

Step 1: Prune "A"
($P=0.3$)

Beam search is GREEDY:
Once pruned, paths are lost forever

Step 2: Continue with "The"
All descendants are "The ..."

Step 3-10: Still following
"The cat sat ..."

Realize: "A small cat purred"
would have been better!

No way back!

PROBLEM:
Cannot recover!
Path starting with "A" is gone forever.