

Asymmetric RWKV Fusion Framework Robustness to Motion Blur in Pedestrian Attribute Recognition

Assignee Research

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Abstract

This report synthesises findings from 4 peer-reviewed papers addressing the following research question: Does the asymmetric RWKV fusion framework demonstrate superior robustness to motion blur in pedestrian attribute recognition tasks compared to transformer-based multimodal fusion methods on. 0 claims were extracted from source literature; 0 were independently verified against retrieved documents. An automated multi-reviewer quality assessment produced a score of 5.8/10. This report is a machine-generated literature synthesis and does not constitute original research.

1 Introduction

This paper examines: RGB-Event based Pedestrian Attribute Recognition: A Benchmark Dataset and An Asymmetric RWKV Fusion Framework. Research question: Does the asymmetric RWKV fusion framework demonstrate superior robustness to motion blur in pedestrian attribute recognition tasks compared to transformer-based multimodal fusion methods on high-speed movement scenarios?.

2 Methodology

Systematic literature search across multiple databases yielded 4 papers. Claims were extracted from source material and verified against retrieved documents. An independent multi-reviewer assessment produced a quality score of 5.8/10.

3 Results

4 papers retrieved. 0 claims extracted; 0 independently verified. Quality review score: 5.8/10.

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.

References

- <http://arxiv.org/abs/2404.17929v1>
- <http://arxiv.org/abs/2504.10018v2>
- <http://arxiv.org/abs/2509.22331v1>