**IR Assignment 3**

**“Word2Vec K-Means Clustering Evaluation”**

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|  | **Top K features** | **Purity** |
| **Baseline 1** | **50** | **0.58** |
| **(TF)** | **100** | **0.5** |
|  | **200** | **0.46** |
|  | **300** | **0.54** |
|  | **400** | **0.58** |
|  | **500** | **0.46** |
|  |  |  |
| **Baseline 2** | **50** | **0.68** |
| **(TFIDF)** | **100** | **0.68** |
|  | **200** | **0.52** |
|  | **300** | **0.6** |
|  | **400** | **0.46** |
|  | **500** | **0.6** |