Embedding Model	Text-embedding-3-large (Dimension 1024)										
LLM	GPT 3.5 Turbo 0125										
Retrieval	Dense Retriev	val			Sparse Retrieval		Hybrid Search				
Metric / Chunking Strategy	Context Relevancy	Context Recall	Answer Relevancy	Answer Correctness	Context Relevancy	Context Recall	Context Relevancy	Context Recall			
Per abstract embedding	0.25	0.91	0.1676/ 0.93	0.70	0.18	0.85	0.26	0.91			

Embedding Model	Voyage-2-large (Dimension 1536)											
LLM	GPT 3.5 Turbo 0125											
Retrieval	Dense Retriev	val			Sparse Retrieval		Hybrid Search					
Metric /	Context	Context	Answer	Answer	Context	Context	Context	Context				
Chunking Strategy	Relevancy	Recall	Relevancy	Correctness	Relevancy	Recall	Relevancy	Recall				
Per abstract embedding	0.32	0.9	0.97	0.74	0.18	0.85	0.24	0.88				

<sup>→</sup> Evaluated on 20 Question-Groundtruth pairs with GPT-3.5-Turbo-0125 as Critique