

What If We Know More About a Text Segment?

Prediction question: Is “**meat**” present (or absent) in this segment?



Does presence of “**eats**” help predict the presence of “**meat**”?

Does it **reduce** the uncertainty about “meat”, i.e., $H(X_{\text{meat}})$?

What if we know of the absence of “eats”? Does it also help?