

Text Generation with Unigram LM

Unigram LM $p(w|\theta)$

Sampling

Document d

$p(d|\theta)=?$

Topic 1:
Text mining

...
text 0.2
mining 0.1
association 0.01
clustering 0.02
...
food 0.00001
...



Text mining
paper

Topic 2:
Health

...
food 0.25
nutrition 0.1
healthy 0.05
diet 0.02
...



Food nutrition
paper