

0.536
Base Naive Bayes Classifier
0.313
0.536

william
am
happy
happy
happy
to-
day”

(1) $S = 1, 1, 3, 1$
0.558

$$A = \frac{\sum f_i}{F}$$

(2) $\frac{F}{A}$
Base Naive Bayes Classifier
NB,Scikit,Stoplist,Smoothing
0.483
<
0.558
0.575

141003101900509186:
went
out
shop-
ping
for
gina’s
birth-
day
things
loool
sur-
prise
??
I
am
not
happy
to-
day
??
??
??
??
??
??
0.598

angerjoyfeardisgustsadnesssurprise
NB,Scikit,Stoplist,Smoothing
SGD,Scikit,Stoplist,Smoothing,
Stemming,DF Restriction
NB,Scikit,Stoplist,Smoothing,
Stemming,DF Restriction

??
?
?
?
?
0.609
0.47

able.JPGemojjsrelationtotweetpolarity.Tablereproducedfrom[?]
(p,p0,p+).
?
?

(3) $\hat{w} =_{e \in E} \lambda_1 SM \sum_t^T \log P(t \mid e) + \lambda_2 DM \sum_t^T \log P(t \mid e)$
 $\frac{SM}{DM}$
 $\frac{\lambda}{t}$
t
down.JPG
This
value
is
math-
e-
mat-
i