Table S3 – Optimized parameters for cross-validation experiment.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Model** | **Term frequency normalization (c)** | **Query expansion (k)** | **Classification gain (g)** | **Non key-relevant term expansion loss (l)** | **Key-relevant term weight boost (c)** | **Linear combination coefficient (**α) |
| sibtex-1 | 33 |  |  |  |  |  |
| sibtex-2 | 33 | 25 | 0.01 |  |  |  |
| sibtex-3 | 33 | 25 | 0.01 | 0.05 |  |  |
| sibtex-4 |  |  | 0.02 |  | 1.85 |  |
| sibtex-5 |  |  |  |  |  | 0.7 |