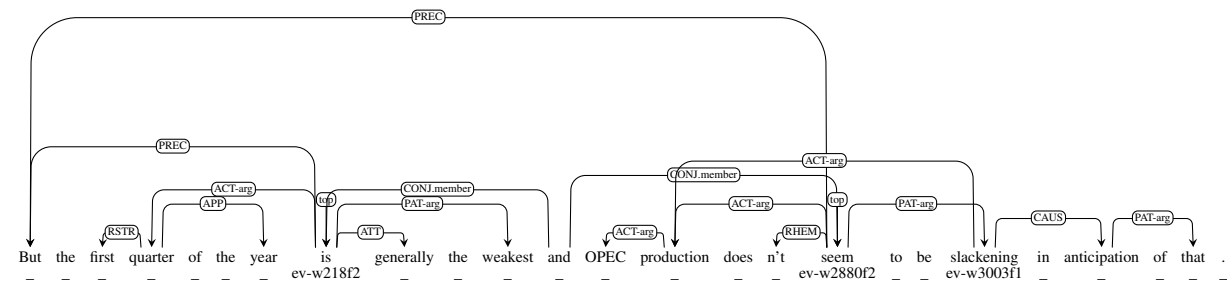


Figure 10: A sentence with a complex structure. The sentence is: "Announced and anticipated purchases from foreign countries are also supporting ev-w3262f1 futures prices." The diagram shows the hierarchical structure of the sentence, with the root node being the sentence itself. The sentence is divided into three main parts: "Announced and anticipated purchases from foreign countries", "are also supporting ev-w3262f1", and "futures prices". The first part is further divided into "Announced and anticipated purchases" and "from foreign countries". The second part is divided into "are also supporting ev-w3262f1". The third part is divided into "futures prices". The diagram uses arrows to show the flow of information from the root node to the individual words and phrases.

The figure displays two parse trees for the Russian sentence: "Russian ships are arriving in the gulf and there is n't enough grain in the pipeline." The left tree is a full constituent structure. The root node is *S*, which branches into *NP* (Russian ships) and *VP*. *VP* branches into *ACT-arg* (are arriving) and *CONJ member* (and). *CONJ member* branches into *CONJ member* (there is) and *CONJ member* (n't enough grain in the pipeline). The right tree is a partial parse focusing on the relative clause. The root node is *NP*, which branches into *ACT-arg* (Katharina Zimmer) and *NP* (a futures analyst with Merrill Lynch & Co. in New York). The *NP* node branches into *NP* (Katharina Zimmer) and *NP* (a futures analyst with Merrill Lynch & Co. in New York). The *NP* node branches into *NP* (Katharina Zimmer) and *NP* (a futures analyst with Merrill Lynch & Co. in New York). The *NP* node branches into *NP* (Katharina Zimmer) and *NP* (a futures analyst with Merrill Lynch & Co. in New York).

[illegible]

↓

COTTON

Futures prices rose modestly but trading volume was n't very heavy .

- - ev-w2772f1 - - - - - ev-w218f2 - - - - -

The diagram illustrates a dependency parse tree for the sentence: "The December contract settled at 73.97 cents a pound, up 0.59 cent, but it rose as high as 74.20 cents". The tree structure is as follows:

- Root Node:** **ADVS.member**
  - LOC** (points to "The")
  - LOC** (points to "December")
  - LOC** (points to "contract")
  - LOC** (points to "settled")
  - LOC** (points to "at")
  - LOC** (points to "73.97")
  - LOC** (points to "cents")
  - LOC** (points to "a")
  - LOC** (points to "pound")
  - LOC** (points to "up")
  - LOC** (points to "0.59")
  - LOC** (points to "cent")
  - LOC** (points to "but")
  - LOC** (points to "it")
  - LOC** (points to "rose")
  - LOC** (points to "as")
  - LOC** (points to "high")
  - LOC** (points to "74.20")
  - LOC** (points to "cents")
  - LOC** (points to "ev-w2004f1")

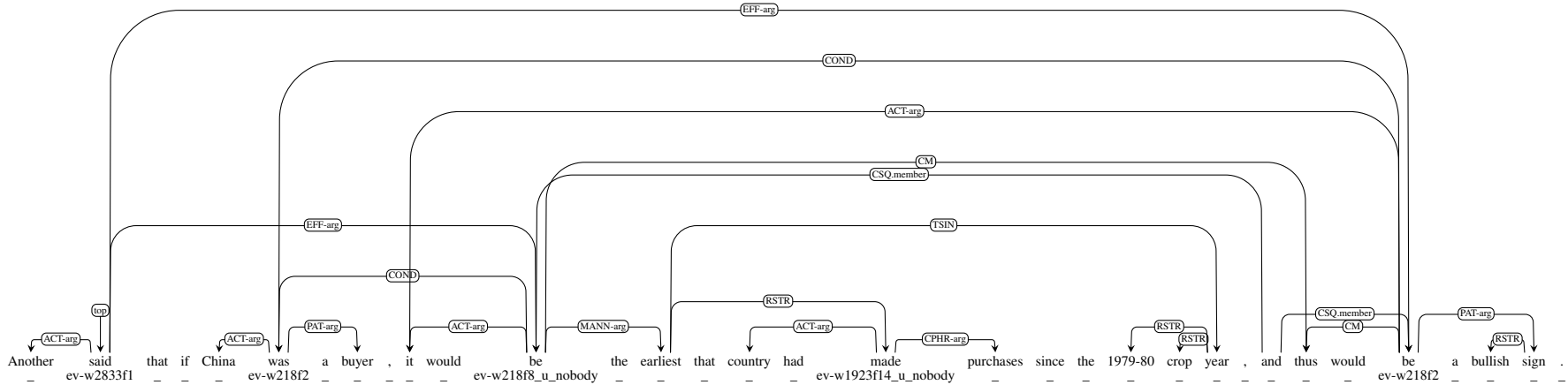
The words in the sentence are: The, December, contract, settled, at, 73.97, cents, a, pound, up, 0.59, cent, but, it, rose, as, high, as, 74.20, cents, ev-w2004f1.

Several cotton analysts said ev-w2833f1 that the move appeared ev-w115f2 to be mostly technical .

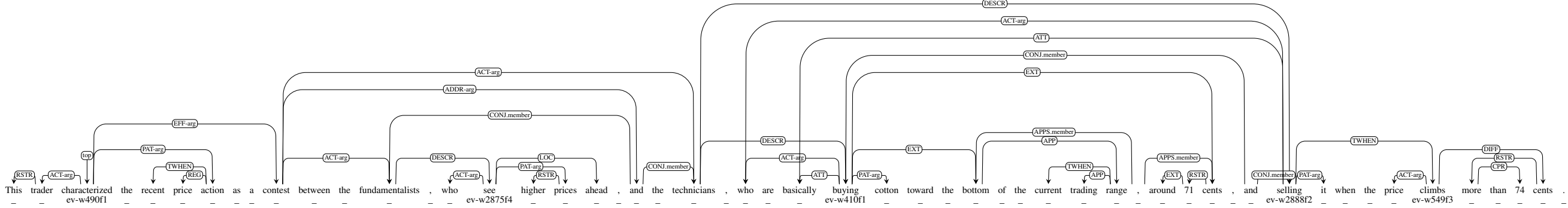
Traders who had sold contracts earlier, in hopes of buying them back at lower prices, yesterday were buying contracts back at higher prices to limit their losses.

Figure 10: A dependency parse tree for the sentence "Floor traders also said the market could have been helped by rumors which have been circulating for the past two days about China purchasing cotton ev-w2443f". The tree shows the hierarchical structure of the sentence, with nodes representing grammatical functions and their corresponding words. The root node is **S**, which branches into **NP** (Floor traders) and **VP** (also said). The **VP** node further branches into **NP** (the market) and **VP** (could have been helped). The **VP** node branches into **NP** (by rumors) and **VP** (which have been circulating). The **VP** node branches into **NP** (for the past two days) and **VP** (about China purchasing cotton). The **VP** node branches into **NP** (ev-w2443f).

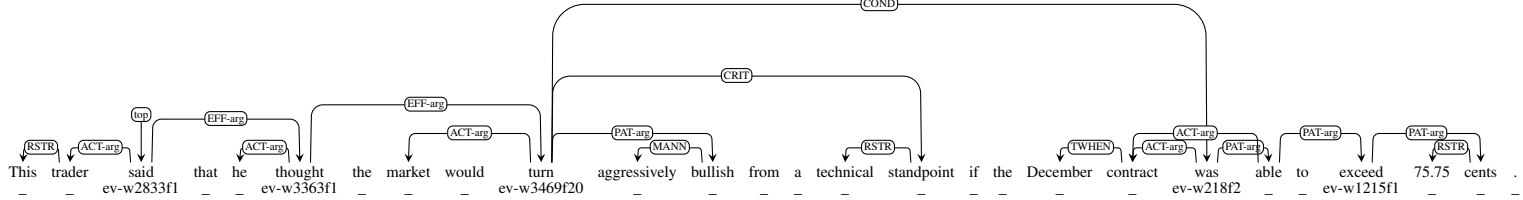
The figure displays two dependency parse trees. The left tree is for the sentence "The rumor, which has been neither confirmed nor denied, ev-w649f1 - ev-w876f1 -". The right tree is for the sentence "China buying ev-w10f1 125,000 to 200,000 bales for near-term delivery". Both trees show nodes like DISC, PAT, CUN, and CUN members, with arrows indicating dependencies between words and nodes.



[21026039]



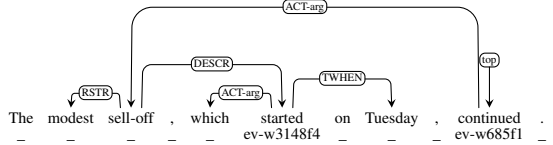
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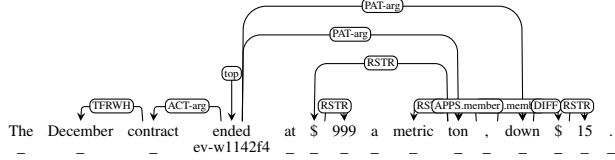
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COCOA :

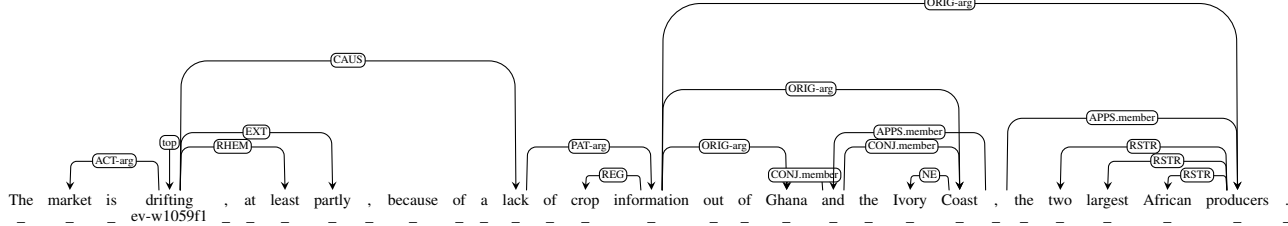
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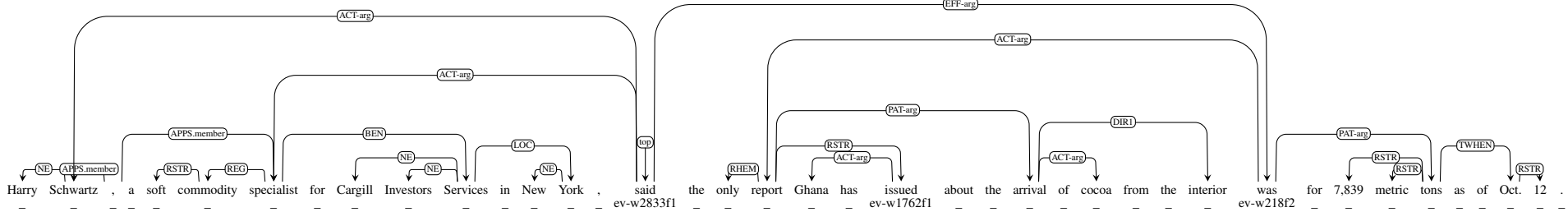
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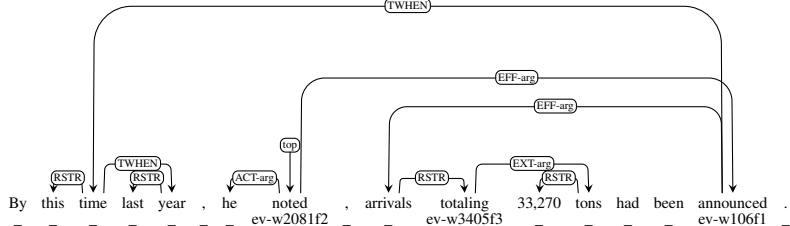
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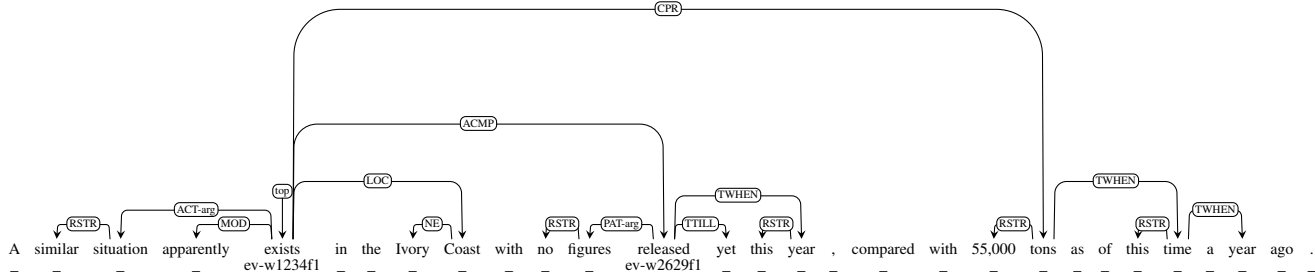
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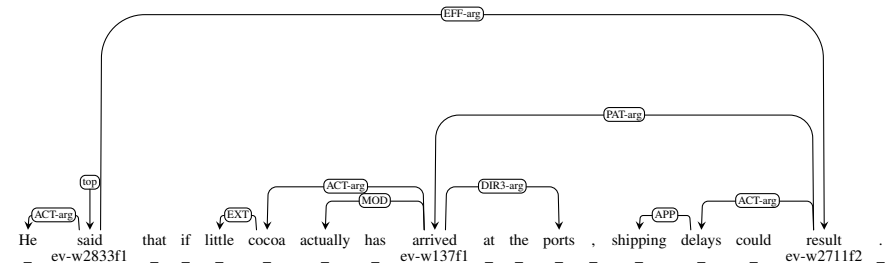
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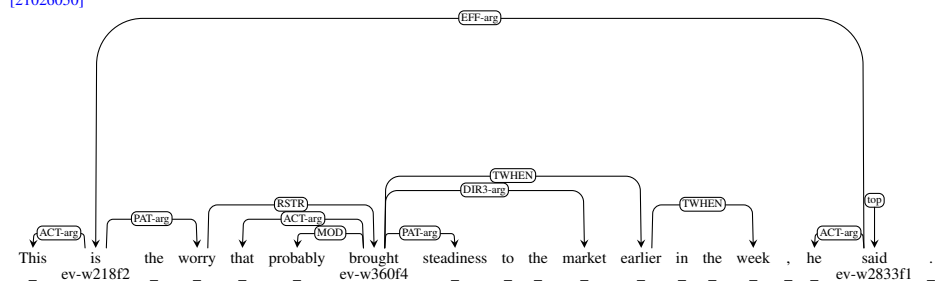
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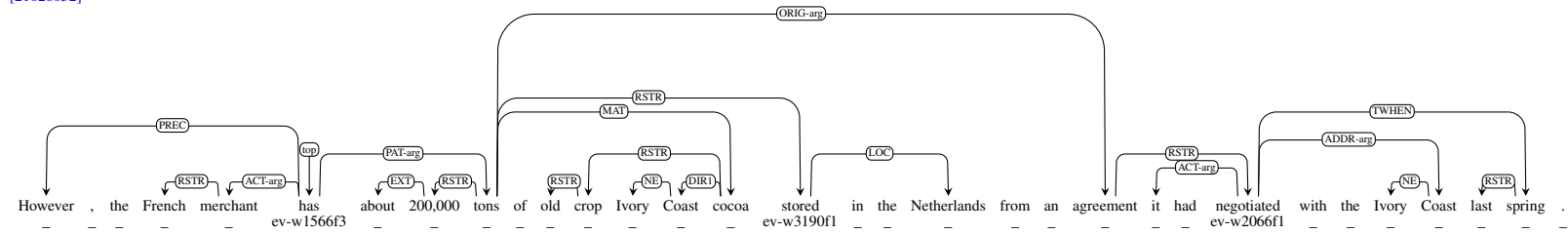
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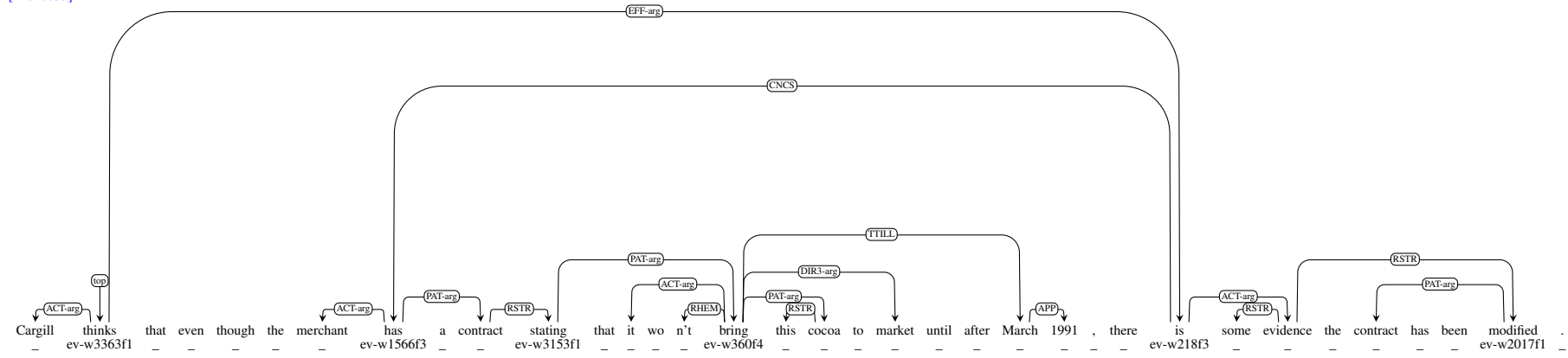
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[21026052]



[21026053]



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