16_HOMEWORK2_optional_add_more_stimuli_to_lex_dec_model

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CO Open in Colab

0.1 Homework 2 (optional)

We only used one stimulus in our simulation, but real-world experiments have many stimuli presented serially. Recode the model so that it simulates a lexical decision task with two (or more) stimuli following one another, i.e.: find the word/character string on the virtual screen, recall the word, press the correct key depending on the result of the memory recall, wait for the next stimulus etc. The new set of stimuli should be specified as a Python list (use []):

```
[1]: word = [{1: {'text': 'elephant', 'position': (320, 180)}},
             {2: {'text': 'wug', 'position': (220, 140)}}]
```

Note that various production rules would have to be changed for the model to keep looking for a new stimulus after a lexical decision has been been about the previous one.

```
[ ]:
```