Scientific Writing Automated Rubric & Diff Report Workflow

Evaluation Area	Detailed Criteria	Score (0~5)	Comments
Sentence Structure	• Actions in verbs • Characters as subjects • Keep subject–verb close		
Cohesion/Coherence/Emphasis	• Old-New information flow • Strategic passive use • Paragraph first/last sentence match		
Concision	• Remove unnecessary words • Use simple words • Simple subjects • Limit adjectives/adverbs		
Paper Structure	• One-message principle • CCC structure • Avoid zig-zag • Maintain parallelism		
Abstract	• Information density & specifics • Novelty/importance keywords • Hedge balance		
Revision	• Remove nominalizations • Check Old/New • Apply external feedback		

Diff Report Template

The LLM outputs side-by-side original and revised sentences, with a brief reason for each change.

Before	After	Reason for Change
Original sentence here.	Revised sentence here.	Nominalization removed, made verb ac
...	...	...

■ Usage Example

1. Input the manuscript to the LLM and instruct it to revise according to the prompt card. 2. The LLM outputs each sentence in [Before]→[After] format with a reason. 3. Copy into the table above for organization before submission review. 4. Use the rubric table to score overall quality.