

## Model Output for: "The cat \_"

**P(sat) = 0.45**

**P(is) = 0.30**

**P(jumped) = 0.25**

P(walked) = 0.12

*Top 3 candidates (85% of probability mass)*

P(was) = 0.10

P(sleeping) = 0.08

P(ran) = 0.05

P(meowed) = 0.03

...

**Total vocabulary: 50,000 words**

*Challenge: Which word do we pick?*

