Complex NP & RC islands + Subject constraints:

\*I know who the painting that depicted \_\_\_\_ fetched a high price at auction.

1. Object
2. that-RC/Object
3. wh-RC/Object
4. Prep/Object
5. Subject
6. that-RC/Subject
7. wh-RC/Subject
8. Prep/Subject

8 x 2 x 2 = 32 conditions

Sample sentence from Wilcox et al. 2018:

[I know]prefix [what(who)/that]filler [your tears signaled]obj\_trigger [an indication]target\_np [null/that signaled/which signaled/of]RC\_comp [depression]RC\_NP [caused us to recommend therapy]subj\_trigger [last night.]cont

Sentence template

Prefix + [filler] + [obj\_trigger/null] + target\_np + [null/that-RC/wh-RC/prep+NP] + [subj\_trigger/null] + continuation

A complete set of conditions in one item:

[-filler, -gap]

I know that your tears signaled an indication last night.

I know that your tears signaled an indication that signaled depression last night.

I know that your tears signaled an indication which signaled depression last night.

I know that your tears signaled an indication of depression last night.

I know that an indication caused us to recommend therapy last night.

I know that an indication that signaled depression caused us to recommend therapy last night.

I know that an indication which signaled depression caused us to recommend therapy last night.

I know that an indication of depression caused us to recommend therapy last night.

[-filler, +gap]

I know that your tears signaled [ \_\_\_ ] last night.

I know that your tears signaled an indication that signaled [ \_\_\_ ] last night.

I know that your tears signaled an indication which signaled [ \_\_\_ ] last night.

I know that your tears signaled an indication of [ \_\_\_ ] last night.

I know that [ \_\_\_ ] caused us to recommend therapy last night.

I know that an indication that signaled [ \_\_\_ ] caused us to recommend therapy last night.

I know that an indication which signaled [ \_\_\_ ] caused us to recommend therapy last night.

I know that an indication of [ \_\_\_ ] caused us to recommend therapy last night.

[+filler, -gap]

I know what your tears signaled an indication last night.

I know what your tears signaled an indication that signaled depression last night.

I know what your tears signaled an indication which signaled depression last night.

I know what your tears signaled an indication of depression last night.

I know what an indication caused us to recommend therapy last night.

I know what an indication that signaled depression caused us to recommend therapy last night.

I know what an indication which signaled depression caused us to recommend therapy last night.

I know what an indication of depression caused us to recommend therapy last night.

[+filler, +gap]

I know what your tears signaled [ \_\_\_ ] last night.

I know what your tears signaled an indication that signaled [ \_\_\_ ] last night.

I know what your tears signaled an indication which signaled [ \_\_\_ ] last night.

I know what your tears signaled an indication of [ \_\_\_ ] last night.

I know what [ \_\_\_ ] caused us to recommend therapy last night.

I know what an indication that signaled [ \_\_\_ ] caused us to recommend therapy last night.

I know what an indication which signaled [ \_\_\_ ] caused us to recommend therapy last night.

I know what an indication of [ \_\_\_ ] caused us to recommend therapy last night.

Sentence:

1. [The manager suspected]\_prefix [that/what]\_filler [the incident revealed]\_obj\_trigger [a warning]\_target\_np [null/that revealed/which revealed/of]\_RC\_comp [security flaws]\_RC\_NP [led to stricter regulations]\_subj\_trigger [during the conference]\_cont.
2. [The scientist discovered]\_prefix [that/what]\_filler [the experiment revealed]\_obj\_trigger [a reaction]\_target\_np [null/that revealed/which revealed/of]\_RC\_comp [unstable compounds]\_RC\_NP [caused unexpected explosions]\_subj\_trigger [during the second trial]\_cont.
3. [The researcher found out]\_prefix [that/what]\_filler [the team proposed]\_obj\_trigger [a solution]\_target\_np [null/that solved/which solved/of]\_RC\_comp [the major issue]\_RC\_NP [was praised by the judges]\_subj\_trigger [during the final presentation]\_cont.
4. [The coach predicted]\_prefix [that/what/who]\_filler [the scouts recruited]\_obj\_trigger [an athlete]\_target\_np [null/that comes from/which comes from/of]\_RC\_comp [the national team]\_RC\_NP [won the gold medal]\_subj\_trigger [at the championship event]\_cont.
5. [The engineer realized]\_prefix [that/what]\_filler [the company submitted]\_obj\_trigger [a design proposal]\_target\_np [null/that addressed/which addressed/for]\_RC\_comp [the new bridge project]\_RC\_NP [was approved by the city council]\_subj\_trigger [last Thursday]\_cont.
6. [The reporter found out]\_prefix [that/what/who]\_filler [the agency hired]\_obj\_trigger [a consultant]\_target\_np [null/that worked with/which worked with/with]\_RC\_comp [the international committee]\_RC\_NP [secured a major contract]\_subj\_trigger [in early March]\_cont.
7. [The professor realized]\_prefix [that/what]\_filler [the students analyzed]\_obj\_trigger [a data set]\_target\_np [null/that revealed/which revealed/about]\_RC\_comp [global climate trends]\_RC\_NP [influenced the final report]\_subj\_trigger [in their research project]\_cont.
8. [The analyst predicted]\_prefix [that/what]\_filler [the report highlighted]\_obj\_trigger [a major discrepancy]\_target\_np [null/that affected/which affected/in]\_RC\_comp [the quarterly earnings]\_RC\_NP [caused shareholder concern]\_subj\_trigger [during the fiscal meeting]\_cont.
9. [The organizer announced]\_prefix [that/what/who]\_filler [the council approved]\_obj\_trigger [a proposal]\_target\_np [null/that was supported by/which was supported by/by]\_RC\_comp [local businesses]\_RC\_NP [boosted funding for the festival]\_subj\_trigger [earlier this spring]\_cont.
10. [The board discovered]\_prefix [that/who]\_filler [the committee selected]\_obj\_trigger [a candidate]\_target\_np [null/that belonged to/which belonged to/from]\_RC\_comp [the marketing team]\_RC\_NP [led the new product launch]\_subj\_trigger [last quarter]\_cont.
11. [The scientist noticed]\_prefix [that/what]\_filler [the research team developed]\_obj\_trigger [a device]\_target\_np [null/that contributed to/which contributed to/for]\_RC\_comp [medical advancements]\_RC\_NP [became widely adopted]\_subj\_trigger [in hospitals worldwide]\_cont.
12. [The journalist found out]\_prefix [that/who]\_filler [the publisher hired]\_obj\_trigger [an editor]\_target\_np [null/that worked for/which worked for/from]\_RC\_comp [the magazine group]\_RC\_NP [received several awards]\_subj\_trigger [over the past decade]\_cont.
13. [The economist noted]\_prefix [that/what]\_filler [the agency issued]\_obj\_trigger [a report]\_target\_np [null/that forecasted/which forecasted/about]\_RC\_comp [global market trends]\_RC\_NP [influenced investment strategies]\_subj\_trigger [earlier this year]\_cont.
14. [My brother remembered]\_prefix [that/what/who]\_filler [the historian mentioned]\_obj\_trigger [the painting]\_target\_np [null/that was commissioned by/which was commissioned by/by]\_RC\_comp [the royal family]\_RC\_NP [became the highlight of the museum collection]\_subj\_trigger [when we visited last summer]\_cont.
15. [She recalled]\_prefix [that/what/who]\_filler [the museum exhibited]\_obj\_trigger [a manuscript]\_target\_np [null/that was written by/which was written by/by]\_RC\_comp [Virginia Woolf]\_RC\_NP [attracted scholars from around the world]\_subj\_trigger [this spring]\_cont.
16. [They heard]\_prefix [that/what]\_filler [the curator described]\_obj\_trigger [a performance]\_target\_np [null/that was choreographed by/which was choreographed by/by]\_RC\_comp [Martha Graham]\_RC\_NP [left a lasting impact on dance history]\_subj\_trigger [at last year's festival]\_cont.
17. [They explained]\_prefix [that/what]\_filler [the scientist discovered]\_obj\_trigger [a mutation]\_target\_np [null/that is caused by/which is caused by/by]\_RC\_comp [radiation exposure]\_RC\_NP [led to significant genetic changes]\_subj\_trigger [in laboratory mice]\_cont.
18. [He mentioned]\_prefix [that/what]\_filler [the museum displayed]\_obj\_trigger [a portrait]\_target\_np [null/that was painted for/which was painted for/for]\_RC\_comp [a royal wedding]\_RC\_NP [remained in the palace collection]\_subj\_trigger [since centuries ago]\_cont.
19. [They found out]\_prefix [that/what]\_filler [the doctor described]\_obj\_trigger [a fracture]\_target\_np [null/that resulted from/which resulted from/from]\_RC\_comp [a fall during training]\_RC\_NP [required immediate surgery]\_subj\_trigger [earlier this month]\_cont.
20. [My father mentioned]\_prefix [that/what]\_filler [the guide presented]\_obj\_trigger [a celebration]\_target\_np [null/that was held for/which was held for/for]\_RC\_comp [independence day]\_RC\_NP [drew thousands of visitors]\_subj\_trigger [last July]\_cont.