Table for Hyperparameter Selection with Respective Custom Score on Test Data

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| --- | --- | --- |
| Model | Hyperparameter | Average Custom Score |
| LexRank | compression\_ratio: 0.3  similarity\_threshold: 0.15  damping\_factor: 0.85 | 0.46 |
| LSA | n\_components: 24  min\_cluster\_size: 7  min\_samples: 1  top\_k\_ratio: 0.25 | 0.39 |
| SBERT | relevance\_weight: 0.6  diversity\_weight": 0.2  position\_bias: 0.05  similarity\_threshold: 0.25  agg: "first" | 0.86 |