

A Length Fidelity Plots for Summarization

Summarization Length Ratios by Models - Vanilla Prompt v2

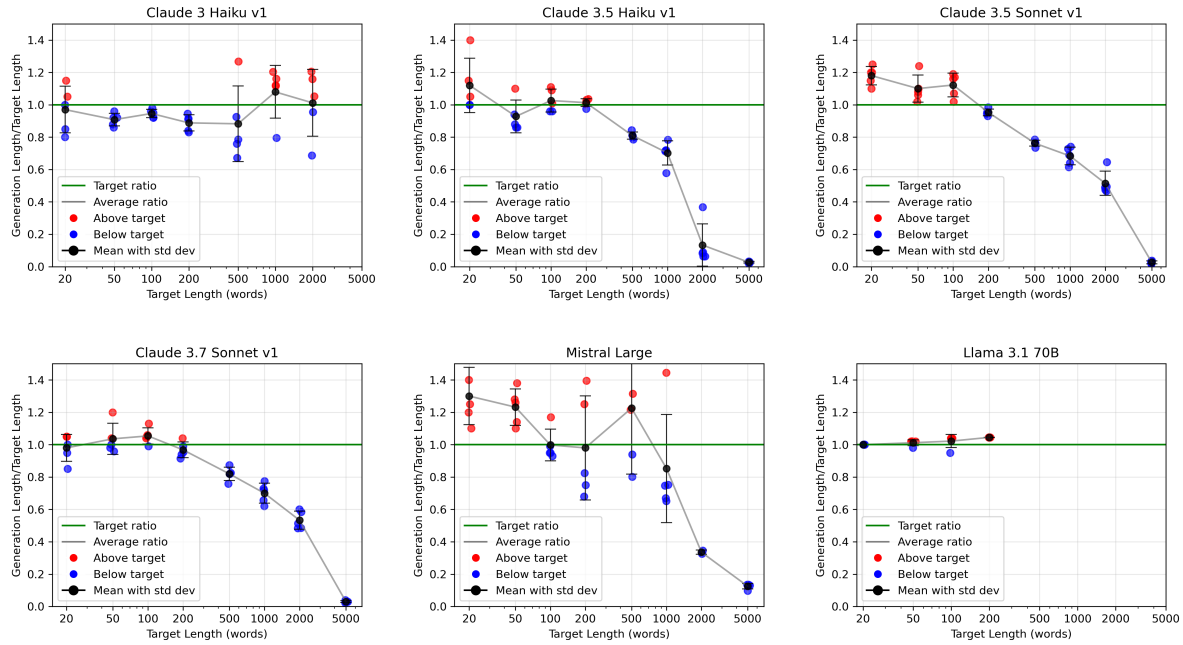


Figure 4: Length fidelity with vanilla prompting v2.

Summarization Length Ratios by Models - Thinking Prompt v2

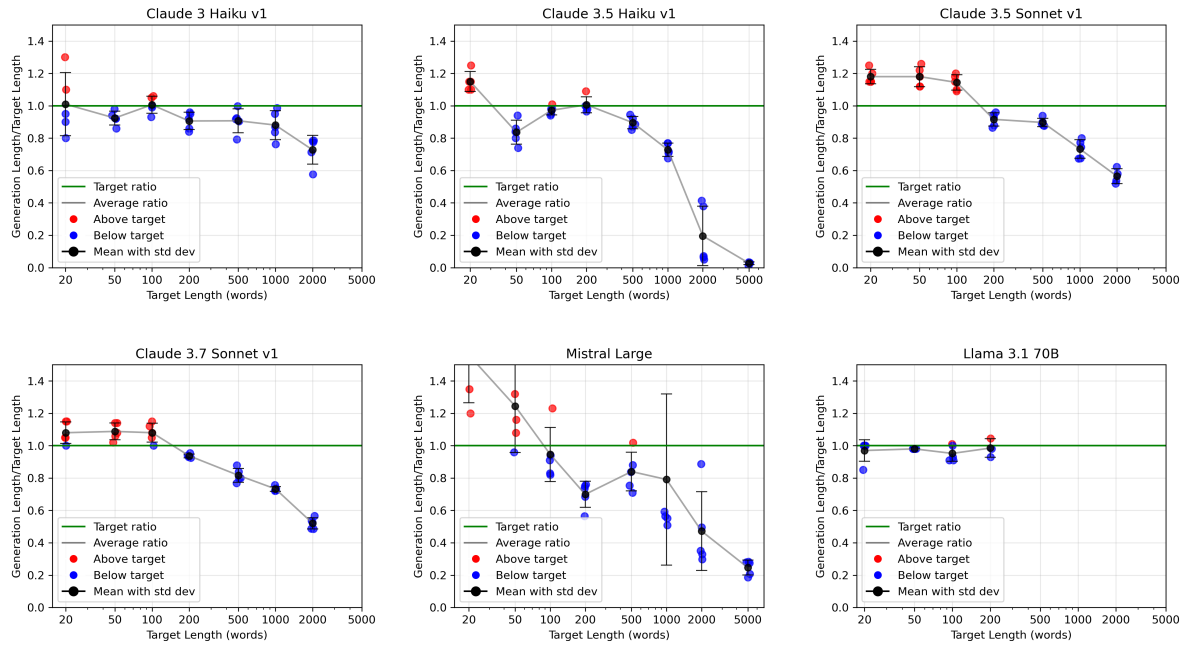


Figure 5: Length fidelity with Plan-and-Write prompting v2.

Story Generation Length Ratios by Models - Vanilla Prompt

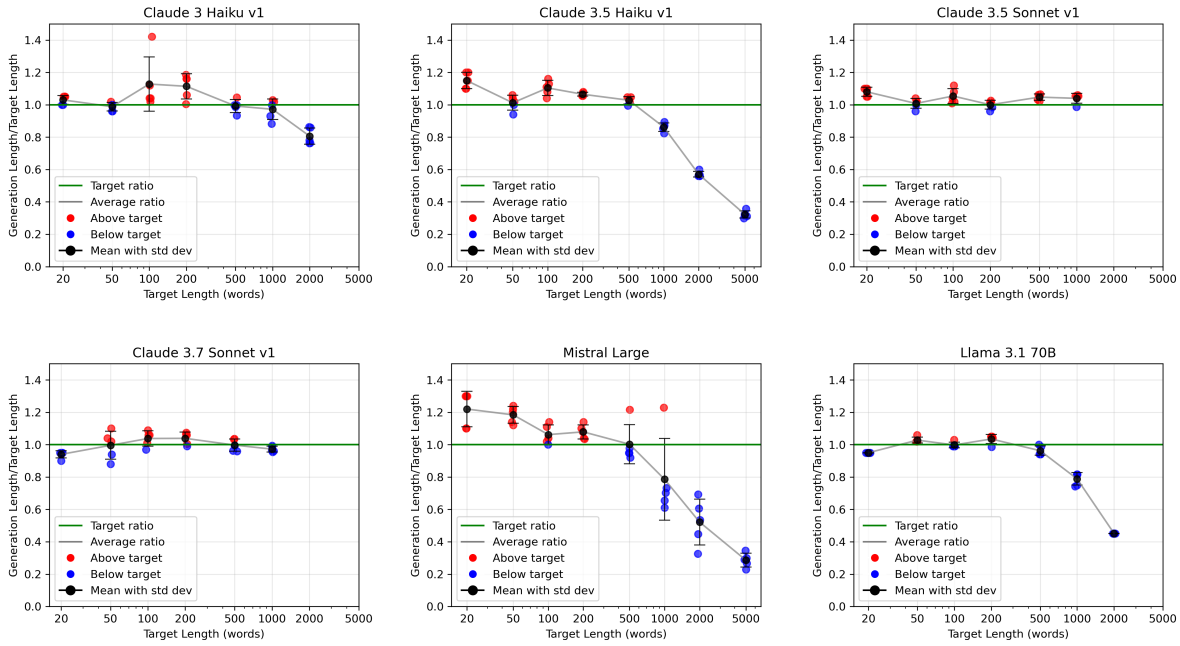


Figure 6: Length fidelity with vanilla prompting for story generation.

Story Generation Length Ratios by Models - Thinking Prompt

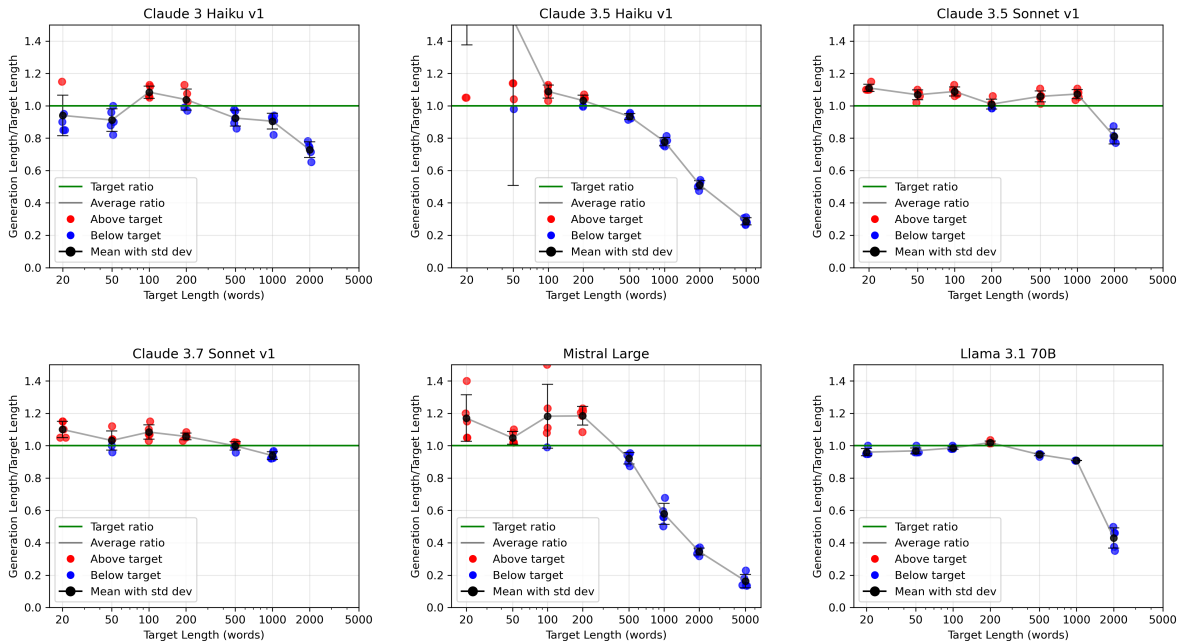


Figure 7: Length fidelity with Plan-and-Write prompting for story generation.

information (like summarization) than for tasks requiring creative content generation. This finding highlights the importance of task-specific prompt engineering and suggests that different cognitive processes may be involved in length control for different types of generation tasks.