Given the temporal structure between two predicates, can we predict which quantifier is present?

* I guess this is a cloze test
* Or classification?

Given a quantifier over two predicates, can we predict what the temporal structure is?

* Regression
* What does “over” mean?
  + One predicate is the restrictive term
  + The other is the nuclear

Can we train a model to recognize that a sentence is quantified at all, merely from the syntax?

* This would involve holding out the quantifiers, as well as something else in complementary syntactic distribution, and predicting whether the held out element is a quantifier.
* Does containment assist here? Likely not, but worth answering definitively.

What about conditionals? In much of the literature, conditionals are analyzed as quantifiers.

* But what kind? Universal? Then they should pattern with universals in containment structure.

Does duration (e.g. minutes, years, etc.) help?

Does annotator confidence help?

* E.g. should we prioritize those containment relations that are more confident, or does it suffice to take the mean?

Does a representation of syntax help?

Does predicate root vs entire span matter?

We need to explain the change in outliers here:

Predicate containment across pairs in different sentences

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universally: 0.39811126373626377

never: 0.47680418681386316

generally: 0.4812253659041055

sometimes: 0.49294399046167425

None: 0.5010212049407808

seldom: 0.5050017803980671

occasionally: 0.520395727945191

often: 0.5427858740090932

mostly: 0.5441754227517538

always: 0.5911666306394127

frequently: 0.595539176546696

usually: 0.6012821913587183

Same sentences

----------------------------------------------------------------------

occasionally: 0.35847856609250683

never: 0.5042870801151356

sometimes: 0.5453105118125711

None: 0.5544076184576721

mostly: 0.58785979817739

usually: 0.5936544641300109

generally: 0.6053910861192588

always: 0.6130259771570905

frequently: 0.6251808872742896

often: 0.6286204609542022

seldom: 0.7529411764705882

universally: 0.9195402298850575

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