

Kernel Review Prompts

How to review code

**How the kernel
works**

**Eliminating false
positives**

Mostly baked into each
model, hard to
meaningfully shift

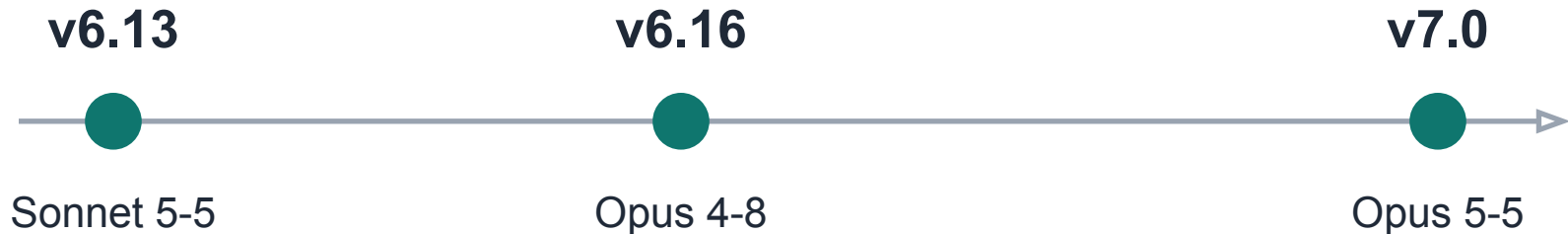
Constantly changing
with each release

Focus on exposing
guesses

Models vs Kernel Changes

Closed-book quiz: for 20 functions renamed in each release, pick the current name. Models that know the release pick the new one.

Latest kernel each model knows (estimated)



Bug reports without reproducers are just
guesses

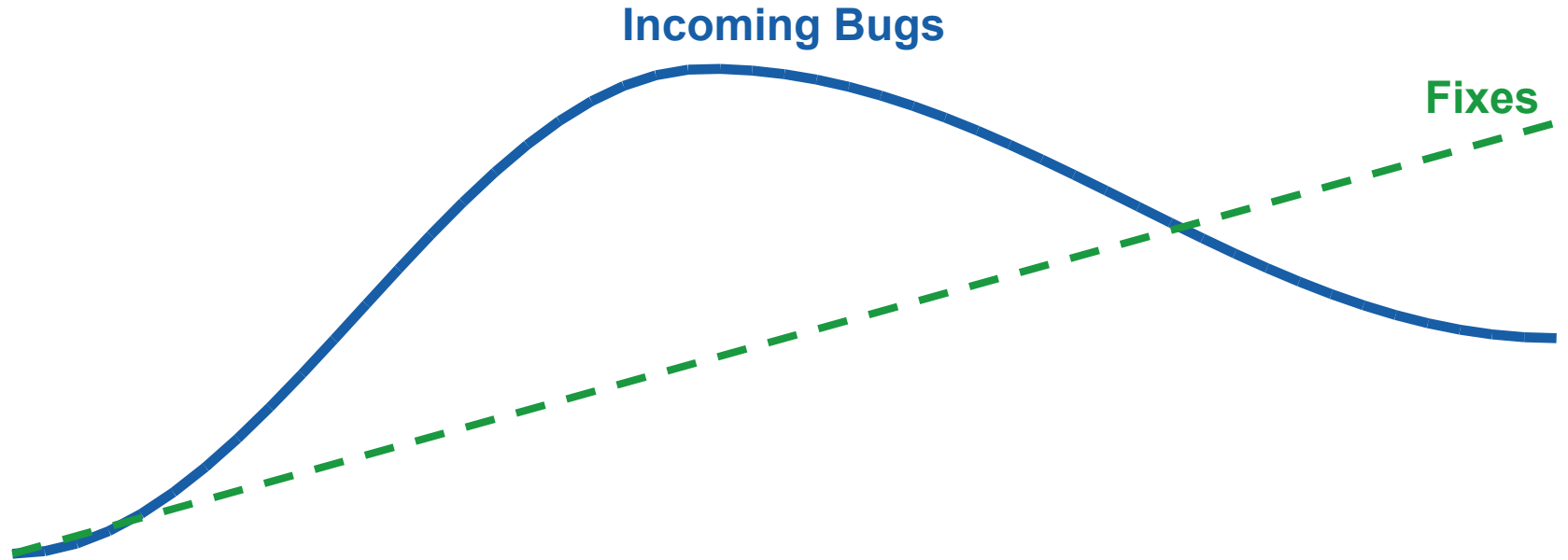
Why LLM commit messages are terrible

**They don't
understand the
subsystem**

**They don't
understand the
bug**

**They are trying to
sound like a
human**

GregKH Curve (Don't Panic KR 2026 version)



Scaling the Fix Rate

**Design
Documentation**

**Code safety: rust,
scoped guards etc**

**Testing
Automation**

Linting

TLA+

**Reviews, reviews,
reviews**