Dataset Construction → Methods → Results

Dataset Construction

12 Journals

Literature

Scientific abstract ↔ **Plain language summary**

CELLS dataset
63k pairs

Methods

BART large model

Pre-trained model

PubMed

Definition-based retrieval

UMLS

Embedding-based retrieval

Article

Results

Retrieval-augmented generation

Improves quality

Improves simplicity
EASY

Maintains factual correctness
FACTS