a. ROC (GPT4o)

—— **NERO (no training): 88.8%**
- - - **NERO (with training): 96.9%**
—— **zerogpt: 97.0%**
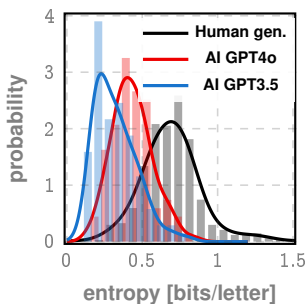
sensitivity / 1-specificity
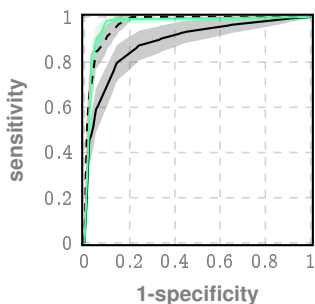
b. ROC (GPT4o + GPT3.5)

—— **NERO (no training): 91.7%**
- - - **NERO (with training): 97.7%**
—— **zerogpt: 70.8%**

sensitivity / 1-specificity
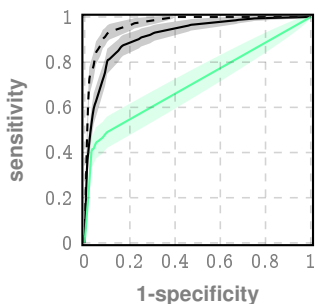
c. Entropy-rate Distributions

Human gen.
AI GPT4o
AI GPT3.5

probability / entropy [bits/letter]

d. Variation with length

AI gen.
human gen.

entropy [bits/letter] / text length ·10^5
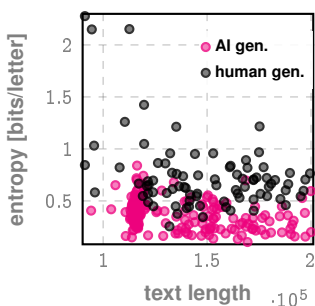
e. Variation of entropy-rate across human literary genre

5 pctile. entropy rate [bits/letter]

Science Philosophy, History, Fiction, Reference, Religion, Drama, Youth Children, Poetry