

Emoticon-annotated Tweets

im happy



im sad



transfer model

Soft-annotated Tweets

good times

0.8

0.2

bad day

0.1

0.9

calculate features

word	SO-m	SGD-m	POS	label
happy	1.8	1.1	adj	pos
sad	-1.1	-1.6	adj	neg
lol	2.1	1.7	inter	?

label words

Seed lex

happy	pos
sad	neg
chair	neutral

train classifier

Expanded lex

lol	inter	pos
grrrr	inter	neg
book	noun	neutral

classify words

