

VQualA 2025 Challenge on Visual Quality Comparison for Large Multimodal Models: Methods and Results

-Supplementary Materials-

Hanwei Zhu[†] Haoning Wu[†] Zicheng Zhang[†] Lingyu Zhu[†] Yixuan Li[†]
 Peilin Chen[†] Shiqi Wang[†] Chris Wei Zhou[†] Linhan Cao Wei Sun
 Xiangyang Zhu Weixia Zhang Yucheng Zhu Jing Liu Dandan Zhu
 Guangtao Zhai Xiongkuo Min Zhichao Zhang Xinyue Li Shubo Xu Anh Dao
 Yifan Li Hongyuan Yu Jiaojiao Yi Yiding Tian Yupeng Wu Feiran Sun
 Lijuan Liao Song Jiang

Organizers

Title: VQualA 2025 Challenge on Visual Quality Comparison for Large Multimodal Models: Methods and Results

Members:

Hanwei Zhu¹ (hanwei.zhu@ntu.edu.sg),
 Haoning Wu² (haoning001@e.ntu.edu.sg),
 Zicheng Zhang³ (zzc1998@sjtu.edu.cn),
 Lingyu Zhu⁴ (lingyuzhu-c@my.cityu.edu.hk),
 Yixuan Li⁴ (yixuanli423@gmail.com),
 Peilin Chen⁴ (plchen3@cityu.edu.hk),
 Shiqi Wang⁴ (shiqiwan@cityu.edu.hk),
 Chris Wei Zhou⁵ (zhouw26@cardiff.ac.uk),

Affiliations:

- ¹ Nanyang Technological University
- ² Moonshot AI
- ³ Shanghai Jiao Tong University
- ⁴ City University of Hong Kong
- ⁵ Cardiff University

ECNU-SJTU VQA Team

Title: Fine-Grained Visual Quality Comparison via Ensemble Voting of Large Multimodal Models

Members: Linhan Cao¹ (caolinhan@sjtu.edu.cn), Wei Sun², Xiangyang Zhu³, Weixia Zhang¹, Yucheng Zhu¹, Jing Liu⁴, Dandan Zhu², Guangtao Zhai¹, Xiongkuo Min¹

Affiliations:

- ¹ Shanghai Jiao Tong University
- ² East China Normal University

[†]Hanwei Zhu, Haoning Wu, Zicheng Zhang, Lingyu Zhu, Yixuan Li, Peilin Chen, Shiqi Wang, and Chris Wei Zhou are the challenge organizers. (Corresponding authors: Shiqi Wang (shiqiwan@cityu.edu.hk)).

The other authors are participants of the VQualA 2025 Challenge on Visual Quality Comparison for Large Multimodal Models.

³ Shanghai Artificial Intelligence Laboratory

⁴ Tianjin University

Digital Ocean

Title: Joint Optimization of Visual Quality Comparison through Multi-modal Large Language Model

Members: Zhichao Zhang¹ (liquortect@sjtu.edu.cn), Xinyue Li¹, Shubo Xu²

Affiliations:

- ¹ Shanghai Jiao Tong University
- ² Baidu Inc.

ActionLab

Title: Two-Stage Fine-Tuning of QwenVL2.5-7B for Open-Ended Visual Quality Comparison

Members: Anh Dao (anhdao@msu.edu), Yifan Li

Affiliations:

Michigan State University

XiaomiMM

Title: Enhancing Multi-Image Reasoning Abilities of Large Multi-modal Models via Auxiliary Visual Scoring

Members: Hongyuan Yu¹ (yuhyuan1995@gmail.com), Jiaojiao Yi¹, Yiding Tian², Yupeng Wu³, Feiran Sun¹, Yuhui Wu¹

Affiliations:

- ¹ Multimedia Department, Xiaomi Inc.
- ² Xiamen University
- ³ Institute of Automation, Chinese Academy of Sciences

Labubu

Title: Exploring MLLM in Fine-Grained Visual Quality Comparison with Quality Token

Members: Lijuan Jiao (lijuan.jiao@samsung.com), Song Jiang

Affiliations:

Samsung R&D Institute China Xi'an