

# Same Prompt, Different Methods

*Prompt: "The future of artificial intelligence is"*

## Nucleus (p=0.9)

"...is promising and will transform many industries. We expect to see significant advances in healthcare, education, and research in the coming years."

+ Diverse  
+ Creative

- Some repetition

## Contrastive ( $\alpha=0.6$ )

"...is rapidly evolving, bringing unprecedented opportunities across sectors ranging from medicine to climate science, while raising important ethical questions."

+ Diverse  
+ Creative

- + No repetition

*Contrastive Search explicitly penalizes copying recent context*