Visual Document Retrieval: All Models Comparison

Average score is calculated across:
ViDoRe v1 Benchmark (NDCG@5)

ViDoRe v1 Score (NDCG@5) (y-axis)

Parameters (B) (x-axis)

Data points:
- **SauerkrautLM-ColQwen3-8b**
- llama-nemoretriever-colembed-3b-v1
- EvoQwen2.5-VL-Retriever-3B
- **SauerkrautLM-ColQwen3-4b**
- tomoro-colqwen3-embed-4b
- EvoQwen2.5-VL-Retriever-7B
- tomoro-colqwen3-embed-8b
- llama-nemoretriever-colembed-1b-v1
- **SauerkrautLM-ColQwen3-2b**
- jina-embeddings-v4
- colnomic-embed-multimodal-3b
- colnomic-embed-multimodal-7b
- colqwen2-v1.0
- **SauerkrautLM-ColQwen3-1.7b-Turbo**
- colpali-v1.3
- eager-embed-v1
- **SauerkrautLM-ColLFM2-450M**
- colpali-v1.2
- colSmol-500M
- colpali-v1.1
- colSmol-256M

Legend:
- Our Models (mteb)
- Other Models (mteb)