# Retrieval Task Results

## Results for medwiki

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Model | Average Rank | Top 0.2% | Top 0.5% | Top 0.8% | Top 1 | Top 2 | Top 3 | Top 4 | Top 5 | Top 10 | Top 20 |
| minilm | 1316.80 | 29.83% | 38.25% | 42.93% | 11.32% | 14.97% | 17.21% | 18.85% | 20.18% | 24.75% | 29.83% |
| mpnet | 3145.83 | 26.38% | 33.37% | 37.21% | 8.21% | 11.34% | 13.45% | 15.28% | 16.56% | 21.50% | 26.38% |
| dpr | 2768.62 | 37.79% | 44.99% | 48.11% | 10.64% | 15.78% | 19.21% | 22.14% | 24.41% | 31.34% | 37.79% |
| contriever | 1550.97 | 53.08% | 62.96% | 66.85% | 15.49% | 22.67% | 27.60% | 31.26% | 34.24% | 43.67% | 53.08% |
| bge | 861.69 | 63.21% | 72.04% | 75.38% | 25.69% | 34.82% | 39.95% | 43.74% | 46.49% | 54.65% | 63.21% |
| e5 | 963.57 | 64.16% | 72.57% | 75.53% | 27.75% | 35.99% | 41.09% | 44.70% | 47.44% | 56.41% | 64.16% |
| gte | 885.68 | 67.57% | 75.71% | 78.50% | 29.81% | 38.90% | 44.18% | 47.54% | 50.46% | 59.37% | 67.57% |
| contriever\_msmarco | 1408.93 | 60.01% | 68.22% | 71.67% | 25.33% | 32.49% | 37.53% | 41.03% | 43.58% | 52.11% | 60.01% |
| dragon\_plus | 1473.67 | 57.28% | 65.58% | 69.02% | 24.15% | 31.55% | 36.21% | 39.65% | 42.12% | 49.64% | 57.28% |
| dragon\_plus\_self\_rag | 1473.64 | 57.28% | 65.58% | 69.02% | 23.85% | 31.89% | 36.87% | 40.40% | 42.86% | 49.64% | 57.28% |

## Results for medquad

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Model | Average Rank | Top 0.2% | Top 0.5% | Top 0.8% | Top 1 | Top 2 | Top 3 | Top 4 | Top 5 | Top 10 | Top 20 |
| minilm | 613.23 | 37.49% | 48.03% | 53.38% | 9.43% | 13.32% | 15.80% | 17.74% | 19.25% | 25.43% | 32.38% |
| mpnet | 1868.70 | 35.27% | 45.07% | 49.63% | 8.49% | 12.06% | 14.57% | 16.43% | 18.07% | 23.53% | 30.19% |
| dpr | 1538.13 | 56.48% | 64.27% | 67.82% | 15.74% | 23.72% | 29.23% | 33.18% | 36.06% | 44.65% | 51.98% |
| contriever | 455.74 | 76.24% | 84.16% | 86.90% | 19.56% | 29.69% | 36.98% | 42.80% | 47.33% | 59.49% | 70.13% |
| bge | 130.43 | 89.12% | 92.95% | 94.32% | 40.37% | 54.93% | 62.91% | 68.19% | 71.42% | 79.96% | 85.83% |
| e5 | 121.00 | 90.72% | 94.09% | 95.26% | 47.83% | 61.99% | 68.82% | 73.40% | 76.13% | 82.98% | 88.13% |
| gte | 82.60 | 92.08% | 95.26% | 96.24% | 48.99% | 63.71% | 71.37% | 76.06% | 78.92% | 85.73% | 89.71% |
| contriever\_msmarco | 232.64 | 87.74% | 91.59% | 92.79% | 40.85% | 55.25% | 63.33% | 68.44% | 71.71% | 79.49% | 84.98% |
| dragon\_plus | 252.05 | 86.43% | 90.44% | 92.13% | 39.20% | 53.02% | 60.81% | 65.72% | 69.02% | 77.20% | 83.28% |
| dragon\_plus\_self\_rag | 252.15 | 86.43% | 90.44% | 92.13% | 38.61% | 52.49% | 59.90% | 64.69% | 67.61% | 77.20% | 83.28% |