

Hypothesis 1 (Prior: 72%):
He is riding a starboard.

Hypothesis 2 (Prior: 28%):
He is riding a skateboard.

GPT

Language modeling
score

H1: -1175
H2: -330

Softmax
 $\theta = 0.005$

H1: 2%
H2: 98%

Likelihood

Bayes Rule

H1: 5%
H2: 95%

Posterior