

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