<u>Application: Boosting for Text Categorization</u>

[with Singer]

- weak classifiers: very simple weak classifiers that test on simple patterns, namely, (sparse) n-grams
 - find parameter α_t and rule h_t of given form which minimize Z_t
 - use efficiently implemented exhaustive search
- "How may I help you" data:
 - 7844 training examples
 - 1000 test examples
 - categories: AreaCode, AttService, BillingCredit, CallingCard, Collect, Competitor, DialForMe, Directory, HowToDial, PersonToPerson, Rate, ThirdNumber, Time, TimeCharge, Other.