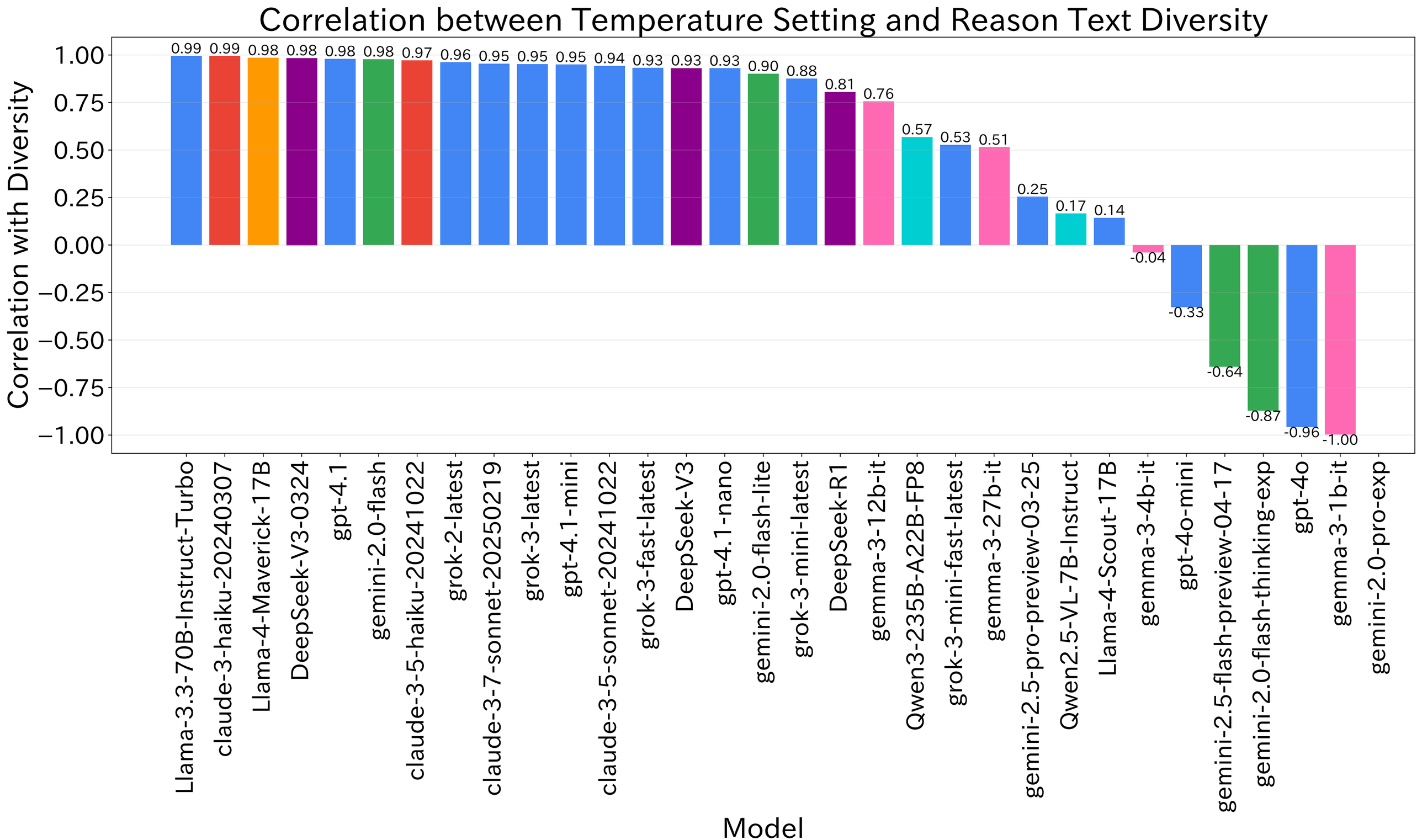
Correlation between Temperature Setting and Reason Text Diversity
Correlation with Diversity
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
0.99
0.99
0.98
0.98
0.98
0.98
0.97
0.96
0.95
0.95
0.95
0.94
0.93
0.93
0.93
0.90
0.88
0.81
0.76
0.57
0.53
0.51
0.25
0.17
0.14
-0.04
-0.33
-0.64
-0.87
-0.96
-1.00
Llama-3.3-70B-Instruct-Turbo
claude-3-haiku-20240307
Llama-4-Maverick-17B
DeepSeek-V3-0324
gpt-4.1
gemini-2.0-flash
claude-3-5-haiku-20241022
grok-2-latest
claude-3-7-sonnet-20250219
grok-3-latest
gpt-4.1-mini
claude-3-5-sonnet-20241022
grok-3-fast-latest
DeepSeek-V3
gpt-4.1-nano
gemini-2.0-flash-lite
grok-3-mini-latest
DeepSeek-R1
gemma-3-12b-it
Qwen3-235B-A22B-FP8
grok-3-mini-fast-latest
gemma-3-27b-it
gemini-2.5-pro-preview-03-25
Qwen2.5-VL-7B-Instruct
Llama-4-Scout-17B
gemma-3-4b-it
gpt-4o-mini
gemini-2.5-flash-preview-04-17
gemini-2.0-flash-thinking-exp
gpt-4o
gemma-3-1b-it
gemini-2.0-pro-exp
Model