**Links**

<https://arxiv.org/pdf/1809.00042.pdf>

<https://scholarworks.umass.edu/cgi/viewcontent.cgi?article=1108&context=scil>

Natural languages can introduce dependencies between words at a distance, which is referred to as filler-gap dependency as seen in (1).

1. I know what the lion devoured \_\_ at sunrise.

Since *what* is the object of the verb *devoured*, the sentence (1) contains a dependency between a filler (i.e., what) and a gap (i.e., the underlied empty position).