

The Model Similarity Index 2026

178 AI models fingerprinted across 32 writing dimensions and 43 standardized prompts. Clone clusters, price arbitrage, provider DNA, and composite clone scores.

178

MODELS

3,095

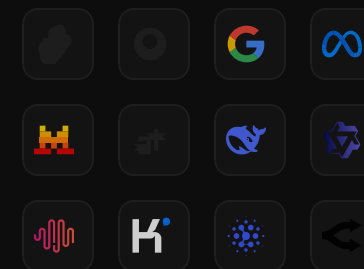
RESPONSES

32

DIMENSIONS

30

CLONES SCORED



185x

largest price gap between models that write identically

95.7%

highest pairwise similarity

What we found

185x

Largest price gap between models with similar writing style

95.7%

Highest pairwise similarity: Devstral Medium vs Devstral Small

9

Clone clusters detected (>90% writing match)

50

Price arbitrage opportunities found (>75% match)

Mistral Large

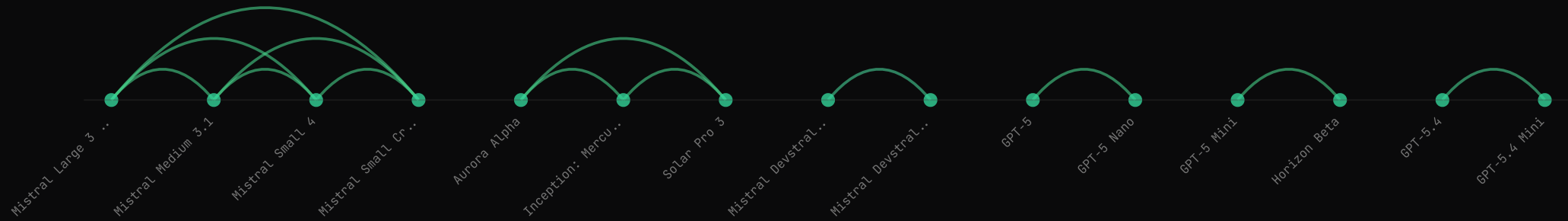
Most confident clone pair (84.5% confidence)

meta

Most distinctive provider writing style (37.5x)

9 clone clusters found

Models with >90% writing style similarity connected by arcs. Height = similarity strength.



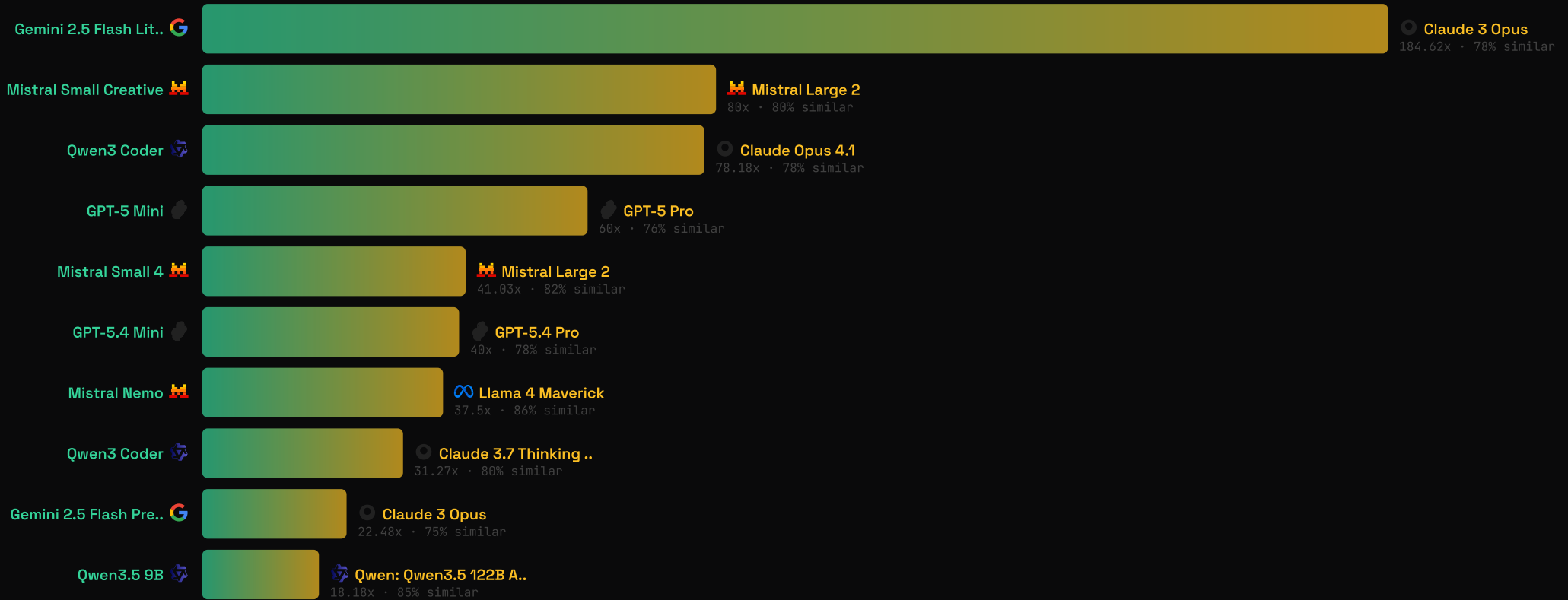
15,753 pairwise comparisons

Each circle = a similarity bucket. Size = number of pairs. Color = similarity direction.



Same writing, different bill

Green = cheaper model. Amber = expensive model. Bar width = price ratio. All pairs >75% writing match.



Which labs have a house style?

Distinctiveness = how much a provider's models write like each other vs. like everyone else.



meta
4 models · intra 42.3%
37.5x

zhipu
6 models · intra 15.6%
12.3x

deepseek
7 models · intra 4.9%
6.1x

minimax
6 models · intra 3.5%
4.1x

openrouter
18 models · intra -0.5%
0.0x

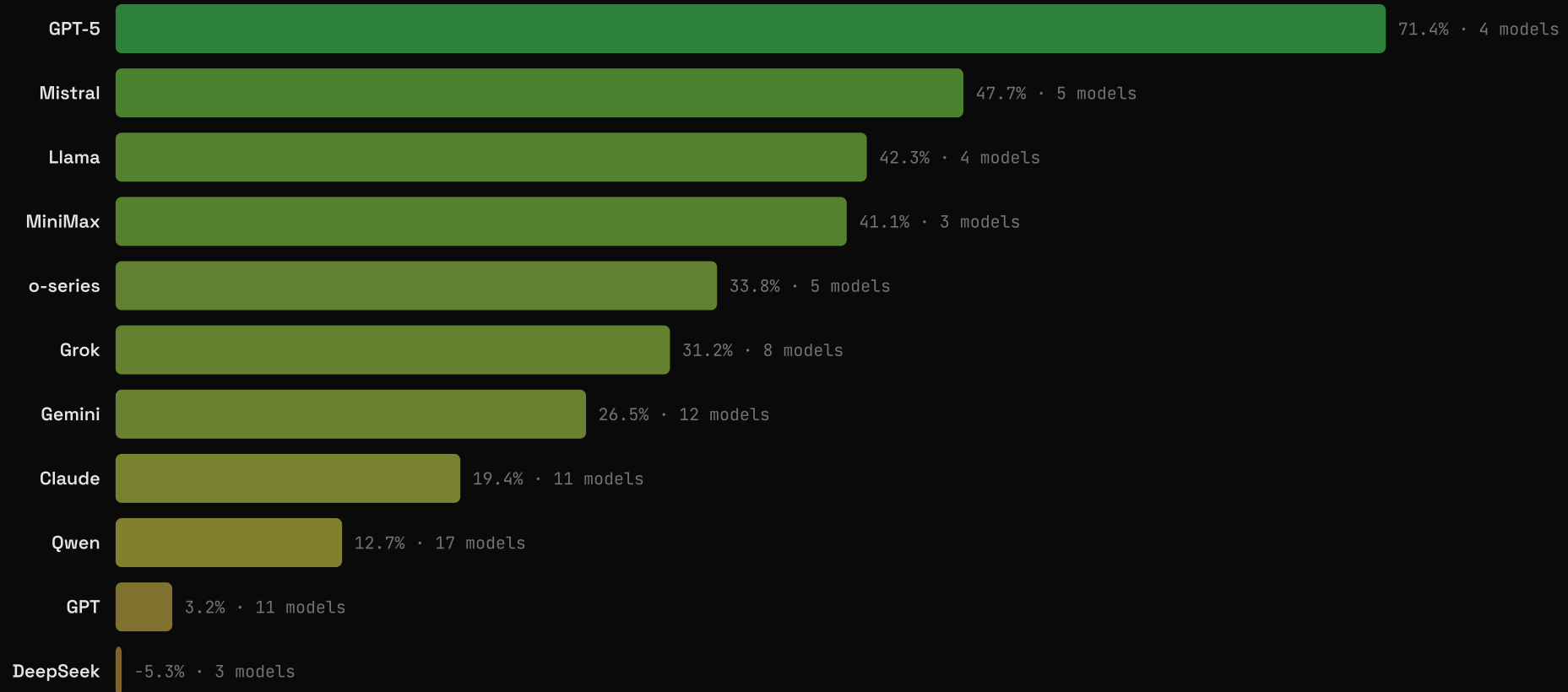
openai
37 models · intra 0.6%
0.0x

anthropic
15 models · intra 19.9%
0.0x

mistral
11 models · intra 38.7%
0.0x

Do model families actually write alike?

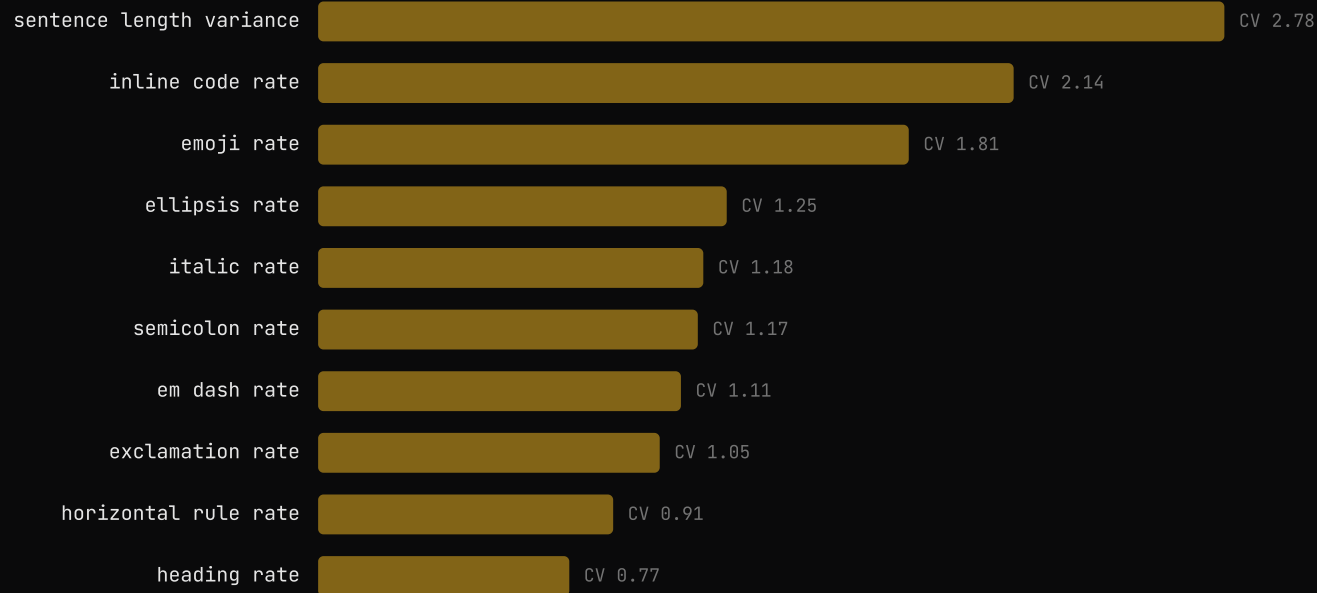
Average intra-family writing similarity. High = consistent voice across versions.



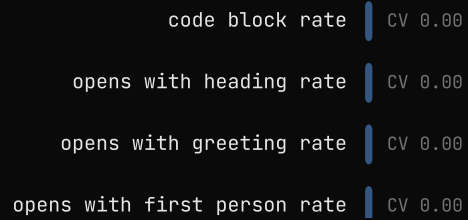
What separates AI writing styles?

32 stylometric dimensions ranked by variance. High CV = strong differentiator.

MOST DISCRIMINATING



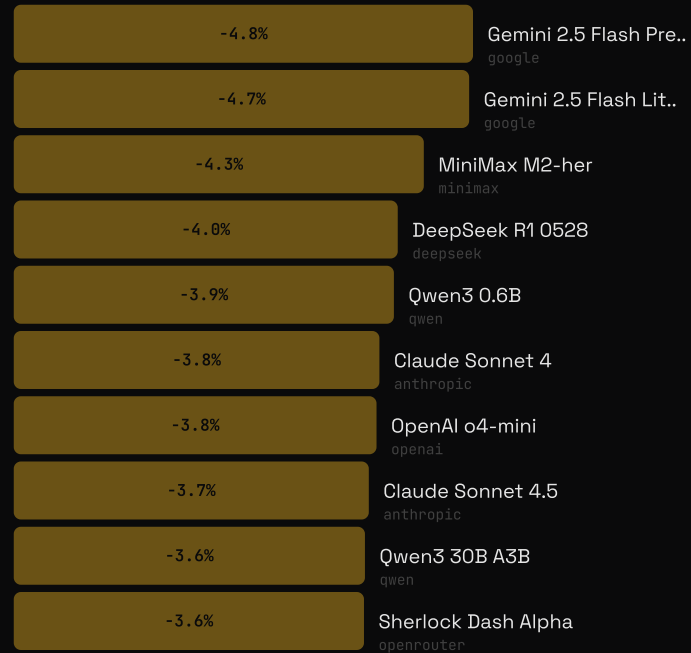
UNIVERSAL CONVERGENCE



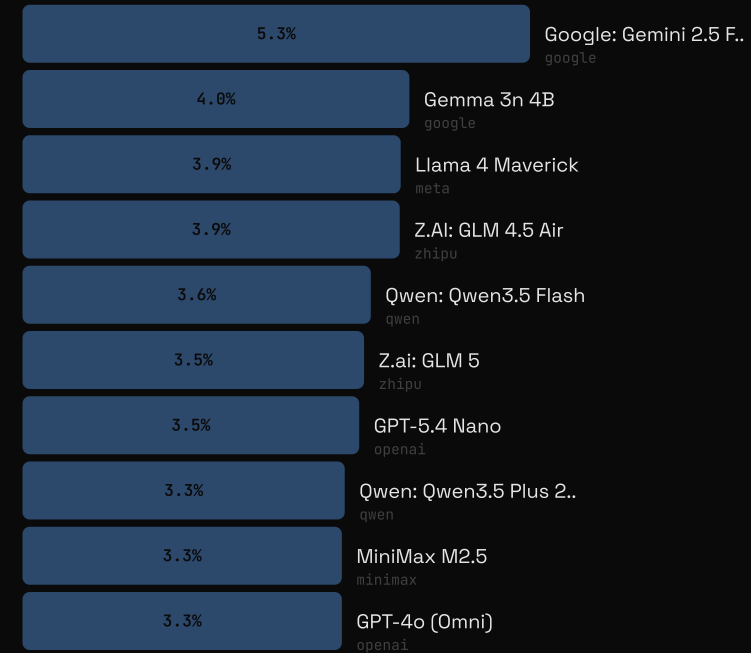
Most unique vs. most generic writers

Average writing similarity to all other models. Low = writes unlike anything else. High = writes like the average of everything.

MOST UNIQUE

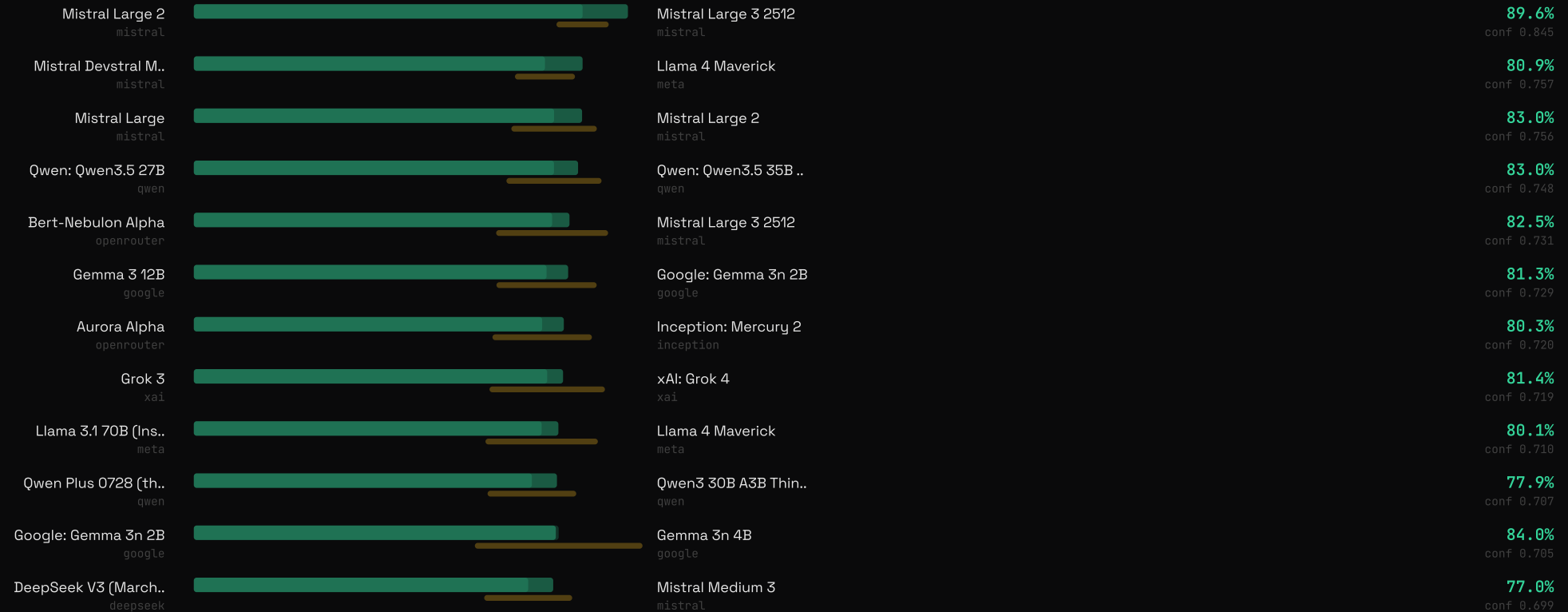


MOST GENERIC



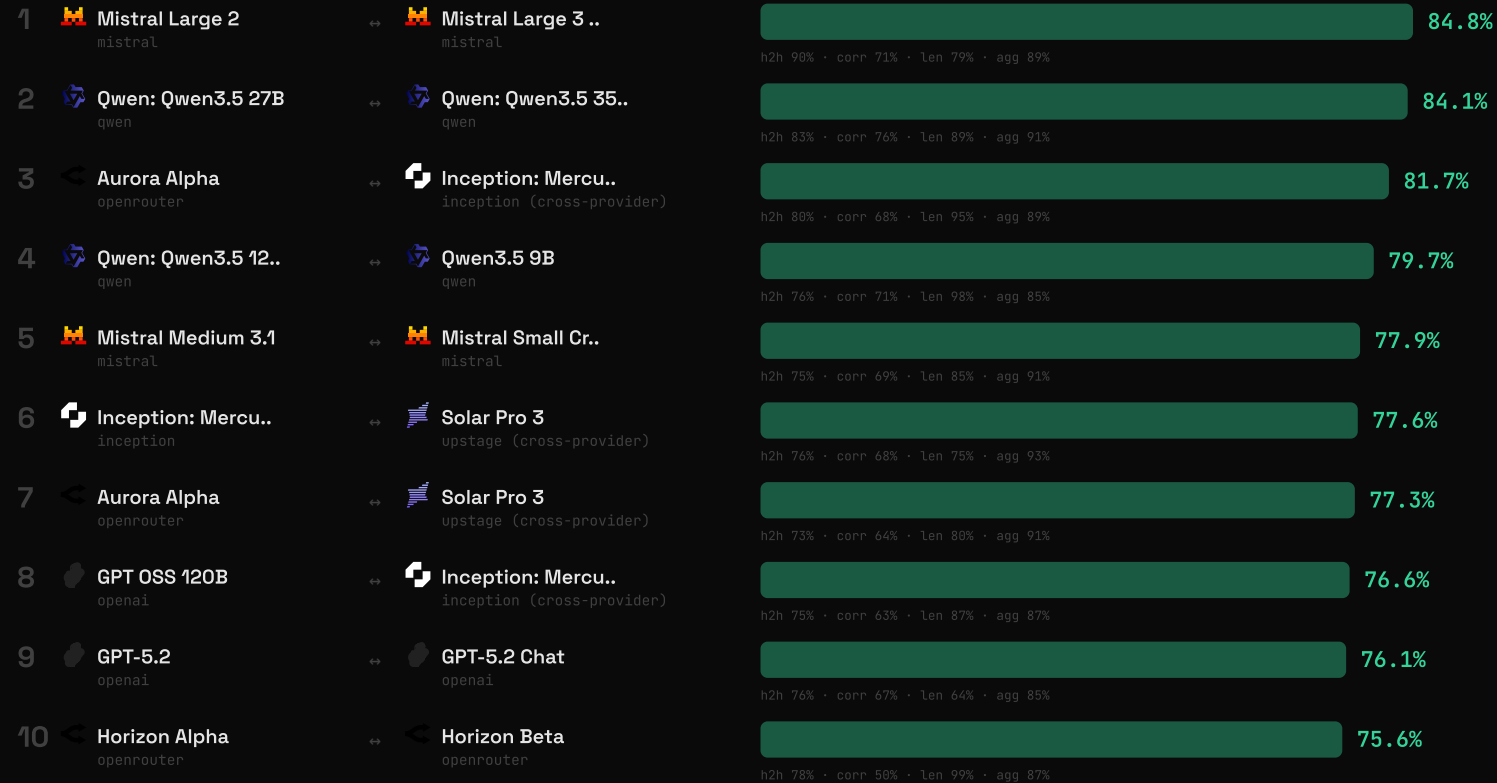
Verified clones: same prompt, same writing

Compared on the exact same prompts. Green = avg similarity. Yellow = variance across prompts.



The definitive clone ranking

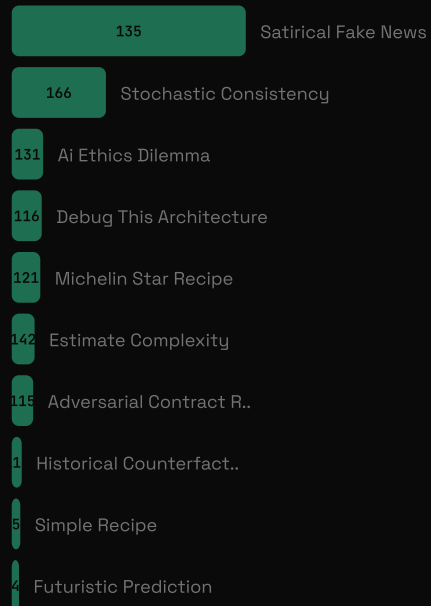
Five independent signals combined: head-to-head similarity, feature correlation, length correlation, consistency, and aggregate match. A high composite score means near-certain clone.



Which prompts make all models write the same?

Convergent prompts (green) make all models write similarly. Divergent prompts (red) reveal individuality.

MOST CONVERGENT



MOST DIVERGENT



Who writes the same way every time?

Coefficient of variation across responses. Low = predictable. High = style shifts with the prompt.

MOST CONSISTENT



MOST VARIABLE



How we built this

Data

3,095 text responses across 178 models and 43 standardized prompts.

Normalization

Z-score normalization across all models prevents high-magnitude features from dominating similarity scores.

Head-to-head

Per-challenge similarity for top pairs. Confidence = $\text{avg} / (1 + \text{stddev})$. Controls for prompt effects.

Features

32-dimension stylometric fingerprint per response: lexical richness, sentence structure, punctuation habits, formatting, discourse patterns.

Similarity

Cosine similarity on normalized 32D vectors. Clone threshold: 0.90. Price arbitrage threshold: 0.75.

Provider DNA

Distinctiveness = $\text{intra-provider similarity} / \text{inter-provider similarity}$. Values > 1 = detectable house style.

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