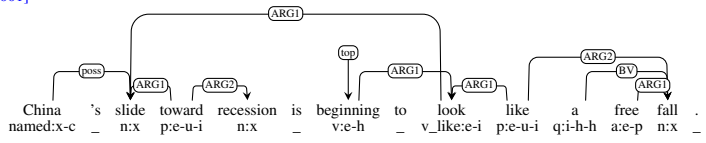
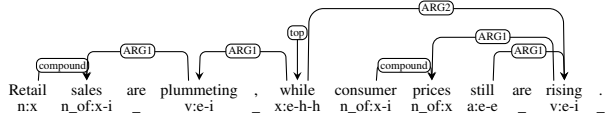


Document 1646

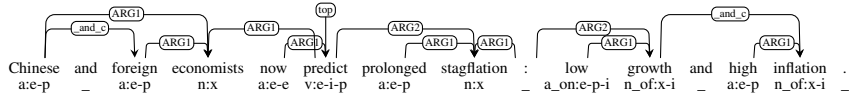
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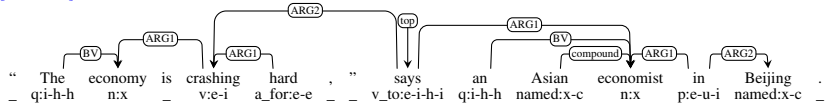
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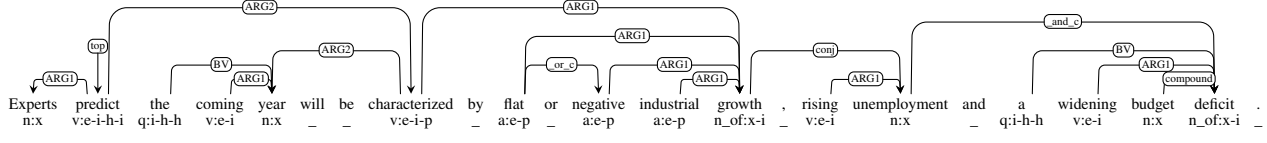
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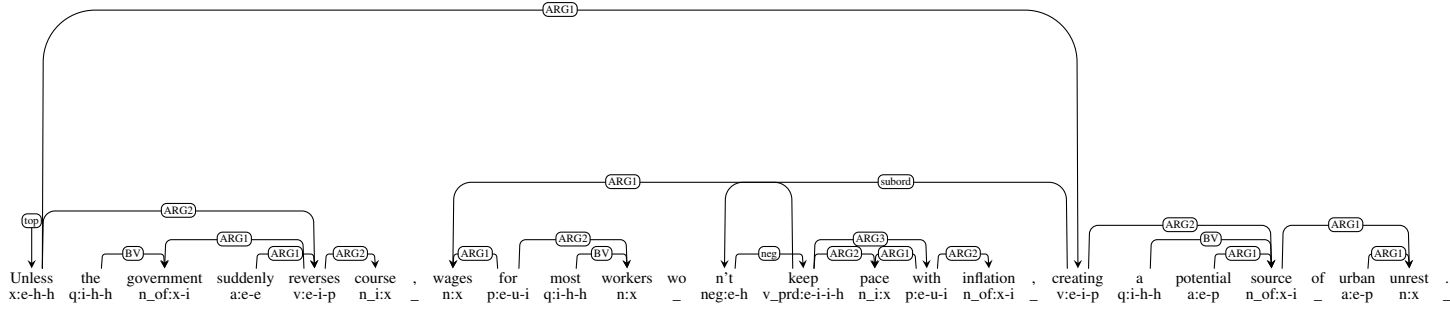
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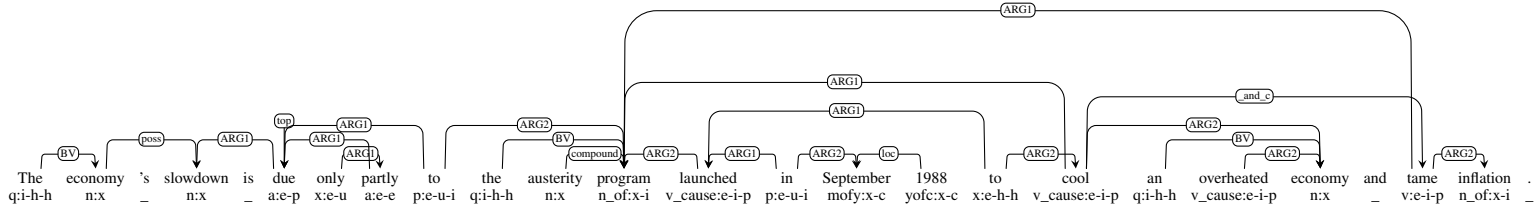
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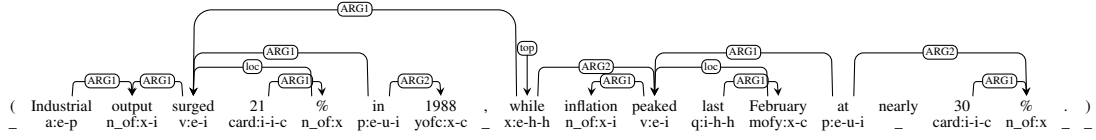
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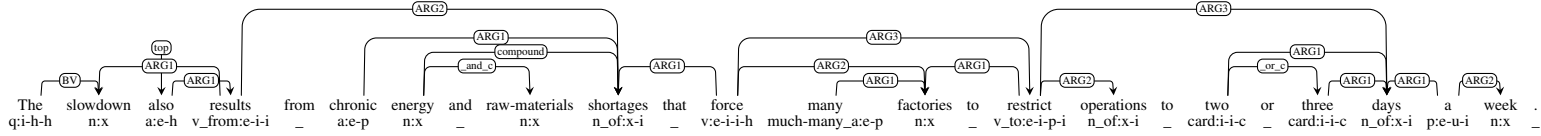
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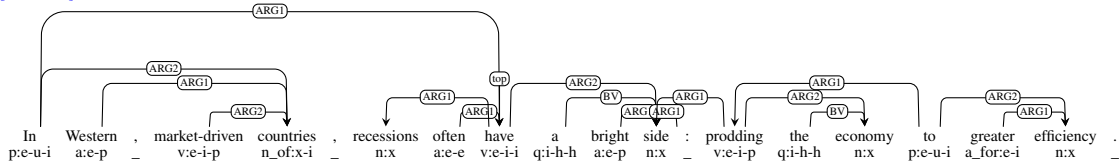
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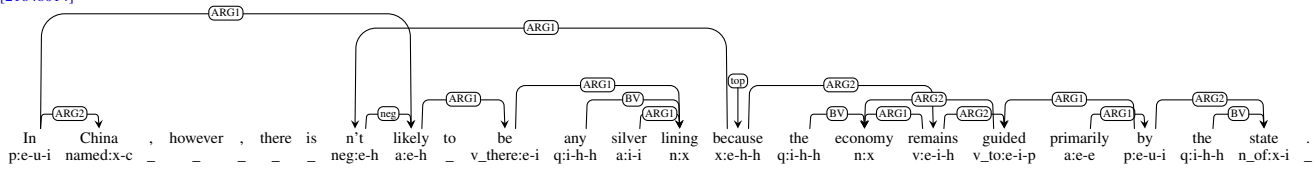
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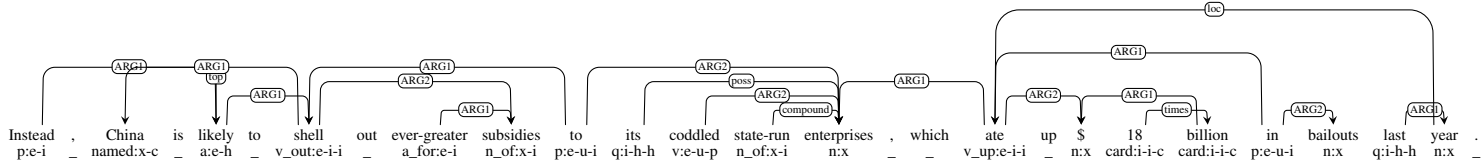
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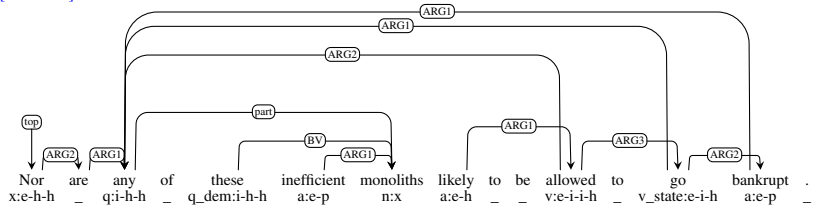
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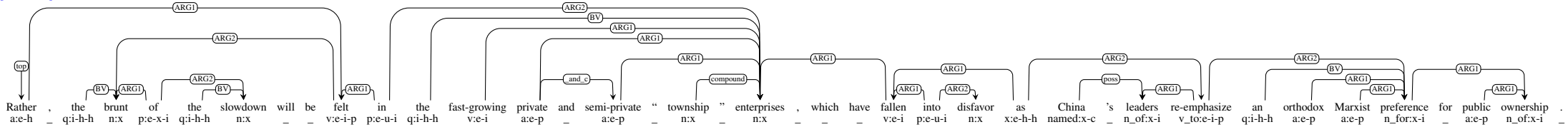
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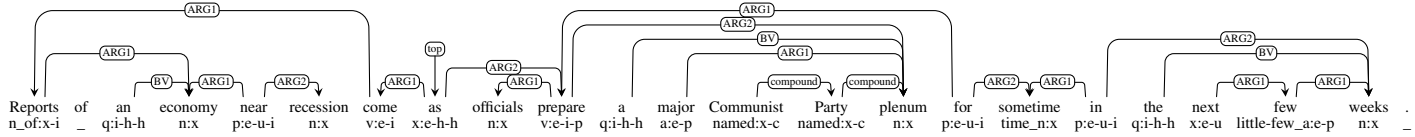
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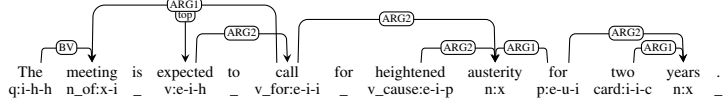
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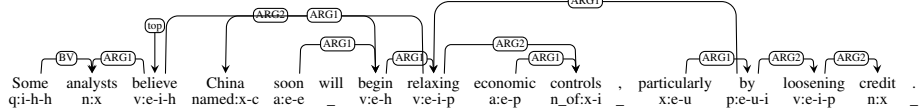
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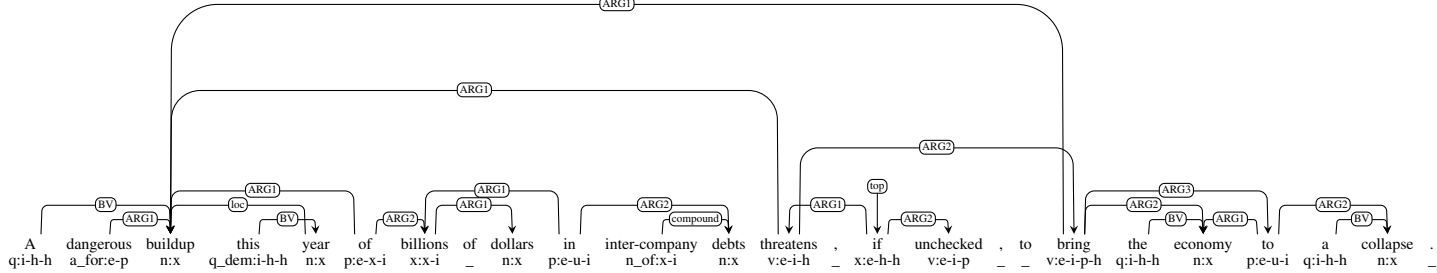
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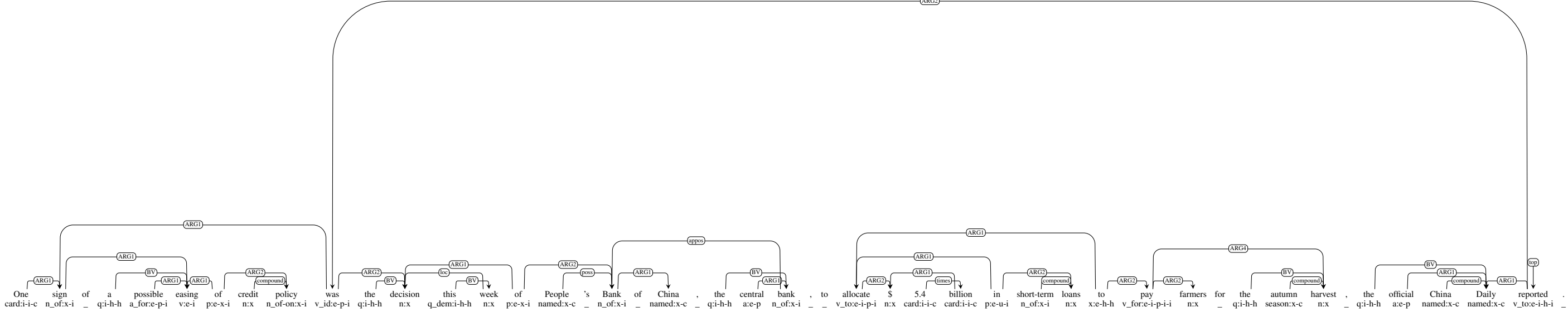
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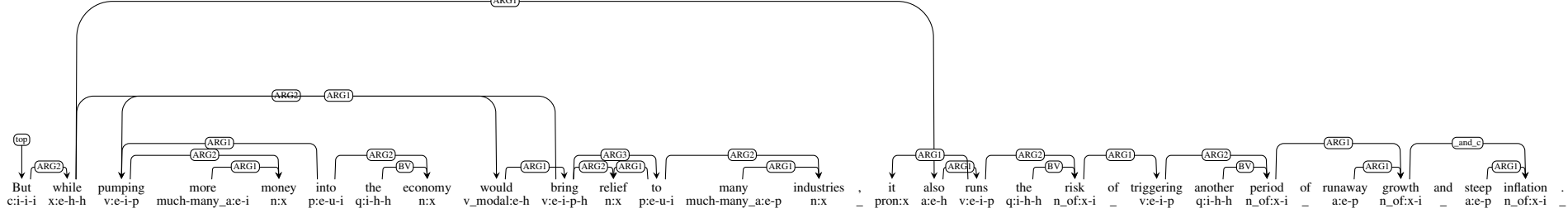
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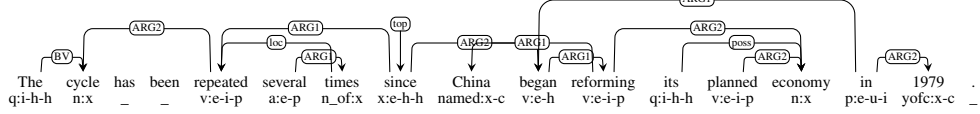
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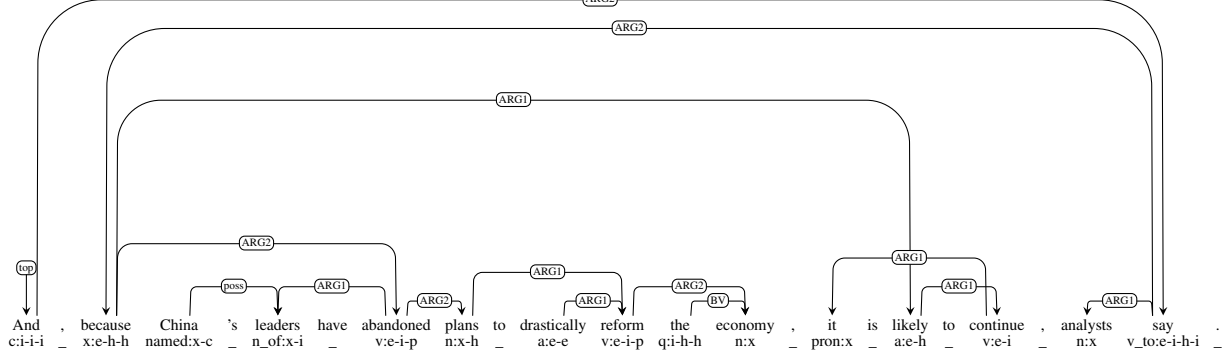
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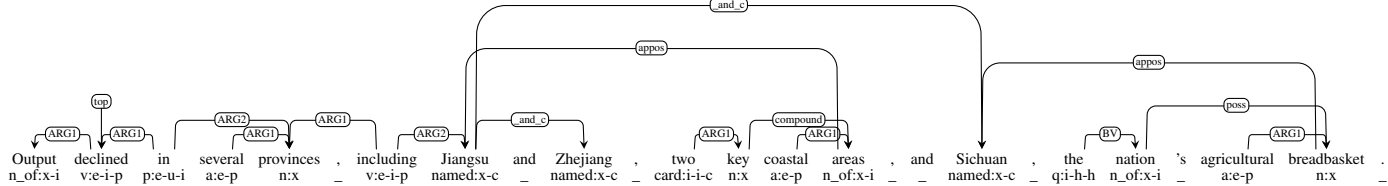
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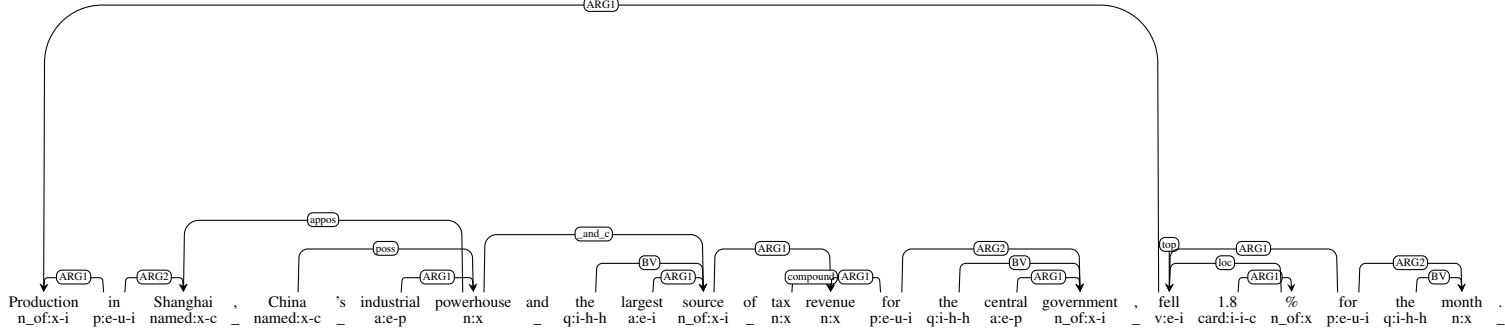
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[21646030]



[21646031]



[21646032]

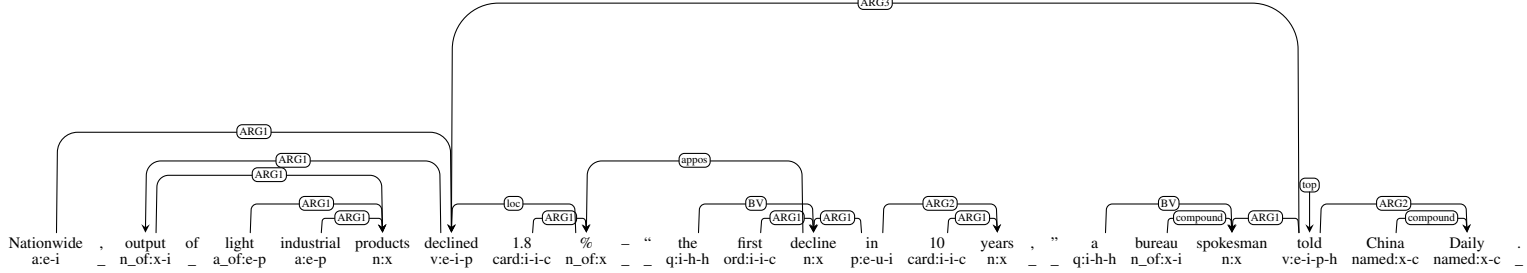


Figure 1 illustrates the dependency arcs for the sentence: "In an unusually direct statement, the bureau spokesman recommended that state banks extend more credit to shopkeepers so they can purchase manufacturers' goods." The diagram shows various grammatical relations (ARCS) connecting words in the sentence. Key arcs include:

- ARG1** (main clause subject): connects "In" to "statement".
- ARG2** (main clause object): connects "recommended" to "that".
- ARG3** (main clause modifier): connects "bureau" to "recommended".
- ARG4** (main clause modifier): connects "spokesman" to "recommended".
- ARG5** (main clause modifier): connects "the" to "recommended".
- ARG6** (main clause modifier): connects "state" to "recommended".
- ARG7** (main clause modifier): connects "banks" to "recommended".
- ARG8** (main clause modifier): connects "extend" to "recommended".
- ARG9** (main clause modifier): connects "more" to "recommended".
- ARG10** (main clause modifier): connects "credit" to "recommended".
- ARG11** (main clause modifier): connects "to" to "recommended".
- ARG12** (main clause modifier): connects "shopkeepers" to "recommended".
- ARG13** (main clause modifier): connects "so" to "recommended".
- ARG14** (main clause modifier): connects "they" to "recommended".
- ARG15** (main clause modifier): connects "can" to "recommended".
- ARG16** (main clause modifier): connects "purchase" to "recommended".
- ARG17** (main clause modifier): connects "manufacturers" to "recommended".
- ARG18** (main clause modifier): connects "goods" to "recommended".

Figure 10: A parse tree for the sentence "This will prevent a slide in industrial production, which will otherwise cause new panic buyings, the spokesman said." The tree shows the hierarchical structure of the sentence, with nodes labeled with grammatical functions (ARG1, ARG2, etc.) and the corresponding words or phrases. The sentence is a complex sentence with a main clause and a relative clause. The main clause is "This will prevent a slide in industrial production, which will otherwise cause new panic buyings, the spokesman said." The relative clause is "which will otherwise cause new panic buyings". The tree structure is as follows:

- Root node: S (Sentence)
 - ARG1: This (x.x)
 - ARG2: will (v.from-e-i.p)
 - ARG3: prevent (p)
 - ARG4: a (n.x)
 - ARG5: slide (p.e-u-i)
 - ARG6: in (a.e.p)
 - ARG7: industrial (n.of-x-i)
 - ARG8: production (n.of-x-i)
 - ARG9: , (c)
 - ARG10: which (r)
 - ARG11: will (v.e-i-p)
 - ARG12: otherwise (c)
 - ARG13: cause (v.e-i-p)
 - ARG14: new (a.e.p)
 - ARG15: panic (n.x)
 - ARG16: buyings (n.x)
 - ARG17: , (c)
 - ARG18: the (a.e.p)
 - ARG19: spokesman (n.x)
 - ARG20: said (v.to-e-i-h-i)