

## Multimodal Bahamas score



### Overview

Quick answer: Gemma 4 is Google DeepMind's most capable open AI model family, released April 2, 2026 under the Apache 2. It comes in 4 sizes: E2B (2B params, for phones), E4B (4B, for edge), 26B MoE (3. Standardized benchmark results for 16 leading AI models across 8 widely recognised evaluation suites. 57 academic subjects from elementary to graduate level. Models such as DALL-E and Stable Diffusion have become increasingly popular and successful at creating images from texts, often combining abstract ideas. However, like other deep. [2025. 16] We have released ground truth answers for all questions in MULTI as human expert baseline was surpassed by several models. Now you can run evaluation and get the final scores locally. 28] MULTI is now available online at <https://doi. 22>. SWE-agent-LM-32B, the open-weight SotA (4/2025) on Verified, trained on synthetic data generated by SWE-smith. 2%. Estimates at 50,000 req/day · 1000 tokens/req average. It also ranks #6 out of 23 on the verified leaderboard.



## Article Content

Multimodal Composite Association Score: Measuring Gender Bias in ...

In this paper, we propose Multimodal Composite Association Score (MCAS) as a new method of measuring gender bias in multimodal generative models.

Gemma 4 by Google: Specs, Benchmarks, Model Sizes, and

The 31B scores 85.2% on MMLU Pro, 89.2% on AIME 2026, and ranks #3 on Arena AI. All models support multimodal input (text, image, video, audio on smaller models), 256K token context, ...

Multimodal Learning: Definition, Benefits, Types, and Strategies

Discover the essentials of multimodal learning, the most popular strategies you can incorporate, and see how to launch it at your organization.

MULTI-Benchmark: Multimodal Understanding Leaderboard

Overview Overview News How can I early access MULTI Citation Contact Us We introduce MULTI: a multi-level, multi-disciplinary, and multi-type cross-modal test benchmark, aimed at evaluating the extreme performance of multimodal models. We manually selected 500 questions to form a difficult subset, which is used to evaluate the model's extreme performance. These questions often contain multiple images and formulas, test the model's comprehensive understanding of multiple images, and require complex and rigorous logical reasoning. We tested on GPT-3.5 and open-source multimodal large models, and the results show that based on v0.3.0-20231115 version of the data, tested on SC/MC/FIB three question types. See more on github Springer

Measuring Bias in Multimodal Models: Multimodal Composite ...

In this paper, we propose Multimodal Composite Association Score (MCAS) as a new method of measuring bias in multimodal generative models and using this method, uncover gender bias in ...

MULTIMODAL | English meaning

MULTIMODAL definition: 1. involving several ways of operating or dealing with something; 2. involving several ways of.... Learn more.

MULTIMODAL Definition & Meaning

The meaning of MULTIMODAL is having or involving several modes, modalities, or maxima. How to use multimodal in a sentence.

MMMU: A Massive Multi-discipline Multimodal ...

We introduce MMMU: a new benchmark designed to evaluate multimodal models on massive multi-discipline tasks demanding college-level subject knowledge and ...

MMMU: A Massive Multi-discipline Multimodal Understanding and ...

We introduce MMMU: a new benchmark designed to evaluate multimodal models on massive multi-discipline tasks demanding college-level subject knowledge and deliberate reasoning.

SWE-bench Leaderboards

SWE-bench Lite is a subset curated for less costly evaluation . SWE-bench Multimodal features issues with visual elements . Each entry reports the % Resolved metric, the percentage of ...

What is multimodal AI?

What is multimodal AI? Multimodal AI refers to machine learning models capable of processing and integrating information from multiple modalities or types of data. These modalities can include text, ...

LLM Benchmark Scores 2026 — MMLU, HumanEval, MATH & More

LLM Benchmark Scores 2026 — MMLU, HumanEval, MATH & More Standardized benchmark results for 16 leading AI models across 8 widely recognised evaluation suites. Scores are sourced from ...

MULTI-Benchmark: Multimodal Understanding Leaderboard ...

The rapid development of multimodal large language models (MLLMs) raises the question of how they compare to human performance. While existing datasets often feature synthetic ...

Multimodal Composite Association Score: Measuring ...

In this paper, we propose Multimodal Composite Association Score (MCAS) as a new method of measuring gender bias in multimodal generative ...

What is Multimodal Learning? | Discovery Education

When teachers ask, "What is multimodal learning?", the simple answer is that students learn best when they experience ideas in a variety of ways and have more than one way to show ...

Advances in Bias and Fairness in Information Retrieval

MCAS as a whole provides a comprehensive score for quantifying bias in multimodal models. The methodology can be extended to other models using different modalities or using different internal ...

Multimodal Composite Association Score: Measuring Gender Bias in ...

Thus the emergence of multistage multimodal models requires a different approach. In this paper, we propose Multimodal Composite Association Score (MCAS) as a new method of ...

## What Is Multimodal Learning? | Articulate

This approach is often called multimodal learning or multimodal instruction: presenting ideas in more than one way to give learners options to practice and demonstrate understanding.

### Multimodal learning

Multimodal learning is a type of deep learning that integrates and processes multiple types of data, referred to as modalities, such as text, audio, images, or video.

### 35 Multimodal Learning Strategies and Examples

Since the multimodal learning style involves a combination of learning modalities, multimodal learning strategies require strategies from each style. Multimodal learning incorporates ...

### What is multimodal literacy?

“Multimodal literacy” means that two or more means or types of communication are being used and aims to utilize multiple senses or modalities during the learning process.

### Measuring Bias in Multimodal Models: Multimodal Composite Association Score

In this paper, we propose Multimodal Composite Association Score (MCAS) as a new method of measuring bias in multimodal generative models and using this method, uncover gender bias in ...

### Kimi K2.6 Benchmarks 2026: Scores, Rankings & Performance

Is Kimi K2.6 good for multimodal and grounded tasks? Kimi K2.6 ranks #26 out of 115 models in multimodal and grounded tasks benchmarks with an average score of 68.1.

### Multimodal

Being Multimodal means that when learning, you prefer to use two or more of the four VARK modalities - VISUAL (V), AURAL (A), READ/WRITE (R), and KINESTHETIC (K) - rather than preferring a ...

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