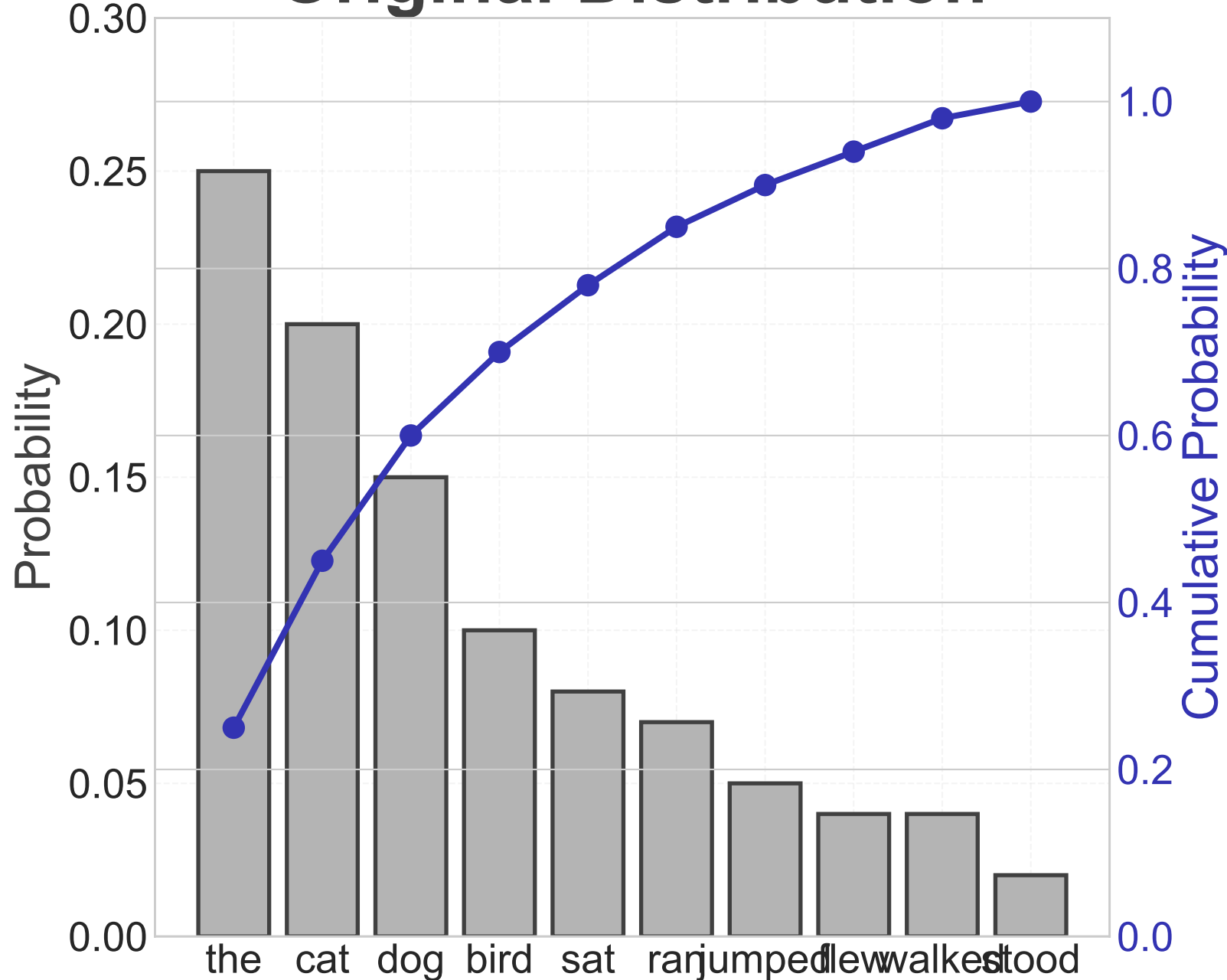# Top-k Sampling: Numerical Example

Original Distribution

Top-k=3 Truncation

k=3: Keep top 3 words
Sum before: 0.60
Renormalized: 1.0

Original
Renormalized