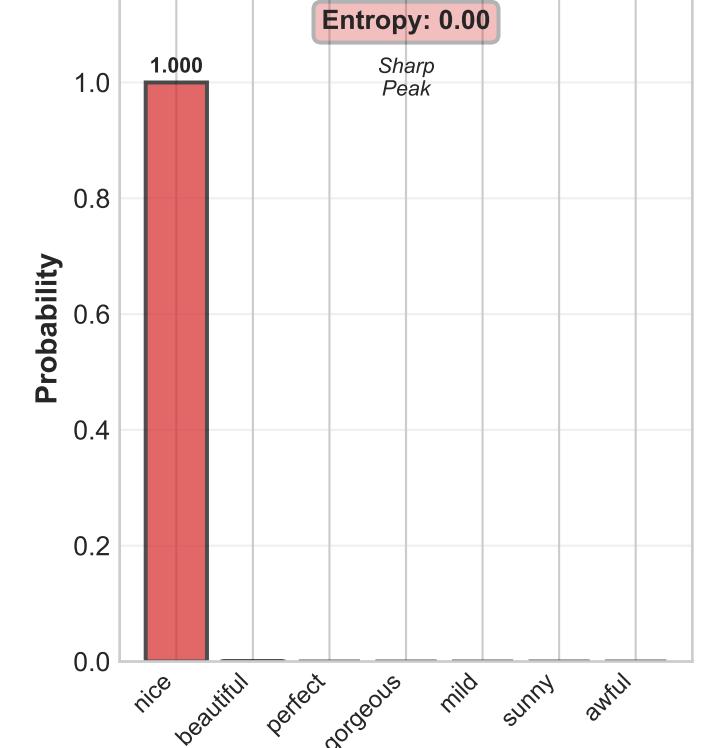


# Temperature Controls Probability Distribution Shape

T=0.1  
(Very Focused)

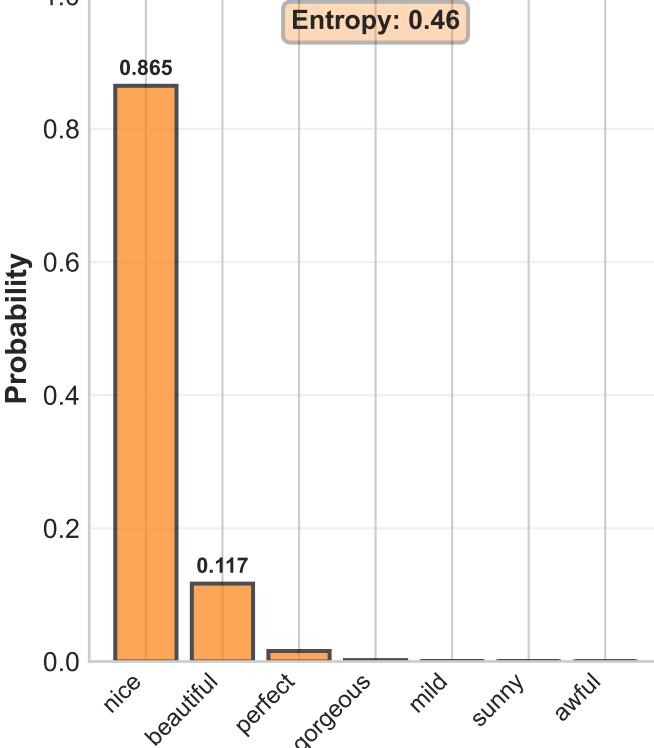
Entropy: 0.00

Sharp Peak



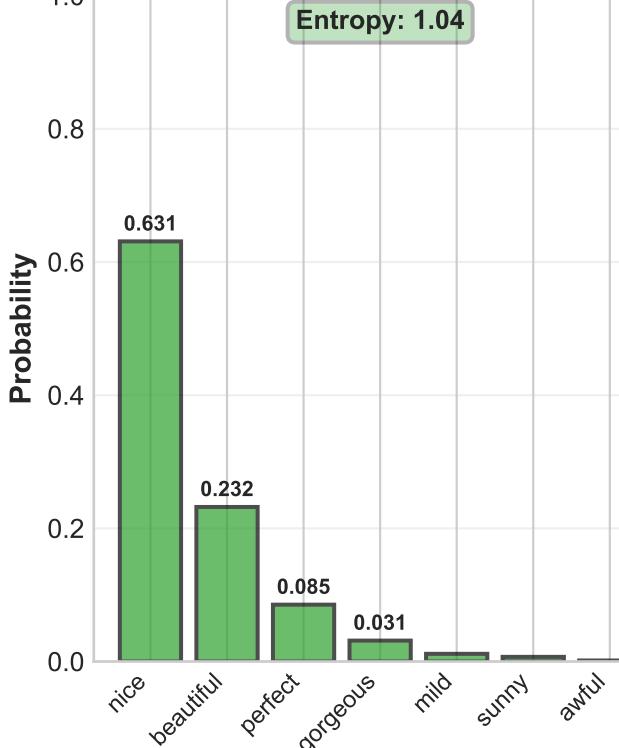
T=0.5  
(Focused)

Entropy: 0.46



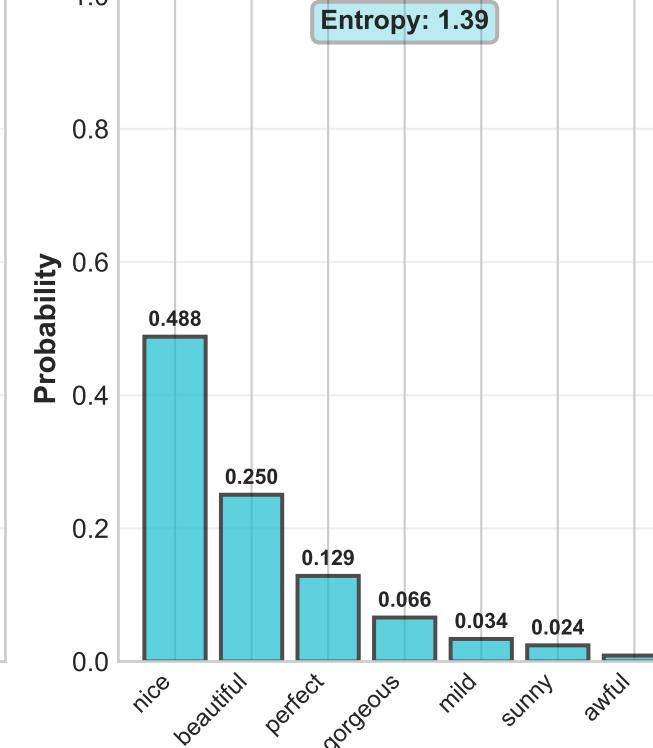
T=1.0  
(Original)

Entropy: 1.04



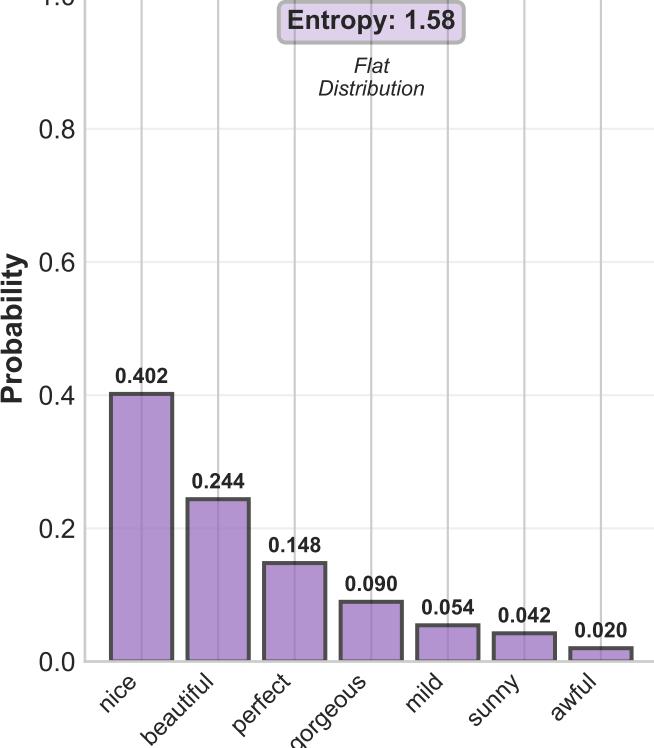
T=1.5  
(Creative)

Entropy: 1.39



T=2.0  
(Very Random)

Entropy: 1.58



Low T: Model is confident (picks top word) | High T: Model is uncertain (spreads probability)

Entropy measures randomness: Low entropy = predictable, High entropy = random