

# Toy corpus

*This is the house that Jack built.  
This is the malt  
That lay in the house that Jack built.  
This is the rat,  
That ate the malt  
That lay in the house that Jack built.  
This is the cat,  
That killed the rat,  
That ate the malt  
That lay in the house that Jack built.*

$p(\text{house} \mid \text{this is the}) =$