**Table 2**. Parameters Doc2Vec algorithm

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| Parameters | Value | Description |
| **vector\_size** (*int, optional)* | 300 | Dimensionality of the feature vectors. |
| **alpha** *(float, optional)* | 0,025 | The initial learning rate. |
| **min\_alpha** *(float, optional)* | 0,00025 | Learning rate will linearly drop to *min\_alpha* as training progresses. |
| **workers**(*int, optional*) |  | Use these many worker threads to train the model (=faster training with multicore machines). |
| **min\_count** (*int, optional*) | 3 | Ignores all words with total frequency lower than this. |
| **epochs** (*int, optional*) | 30 | Number of iterations (epochs) over the corpus. |
| **dm** (*{1,0}, optional*) | 1 | Defines the training algorithm. If *dm=1*, ‘distributed memory’ (PV-DM) is used. Otherwise, *distributed bag of words* (PV-DBOW) is employed. |