

	Max Length	Avg	ar	de	en	es	fr	hi	it	ja	ko	pt	ru	th	zh
BM25	8192	53.6	45.1	52.6	57.0	78.0	75.7	43.7	70.9	36.2	25.7	82.6	61.3	33.6	34.6
mE5 _{large}	512	34.2	33.0	26.9	33.0	51.1	49.5	21.0	43.1	29.9	27.1	58.7	42.4	15.9	13.2
mE5 _{base}	512	30.5	29.6	26.3	29.2	45.2	46.7	19.0	40.9	24.9	20.9	50.8	37.8	12.2	12.8
E5 _{mistral-7b}	8192	42.6	29.6	40.6	43.3	70.2	60.5	23.2	55.3	41.6	32.7	69.5	52.4	18.2	16.8
BGE-m3-Dense	8192	52.5	47.6	46.1	48.9	74.8	73.8	40.7	62.7	50.9	42.9	74.4	59.5	33.6	26.0
BGE-m3-Sparse	8192	62.2	58.7	53.0	62.1	87.4	82.7	49.6	74.7	53.9	47.9	85.2	72.9	40.3	40.5
BGE-m3-Dense+Sparse	8192	64.8	63.0	56.4	64.2	88.7	84.2	52.3	75.8	58.5	53.1	86.0	75.6	42.9	42.0
gte-multilingual-base Dense	8192	56.6	55.0	54.9	51.0	81.2	76.2	45.2	66.7	52.1	46.7	79.1	64.2	35.3	27.4
gte-multilingual-base Sparse	8192	71.0	74.3	66.2	66.4	93.6	88.4	61.0	82.2	66.2	64.2	89.9	82.0	47.4	41.8
gte-multilingual-base Dense+Sparse	8192	71.3	74.6	66.6	66.5	93.6	88.6	61.6	83.0	66.7	64.6	89.8	82.1	47.7	41.4
+ gte-multilingual-reranker-base	8192	73.8	76.6	70.4	69.3	96.4	89.6	67.8	81.9	68.1	71.1	90.2	86.1	46.7	44.8