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LIST OF SYMBOLS AND ABBREVIATIONS

A	-	Accuracy
ANN	-	Artificial Neural Networks
ASUM	-	Aspect and Sentiment Unification Model
BLR	-	Bayesian Logistic Regression
CCA	-	Canonical Correlation Analysis
c	-	Category
CSR	-	Class Sequential Rule mining
CART	-	Classification And Regression Tree
C	-	Comparative words
CRF	-	Conditional Random Fields
CDTI	-	Cross Domain Topic Indexing
DT	-	Decision Tree
d	-	Document
FN	-	False Negative
FP	-	False Positive
F	-	Features
FLC	-	Fuzzy Logic Classifier
FOM	-	Fuzzy Opinion Miner
FS	-	Fuzzy Score
FW	-	Fuzzy Weight
GAMS	-	General Algebraic Modeling. System
GIBC	-	General Inquirer Based Classifier
GSP	-	Gram-Schmidt Process
HMM	-	Hidden Markov Model

IR	-	Information Retrieval
IMDB	-	Internet Movie DataBase
C^{-1}	-	Inverse of the Correlation Matrix of Z_{ij}
KNN	-	K Nearest Neighbor
L-EM	-	Labeled Expectation Maximization
LDS	-	Large movie review DataSet
LDA	-	Latent Dirichlet Allocation
LLSF	-	Linear Least Square Fit
φ (x)	-	Logistic link function
LR	-	Lucene Rank
ML	-	Machine Learning
MD	-	Mahalanobis Distance
MDC	-	Mahalanobis Distance based Classifier
MFS	-	Mahalanobis Fuzzy System
MFSC	-	Mahalanobis Fuzzy System Classifier
MS	-	Mahalanobis Space
MTS	-	Mahalanobis Taguchi System
P (d)	-	Marginal probability
MAX	-	Maximum
ME	-	Maximum Entropy
MAXOC	-	Maximum number of OCcurrences
MST	-	Maximum Spanning Trees
MIN	-	Minimum
MINOC	-	Minimum number of OCcurrences
β	-	Model parameters vector
MLP	-	Multi Layer Perceptron
NB	-	Naïve Bayes
NBm	-	Naïve Bayes multinomial
NLP	-	Natural Language Processing

NN	-	Neural Network
K	-	Number of features or variables
OSA		One-Side Association
OM	-	Opinion Mining
OSR	-	Overall Success Rate
POS	-	Parts Of Speech
PMI	-	Point-wise Mutual Information
PSP	-	Positive Sentence Percentage
PERL	-	Practical Extraction and Report Language
P	-	Precision
PCS	-	Preferred entities in Comparative Sentences
PSLA	-	Probabilistic Latent Semantic Analysis
P (c|d)	-	Probability that the document d belongs to the category c
R	-	Recall
RT	-	Representative term
RTDM	-	Representative Term-Document Matrix
RT	-	Representative Terms
RBC	-	Rule Based Classifiers
SO	-	Semantic Orientation
SO-CAL	-	Semantic Orientation CALculator
SLDA	-	Sentence Latent Dirichlet Allocation
SA	-	Sentiment Analysis
SMO	-	Sequential Minimal Optimization
D	-	Set of all Documents
SVD	-	Singular Value Decomposition
SFA	-	Spectral Feature Alignment
s	-	Standard Deviation
Z_{ij}	-	Standardized matrix
SAS	-	Statistical Analysis System

SBC	-	Statistics Based Classifier
SVM	-	Support Vector Machine
TOQ	-	Temporal Opinion Quality
TDM	-	Term Document Matrix
TC	-	Text Categorization
TTDM	-	Topical Term Description Model
TF	-	Total Frequency
Z_{ij}^{T}	-	Transpose of Z_{ij}
TN	-	True Negative
TP	-	True Positive
VEO	-	Vector of Emotional Occurrences
WEKA	-	Waikato Environment for Knowledge Analysis