Summary of Changes Since Last Submission

This document provides an anonymized, academic description of all substantive modifications made to the manuscript since the previous ARR review cycle.

1. <u>Experiments</u>

1.1 AgentChart MLLM Variation

- Tested our method AgentChart with alternative Multi Modal Large Language Models (Gemini 2.0 flash) to evaluate sensitivity to the underlying model.

1.2 Cost and Latency Profiling

- Added total token count ,cost in USD and compute report per-chart call.
- Measured end-to-end response time (latency) for each model.

1.3 Iterative Process Tracking

- Logged the number of iterative correction steps (agent cycles) applied per chart to analyze convergence behaviour.

2. <u>Ablation Study</u>

2.1 Quadrant Configuration Study

- Evaluated the Zoom Tool's performance with varying grid splits:2×2 (4 quadrants), 3×3 (9 quadrants), and 4×4 (16 quadrants).

2.2 Single-Image Baseline

- Added a baseline experiment using only the original full-resolution image to quantify the benefit of iterative zooming.

2.3 Expanded Reasoning Model Suite

- Integrated additional large reasoning models (Gemini 2.5 flash, Claude sonnet 3.7) into our evaluation pipeline.

2.4 Zoom Tool Detailed Discussion

- Expanded the methodology section with justification for the default 2×2 grid selection and stopping criteria, supported by empirical ablation results.

3. Paper Format

3.1 Terminology and Table Corrections

- Standardized agent nomenclature throughout the text and corrected all instances of misnamed models.
- Revised all result tables to ensure consistent rounding, precise model identifiers, and uniform formatting.