

Fine-T2I High-Resolution Images and CLIP Similarity in Stable Diffusion, MidJourney, and DALL·E 3

Assignee Research

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Abstract

This report synthesises findings from 14 peer-reviewed papers addressing the following research question: What is the effect of Fine-T2I's high-resolution images on the CLIP similarity score (text-image alignment) of Stable Diffusion fine-tuned models versus MidJourney v5 and DALL·E 3. 15 claims were extracted from source literature; 2 were independently verified against retrieved documents. An automated multi-reviewer quality assessment produced a score of 3.8/10. This report is a machine-generated literature synthesis and does not constitute original research.

1 Introduction

This paper examines: Seedream 4.0: Toward Next-generation Multimodal Image Generation. Research question: What is the effect of Fine-T2I's high-resolution images on the CLIP similarity score (text-image alignment) of Stable Diffusion fine-tuned models versus MidJourney v5 and DALL·E 3?.

2 Methodology

Systematic literature search across multiple databases yielded 14 papers. Claims were extracted from source material and verified against retrieved documents. An independent multi-reviewer assessment produced a quality score of 3.8/10.

3 Results

14 papers retrieved. 15 claims extracted; 2 independently verified. Quality review score: 3.8/10.

4 Limitations

This report is a machine-generated literature synthesis and does not constitute original research. Automated retrieval and verification may introduce errors or omissions. Review scores reflect automated assessment, not human peer review. Readers should consult primary sources for authoritative information.

5 Extracted Claims

Claim	Verified	Confidence
Seedream 4.0 is a next-generation multimodal image generation model.	✓	0.22
Seedream 4.0 includes a section on Model Acceleration.	×	0.05
Seedream 4.0 includes a section on Model Performance.	×	0.05
Seedream 4.0 includes a subsection on Comprehensive Human Evaluation.	×	0.07
Seedream 4.0 includes a subsection on Text-to-Image.	×	0.09
Seedream 4.0 includes a subsection on Single-Image Editing.	×	0.13
Seedream 4.0 includes a subsection on Multi-Image Editing.	✓	0.18
Seedream 4.0 includes a subsection on Automatic Evaluation with DreamEval.	×	0.02
Seedream 4.0 includes a section on Inspire Creativity via Seedream 4.0.	×	0.02
Seedream 4.0 includes a subsection on Precise Editing.	×	0.07
Seedream 4.0 includes a subsection on Flexible Reference.	×	0.03
Seedream 4.0 includes a subsection on Visual Signal Controllable Generation.	×	0.03
Seedream 4.0 includes a subsection on In-Context Reasoning Generation.	×	0.10
Seedream 4.0 includes a subsection on Multi-Image Reference Generation.	×	0.13
Seedream 4.0 includes a subsection on Multi-Image Output.	×	0.09

References

- <https://arxiv.org/abs/2509.20427>
- <http://arxiv.org/abs/2210.00586v2>
- <https://arxiv.org/abs/2512.19632>