|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **accuracy@1** | **accuracy@3** | **accuracy@5** | **accuracy@10** | **map@100** | **mrr@10** | **ndcg@10** | **precision@1** | **precision@3** | **precision@5** | **precision@10** | **recall@1** | **recall@3** | **recall@5** | **recall@10** |
| **AITeamVN/Vietnamese\_Embedding** | **0.87952** | **0.96134** | **0.97985** | **0.98848** | **0.91874** | **0.92276** | **0.93584** | **0.87952** | **0.32538** | **0.19975** | **0.10102** | **0.867667** | **0.954701** | **0.97505** | **0.98485** |
| **hiieu/halong\_embedding** | **0.706003** | **0.85361** | **0.89555** | **0.92804** | **0.783671** | **0.786088** | **0.817068** | **0.70600** | **0.28824** | **0.18190** | **0.094407** | **0.69613** | **0.847176** | **0.889597** | **0.92256** |
| **dangvantuan/vietnamese-document-embedding** | **0.69531** | 0.84251 | **0.88363** | 0.92639 | **0.77377** | **0.77694** | **0.80878** | **0.69531** | **0.28412** | **0.17935** | **0.09420** | **0.68496** | **0.83511** | **0.87760** | **0.92036** |
| **bkai-foundation-models/vietnamese-bi-encoder** | **0.69284** | **0.82072** | **0.86184** | **0.89925** | **0.76323** | **0.76511** | **0.79395** | **0.69284** | **0.27631** | **0.17483** | **0.09152** | **0.68407** | **0.81339** | **0.85546** | **0.89377** |
| **VoVanPhuc/sup-SimCSE-VietNamese-phobert-base** | **0.38034** | **0.54111** | **0.61554** | **0.69243** | **0.48249** | **0.47870** | **0.52666** | **0.38034** | **0.18092** | **0.12376** | **0.06986** | **0.37595** | **0.53556** | **0.60910** | **0.68681** |

**Zalo-legel-retrival-wseg**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **accuracy@1** | **accuracy@3** | **accuracy@5** | **accuracy@10** | **map@100** | **mrr@10** | **ndcg@10** | **precision@1** | **precision@3** | **precision@5** | **precision@10** | **recall@1** | **recall@3** | **recall@5** | **recall@10** |
| **AITeamVN/Vietnamese\_Embedding** | **0.87952** | **0.96134** | **0.97985** | **0.98848** | **0.91874** | **0.92276** | **0.93584** | **0.87952** | **0.32538** | **0.19975** | **0.10102** | **0.867667** | **0.954701** | **0.97505** | **0.98485** |
| **hiieu/halong\_embedding** | **0.706003** | **0.85361** | **0.89555** | **0.92804** | **0.783671** | **0.786088** | **0.817068** | **0.70600** | **0.28824** | **0.18190** | **0.094407** | **0.69613** | **0.847176** | **0.889597** | **0.92256** |
| **dangvantuan/vietnamese-document-embedding** | **0.69531** | 0.84251 | **0.88363** | 0.92639 | **0.77377** | **0.77694** | **0.80878** | **0.69531** | **0.28412** | **0.17935** | **0.09420** | **0.68496** | **0.83511** | **0.87760** | **0.92036** |
| **bkai-foundation-models/vietnamese-bi-encoder** | **0.69284** | **0.82072** | **0.86184** | **0.89925** | **0.76323** | **0.76511** | **0.79395** | **0.69284** | **0.27631** | **0.17483** | **0.09152** | **0.68407** | **0.81339** | **0.85546** | **0.89377** |
| **VoVanPhuc/sup-SimCSE-VietNamese-phobert-base** | **0.38034** | **0.54111** | **0.61554** | **0.69243** | **0.48249** | **0.47870** | **0.52666** | **0.38034** | **0.18092** | **0.12376** | **0.06986** | **0.37595** | **0.53556** | **0.60910** | **0.68681** |

**Medical-data-bk**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **accuracy@1** | **accuracy@3** | **accuracy@5** | **accuracy@10** | **map@100** | **mrr@10** | **ndcg@10** | **precision@1** | **precision@3** | **precision@5** | **precision@10** | **recall@1** | **recall@3** | **recall@5** | **recall@10** |
| **AITeamVN/Vietnamese\_Embedding** | **0.42993** | **0.62409** | **0.69412** | **0.76773** | **0.54841** | **0.54221** | **0.59678** | **0.42993** | **0.20803** | **0.13882** | **0.07677** | **0.42993** | **0.62409** | **0.69412** | **0.76773** |
| **dangvantuan/vietnamese-document-embedding** | **0.43578** | **0.62822** | **0.69469** | **0.76130** | **0.55139** | **0.54563** | **0.59794** | **0.43578** | **0.20940** | **0.13893** | **0.07613** | **0.43578** | **0.62822** | **0.69469** | **0.76130** |
| **hiieu/halong\_embedding** | **0.37763** | **0.55365** | **0.62285** | 0.70035 | **0.48879** | **0.48170** | **0.53434** | **0.37763** | **0.18455** | **0.12457** | **0.07003** | **0.37763** | **0.55365** | **0.62285** | **0.70035** |
| **bkai-foundation-models/vietnamese-bi-encoder** | 0.287215 | **0.43694** | **0.50146** | **0.58141** | **0.38691** | **0.37870** | **0.42721** | **0.28721** | **0.14564** | **0.10029** | **0.05814** | **0.28721** | **0.43694** | **0.50146** | **0.58141** |
| **VoVanPhuc/sup-SimCSE-VietNamese-phobert-base** | **0.15702** | **0.27022** | **0.32509** | **0.40055** | **0.23791** | **0.22874** | **0.26955** | **0.15702** | **0.09007** | **0.06501** | **0.04005** | **0.157027** | **0.27022** | **0.32509** | **0.40055** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **accuracy@1** | **accuracy@3** | **accuracy@5** | **accuracy@10** | **map@100** | **mrr@10** | **ndcg@10** | **precision@1** | **precision@3** | **precision@5** | **precision@10** | **recall@1** | **recall@3** | **recall@5** | **recall@10** |
| **AITeamVN/Vietnamese\_Embedding** | **0.87952** | **0.96134** | **0.97985** | **0.98848** | **0.91874** | **0.92276** | **0.93584** | **0.87952** | **0.32538** | **0.19975** | **0.10102** | **0.867667** | **0.954701** | **0.97505** | **0.98485** |
| **hiieu/halong\_embedding** | **0.706003** | **0.85361** | **0.89555** | **0.92804** | **0.783671** | **0.786088** | **0.817068** | **0.70600** | **0.28824** | **0.18190** | **0.094407** | **0.69613** | **0.847176** | **0.889597** | **0.92256** |
| **dangvantuan/vietnamese-document-embedding** | **0.69531** | 0.84251 | **0.88363** | 0.92639 | **0.77377** | **0.77694** | **0.80878** | **0.69531** | **0.28412** | **0.17935** | **0.09420** | **0.68496** | **0.83511** | **0.87760** | **0.92036** |
| **bkai-foundation-models/vietnamese-bi-encoder** | **0.69284** | **0.82072** | **0.86184** | **0.89925** | **0.76323** | **0.76511** | **0.79395** | **0.69284** | **0.27631** | **0.17483** | **0.09152** | **0.68407** | **0.81339** | **0.85546** | **0.89377** |
| **VoVanPhuc/sup-SimCSE-VietNamese-phobert-base** | **0.38034** | **0.54111** | **0.61554** | **0.69243** | **0.48249** | **0.47870** | **0.52666** | **0.38034** | **0.18092** | **0.12376** | **0.06986** | **0.37595** | **0.53556** | **0.60910** | **0.68681** |

**VMTEB-Zalo-legel-retrieval-wseg**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **accuracy@1** | **accuracy@3** | **accuracy@5** | **accuracy@10** | **map@100** | **mrr@10** | **ndcg@10** | **precision@1** | **precision@3** | **precision@5** | **precision@10** | **recall@1** | **recall@3** | **recall@5** | **recall@10** |
| **AITeamVN/Vietnamese\_Embedding** | **0.769170** | **0.96134** | **0.97985** | **0.95618** | **0.91874** | **0.92276** | **0.93584** | **0.87952** | **0.32538** | **0.19975** | **0.10102** | **0.867667** | **0.954701** | **0.97505** | **0.98485** |
| **hiieu/halong\_embedding** | **0.706003** | **0.85361** | **0.89555** | **0.92804** | **0.783671** | **0.786088** | **0.817068** | **0.70600** | **0.28824** | **0.18190** | **0.094407** | **0.69613** | **0.847176** | **0.889597** | **0.92256** |
| **dangvantuan/vietnamese-document-embedding** | **0.69531** | 0.84251 | **0.88363** | 0.92639 | **0.77377** | **0.77694** | **0.80878** | **0.69531** | **0.28412** | **0.17935** | **0.09420** | **0.68496** | **0.83511** | **0.87760** | **0.92036** |
| **bkai-foundation-models/vietnamese-bi-encoder** | **0.69284** | **0.82072** | **0.86184** | **0.89925** | **0.76323** | **0.76511** | **0.79395** | **0.69284** | **0.27631** | **0.17483** | **0.09152** | **0.68407** | **0.81339** | **0.85546** | **0.89377** |
| **VoVanPhuc/sup-SimCSE-VietNamese-phobert-base** | **0.38034** | **0.54111** | **0.61554** | **0.69243** | **0.48249** | **0.47870** | **0.52666** | **0.38034** | **0.18092** | **0.12376** | **0.06986** | **0.37595** | **0.53556** | **0.60910** | **0.68681** |