Text Analysis Using R: Using RTextTools for Text Classification
Syllabus

Instructor

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Course Description

This workshop will introduce and demonstrate using the RTextTools package in R for text classification. RTextTools offers a series of supervised learning algorithms that "...makes it simple for novice users to get started with machine learning, while allowing experienced users to easily experiment with different settings and algorithm combinations." The intended audience is people who may have no previous experience with machine learning and/or supervised learning techniques, but have a need for supervised learning algorithms to assist in text classification.

Overview:

- Brief discussions of:
    - Text Analysis
    - Machine Learning
    - Supervised Learning

- RTextTools:
    - Classifying Texts
    - Analytics and Performance Evaluations

Prerequisites

A general familiarity with R, but not required. All files will be distributed with adequate documentations. [1]

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[1] For those less familiar with R, the "Introduction to R" workshop, offered by QIPSR, will be an excellent resource.