Summary of Peer Review for "A New Era of Scientific Discourse: Transparent, AI-Augmented Peer Review for Rapid and Unbiased Scholarly Publishing"

The manuscript presents a **highly original, significant, and data-validated** model for an AI-augmented peer-review system, as implemented by the Scottish Science Society. It is well-structured, clearly written, and provides compelling empirical evidence to support its claims.

Key Findings and Strengths

The empirical data demonstrates the system's success in addressing the core crises of traditional peer review:

- **Optimised Celerity (Speed):** The model drastically reduces publication timelines. The **mean time from submission to first decision was 2.8 hours**. The **mean time-to-publication** for accepted manuscripts was only **5.2 days** , representing a reduction of over 98% compared to many traditional journals.
- **Engineered Objectivity (Reliability):** By using an ensemble of three distinct Large Language Models (LLM-A: GPT-4 class, LLM-B: Claude 3 class, LLM-C: Gemini 1.5 class) , the system achieved a high degree of consensus. A final decision was reached automatically in **94.7% of cases** (71 out of 75 submissions).
- **Complete Accessibility (Equity):** The model operates on a **zero-cost, diamond open access** basis, with **no Article Processing Charges (APCs)** or subscription fees, directly addressing the economic barriers of scholarly publishing.
- **Readership and Engagement:** The model generated significant community interest, amassing **40,000 unique article views** across 68 published articles in its first year, demonstrating that its content is perceived as valuable.

Required Revisions (Minor)

The following minor points are requested for enhancement:

1. **Introduction Refinement:** Briefly state the system's **diamond open access/zero-cost model** in the Introduction to directly link the solution to the discussed problem of prohibitive APCs.
2. **Consensus Clarity:** Explicitly state the implied decision rule in the Methodology: that a **2/3 majority (two matching verdicts)** from the three LLMs is required for an immediate automated final decision.
3. **Readership Metric:** Briefly calculate and state the **average views per article** (approx. 588 views/article) to further quantify community engagement.
4. **Discussion Point:** Briefly suggest how the publicly published AI reviews can serve as a foundation or starting point for **human post-publication review (PPR)**, further emphasizing the human-AI augmentation synergy.