Table S2 – Optimized parameters for official submission.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | 1.00 |  |  |  |  |  |
| sibtex-2 | 0.95 | 10 | 0.10 |  |  |  |
| sibtex-3 | 0.95 | 10 | 0.10 | 0.01 |  |  |
| sibtex-4 |  |  | 0.10 |  | 1 |  |
| sibtex-5 |  |  |  |  |  | 0.5 |