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\*\*Not all online techniques are the same\*\*

Behavioral responses (2,000 ms after decision)

* Online techniques:
  + Offline techniques tap into explicit knowledge
* Before collecting data
  + K=6 stilmuli per condition
  + 2/3 distractors (random is not distractor)
  + practice trials
  + test experiments all the way through
  + Measure with fake Ss to measure time.
  + Not L shape in eye-tracking, but 2 split tables with R behind S
  + Ensure that Ss know
  + Use same computer for RT tasks (computers vary in terms of speed)
  + Add non-ling WM task, focus on both RT and accuracy data from the WM test (processing speed can be a better predictor of lang processing than accuracy (Sagarra, forthcoming)
  + Monitor has to be appropriate for sample rate of eye-tracker
  + Show images 1000 ms before beginning the sound file
* After collecting data (data trimming)
  + Exclude Rts of sentences with erroneous responses to comp questions
  + Exclude Ss that show a clear preference for Y/N answers
  + Outliers: exclude Ss whose mean RTs are 2.0 SDs away
  + Ensure group homogeneith with several measures: L2 proficiency test, overall reading time (including fillers; this overall rate is a better predictor of L2 profciency than a metalinguistic offline MC prof. test), WM task, etc.
    - Marinis (2010)
    - DELE, overall reading time, WM
* Rent eye-tracker – claritylabs.com //