1,999

Words: [0, 1, 2 … 1999]
may correspond to:
[the, a, patient, student, … , squirrel, elephant, … , class]

Words *k*

Topics *j*

0

99 Topics: [0, 1, 2 … 99]
may correspond to:
[medical, animals, … , religion, … , school]

Docs *i*

Produced[*i, j, k*] contains
the number of occurrences
of *word k*,
generated by *topic j*,
contained in *document i*

49

Document:
Bag of Words