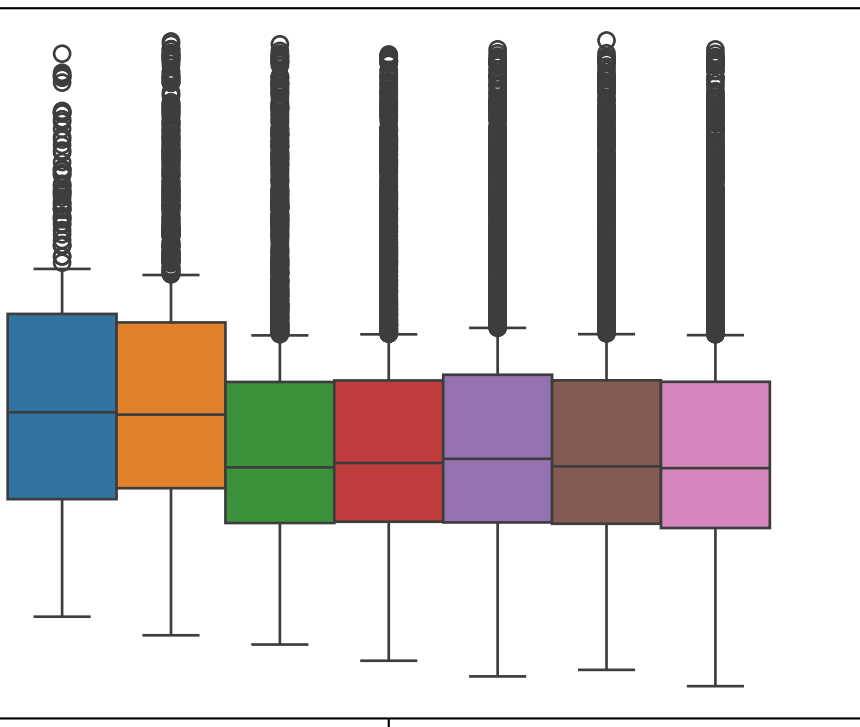


time diff [ms]

10^3
 10^2
 10^1
 10^0
 10^{-1}
 10^{-2}



- Pattern (not clean)
- Pattern (clean)
- ChatGPT-4o (baseline)
- ChatGPT-4o (finetune, not clean)
- ChatGPT-4o (finetune, clean)
- CodeT5+ (finetune, not clean)
- CodeT5+ (finetune, clean)