VETINSTRUCT 500K

1. Reading Comprehension
2. Text Summarization
3. Causal,Treatment,Disorder Reasoning
4. Rationale Generation
5. Role based Dialogue Generation

VETCORPUS 3M

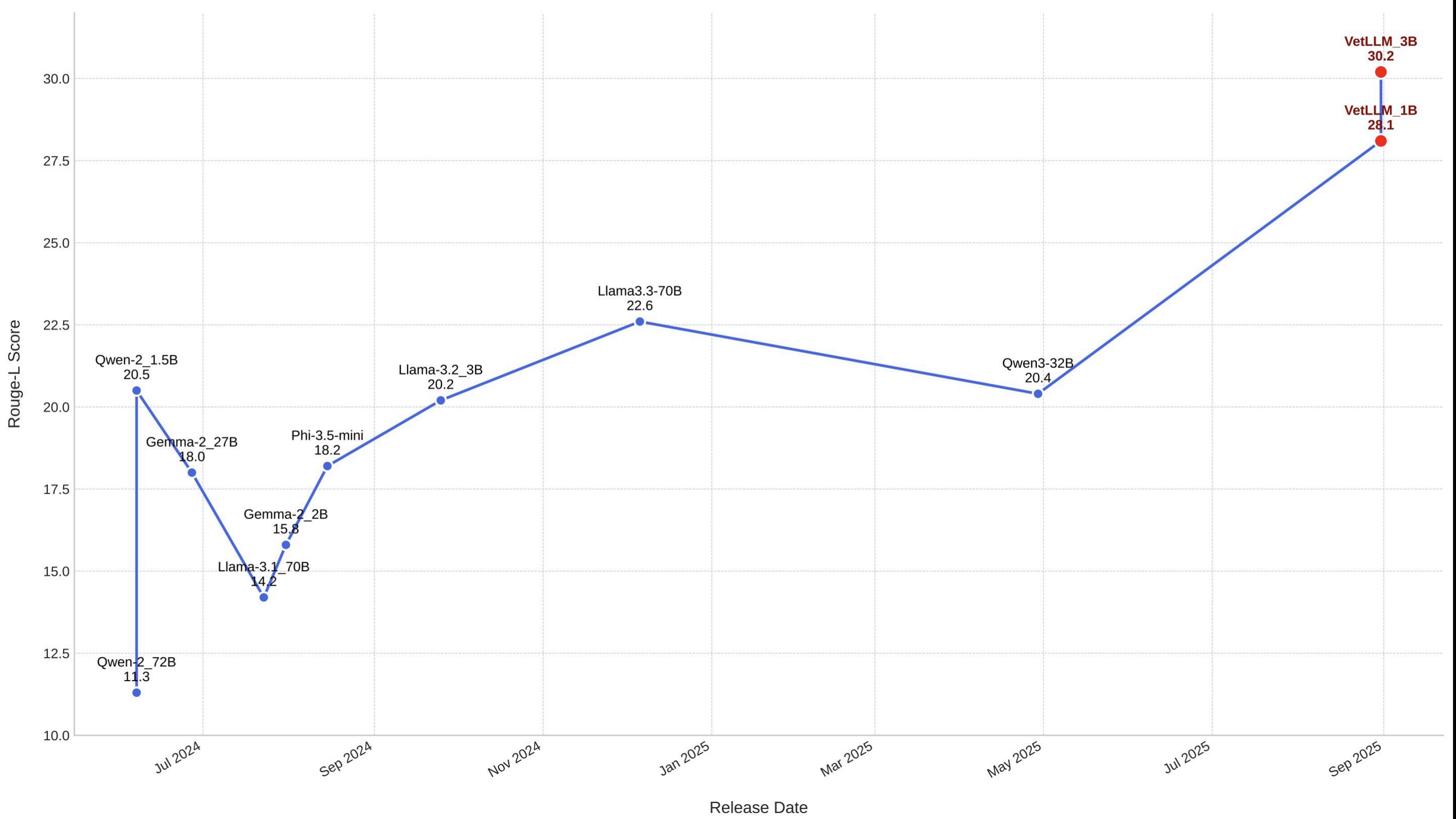A large pre-training Vet corpus consisting of 3 M Vet docs & having 15.5 B Tokens

1. Websites 🌐
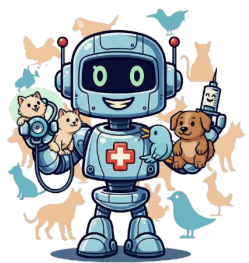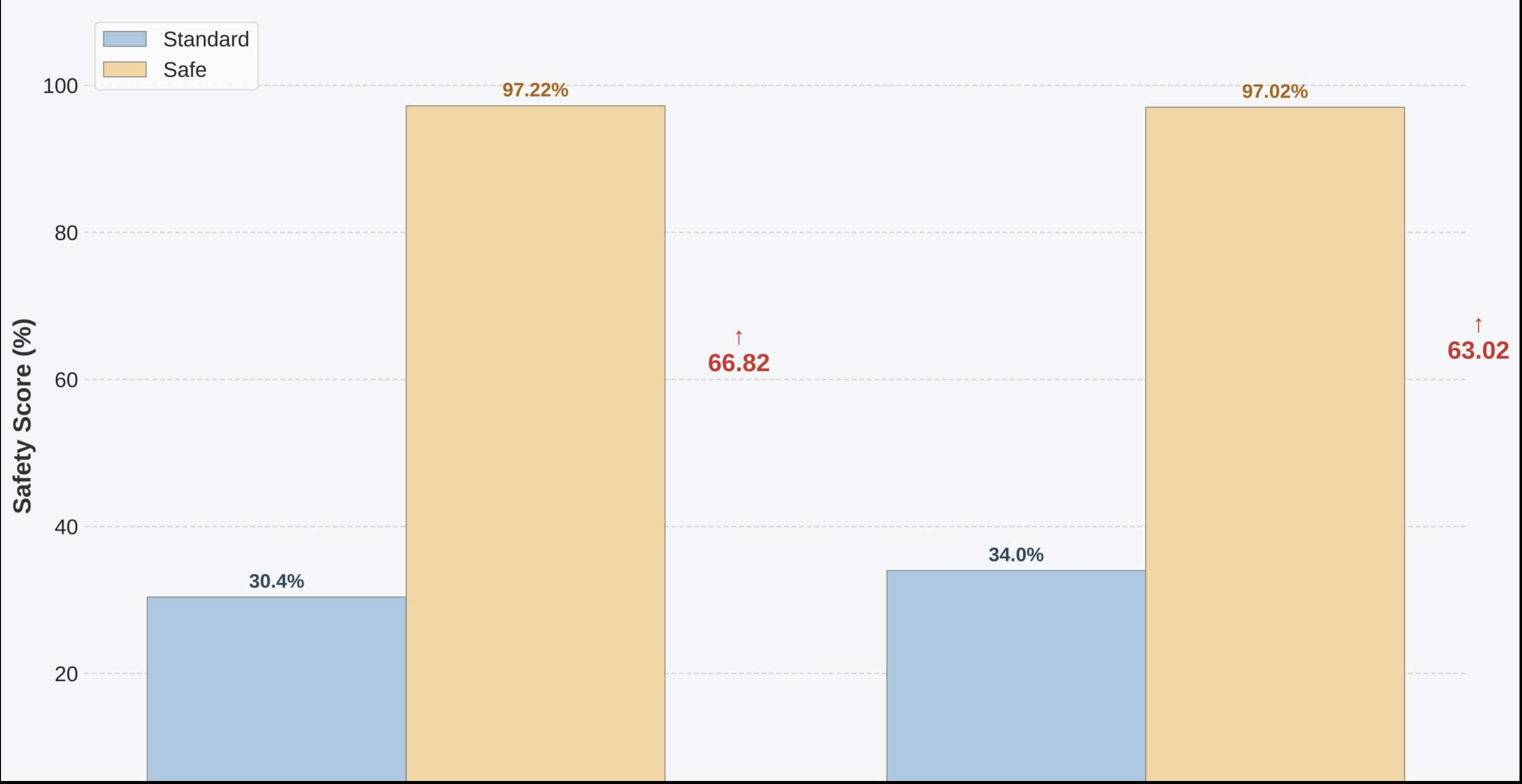2. Journals 📰
3. E-Books 📱

VETSAFE

3K expert validated harmful queries that violates the ethics of Vet-Care as per expert guidance by American Veterinary and Medical Association (AVMA)

AMVA

LLM Performance Over Time (Rouge-L Score)

VetLLM_3B 30.2
VetLLM_1B 28.1
Llama3.3-70B 22.6
Qwen-2_1.5B 20.5
Qwen3-32B 20.4
Llama-3.2_3B 20.2
Phi-3.5-mini 18.2
Gemma-2_27B 18.0
Gemma-2_2B 15.8
Llama-3.1_70B 14.2
Qwen-2_72B 11.3

Comparison Between Standard and Safe-Tuned Versions

- Standard
- Safe

97.22%
↑ 66.82
30.4%

97.02%
↑ 63.02
34.0%

VETLM