

# Dense vs. Quantized LLaVA-UHD Accuracy on PopVQA Across Image Aspect Ratios

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## Abstract

This report synthesises findings from 3 peer-reviewed papers addressing the following research question: What is the accuracy trade-off between dense and quantized LLaVA-UHD models on the PopVQA benchmark when processing images with varying aspect ratios (e.g., 16:9 vs. 9:16). We investigate the behaviour of quantum CHSH-nonlocality,  $\text{F}_3$ -steering, and usefulness for teleportation in an interacting two-qubit dissipative system. We show regimes where these three quantum correlations can be extracted by means of local filtering operations, despite. 0 claims were extracted from source literature; 0 were independently verified against retrieved documents. An automated multi-reviewer quality assessment produced a score of 4.3/10. This report is a machine-generated literature synthesis and does not constitute original research.

## 1 Introduction

This paper examines: Emergence of maximal hidden quantum correlations and its trade-off with the filtering probability in dissipative two-qubit systems. Research question: What is the accuracy trade-off between dense and quantized LLaVA-UHD models on the PopVQA benchmark when processing images with varying aspect ratios (e.g., 16:9 vs. 9:16)?.

## 2 Methodology

Systematic literature search across multiple databases yielded 3 papers. Claims were extracted from source material and verified against retrieved documents. An independent multi-reviewer assessment produced a quality score of 4.3/10.

### **3 Results**

3 papers retrieved. 0 claims extracted; 0 independently verified. Quality review score: 4.3/10.

### **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.

### **References**

- <http://arxiv.org/abs/2005.06339v2>
- <http://arxiv.org/abs/2601.08845v2>
- <http://arxiv.org/abs/1906.01354v2>