1. Download the ccLDA package from

https://cmci.colorado.edu/~mpaul/downloads/mftm.php and save it to the same place with the data files:

1. Run the / ccLDA/create\_input4cclda.py to convert the exsiting datasets to proper input for ccLDA
2. Create a \*.py file with the following codes and run it:

**import** os  
**def** cclda(file,iterations,topics,outputfile):  
 os.system(**'javac \*.java'**)  
 os.system(**'java LearnTopicModel -model cclda -input {} -iters {} -Z {}'**.format(file,iterations,topics))  
 output = file + **'.assign'** os.system(**'python topwords\_cclda.py {} > {}'**.format(output,outputfile))  
  
os.system(**'rm \*.class'**)  
cclda(**'input.txt'**,10,10,**'output.txt'**)

1. In the terminal, run:

java LearnTopicModel -model cclda -input input.txt -iters 2000 -Z 20 -gamma0 10 -gamma1 10

1. In the terminal, run:

python topwords\_cclda.py input.txt.assign > output\_topwords.txt