

What happened to world oil prices?
What did Biden do?

[Distinguishing Past, On-going, and Future Events: The EventStatus Corpus](#) -- Related task of predicting if a sentence has happened or will happen later

[Supporting temporal question answering: strategies for offline data collection](#) -- Dahn 2006, Use propositions / grammar / temporal words to classify timely questions

[Companion Proceedings of the The Web Conference 2018: TempQuestions: A Benchmark for Temporal Question Answering](#) -- TempQuestions, Jia et al, 2018 -- A dataset of temporal questions. References TimeML which is used to tag questions as being temporal with word constructs. Focuses on something called *explicit temporal questions* that contain phrases like “two weeks ago” instead of implied knowledge like “Obama’s presidency”. Considers things like “who was the [first] president” to be temporal. So different from our definition.

[TEQUILA: Temporal Question Answering over Knowledge Bases](#) -- TEQUILA, Jia et al, 2018 -- A way to answer temporal questions. Uses keywords and phrases to detect temporal questions. Defined similarly to TempQuestions.

[TimeML: Robust Specification of Event and Temporal Expressions in Text](#) -- TimeML, Pustejovsky et. al 2003.

<https://www.semanticscholar.org/paper/Splitting-Complex-Temporal-Questions-for-Question-Bor%C3%B3-Mart%C3%ADnez-Barco/e21096be526840ff3a7e40b3dac5690052bac679> -- Splitting Complex Temporal Questions, Boró et al. 2004. -- Has interesting references, uses TERSEO to detect timely questions

<https://sci-hub.st/https://doi.org/10.1016/j.datak.2005.05.011> -- TERSEO, Saquete et al. 2006 -- Uses

CLEF 2005 QA

[Answering Event-Related Questions over Long-Term News Article Archives](#) -- Wang et al. -- uses event-based/implicit temporal tagging to grab news articles from the most relevant archived years

[A Dataset for Answering Time-Sensitive Questions](#) -- Chen et al. -- creates a dataset with questions containing the relevant time span the question is interested in, ie. What movies did Ryan Reynolds act in before November 2015?

[SQuAD: 100,000+ Questions for Machine Comprehension of Text](#) -- Rajpurkar et al. -- creates reading comprehension dataset with questions and text contexts

[Quizbowl: The Case for Incremental Question Answering](#) -- Rodriguez et al. -- creates quizbowl-esque question dataset with longer contingencies

[Natural Questions: A Benchmark for Question Answering Research](#) -- Kwiatkowski et al. -- creates QA dataset of commonly google'd questions

[SITUATEDQA: Incorporating Extra-Linguistic Contexts into QA](#) -- Zhang and Choi -- creates a dataset and model for determining whether a question is timely or timeless and shows current QA models' inability to recognize and differentially answer timely questions

Things:

- Temporal vs Timely -- the idea that temporal information = timely
- No QA system, only classifier
- IR necessary for classification
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