newMultinomialNB

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1 Lab 2 - 2

Algorithm 1 newMultinomialNB-Original

1: **procedure** APPLYMULTINOMIALNB$(c, v, prior, condprob, d)$ ▷ parameters
2:    $W \leftarrow ExtractTermsFromDocuments(v, d)$
     for each c belongs C
     $do\ score[c] \Leftarrow log\ prior[c]$
     for each t belongs W
     $do\ score[c]+ = \Leftarrow log\ condprob[t][c]$
3:    **return** $arg\ max_c ec\ score[c]$ ▷ The gcd is b

Algorithm 2 newMultinomialNB

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