Define feature space for Theme and Recipient

Pronominality
Animacy
Length
Definiteness
Givenness
...

Sample exposure stimulus
given a dative frame and feature configuration

Feat. SPACE  $\sim \frac{\mathrm{She}\, [\mathrm{pilked}]\, \mathrm{the}}{\mathrm{ball}\, \mathrm{to}\, \mathrm{me}}.$ 

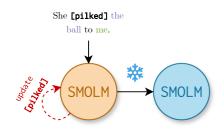
Exposure Dative Frame: PP

Add novel verb to LM's vocabulary



Update the novel verb's embedding

in LM for exposure stimulus and freeze all LM representations



5 Investigate behavior of updated LM on generalization set



Generalization Dative Frame: DO

Reset LM and repeat 2 - 5
with new inputs

sam [pilked]
it to the dog.

SMOLM

the cup to the toy.