**Corrective RAG (CRAG)** was recently proposed in the Corrective Retrieval Augmented Generation paper and it improves the robustness of RAG systems.   
  
CRAG uses T5 to calculate the relevance score of retrieved documents. The score relevance scores have three values:  
  
✅ Correct: If the score is 𝐜𝐨𝐫𝐫𝐞𝐜𝐭 the retrieved documents are decomposed, filtered, and recomposed by relevance.  
  
✅ Incorrect: If the score is 𝐢𝐧𝐜𝐨𝐫𝐫𝐞𝐜𝐭 the retrieved documents are discarded and a web search is executed to get more results.  
  
✅ Ambiguous: If the score is 𝐚𝐦𝐛𝐢𝐠𝐮𝐨𝐮𝐬 the actions from 𝐜𝐨𝐫𝐫𝐞𝐜𝐭 and 𝐢𝐧𝐜𝐨𝐫𝐫𝐞𝐜𝐭 are executed and then combined.  
  
On PopQA accuracy, CRAG beat vanilla RAG by 2.1% and Self-RAG by 10.8%. When combined with Self-RAG, CRAG beat vanilla RAG by 11.3% and Self-RAG by 20%.  
  
Paper: <https://lnkd.in/dj3wX5SR>

A diagram of a diagram

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