Giai đoạn 1:

|  |  |  |
| --- | --- | --- |
| Model | Val | Test |
| Bm25 | 0.6139 | 0.6052 |
| Bge |  | 0.668 |
| e5 |  | 0.6576 |
| Bge+e5 |  | 0.6811 |
| Bge+e5+bm25 |  | 0.6396 |
| Bge-bm25 |  | 0.5442 |
| Bge-bm25+e5+bm25 |  | 0.7175 |
| Bge-bm25 + bm25 |  | 0.7348 |

Giai đoạn 2:

|  |  |  |
| --- | --- | --- |
| Model | Val | Test |
| Bge + e5 |  | 0.7746 |
| Bge+e5+bm25 |  |  |
| Bge-bm25+e5+bm25 |  |  |
| Bge-bm25+e5+bm25 |  |  |
| Bge-bm25+bm25 |  |  |