



Quantlab.

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R

Statistics & Visualization

Statistics & Machine Learning

: GLM, GLMM, SEM, IRT, MLM(HLM), PCA, LSA, LDA

MRFs, CRFs, SVM, Tree, RBF, MLP, Auto-Encoder, Deep-Learning

Visualization

: ggplot2, wordcloud, d3, shiny, map, spatial

1. A 대학 기숙사 컨설팅

Big-Data : Text & Query

사생들의 건의 사항 분석 (2013)

Dormitory Issue

Chose a dataset:
2013y

Numbers of Words to view:
50

Minimum Frequency of Words to view:
1 3 15

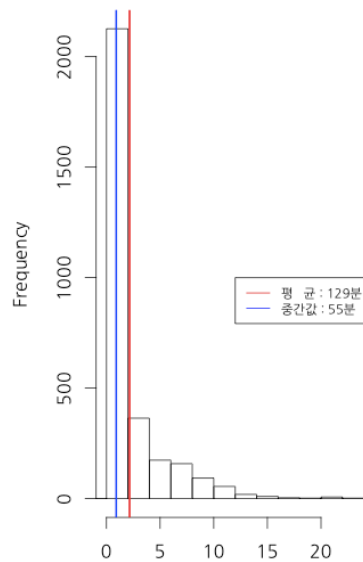
Update View



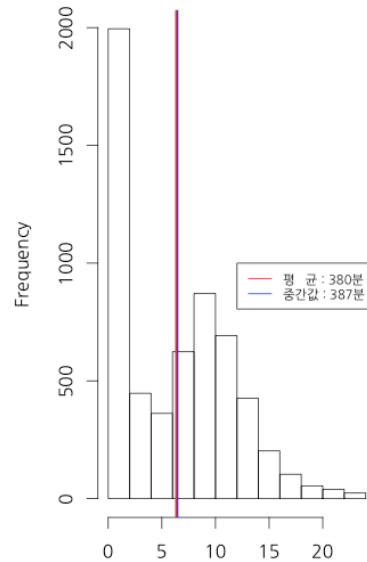
행정 서비스 비교 (2014)

A 기관

B 기관



접수시각 - 글등록시각

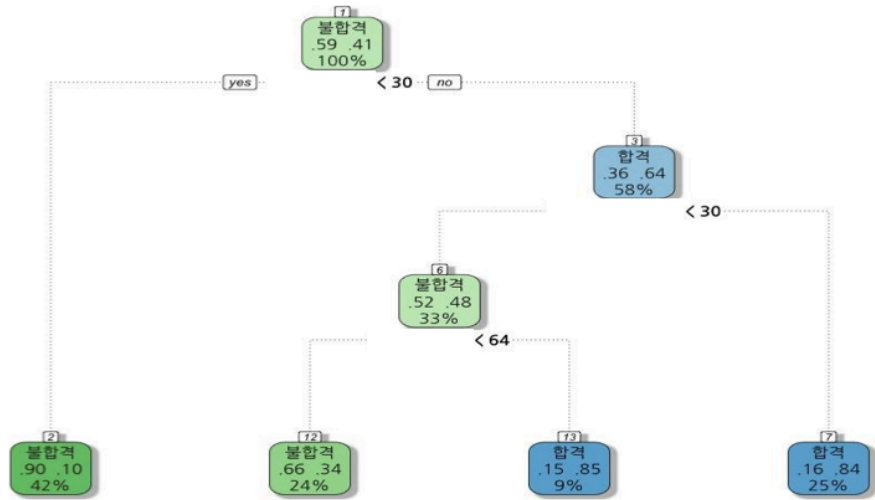


접수시각 - 글등록시각

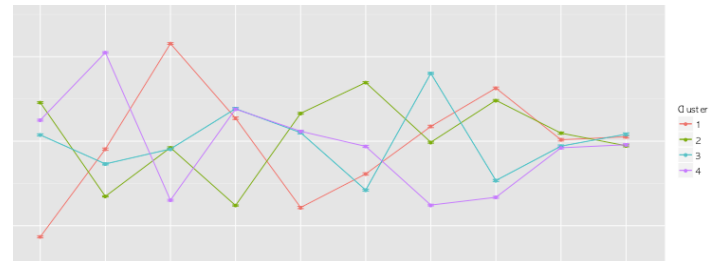
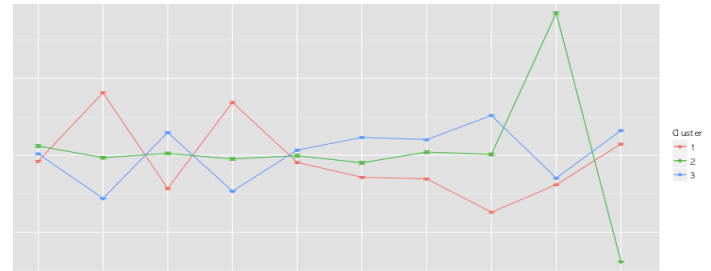
2. A 기업 인사 선발 개선 프로젝트

인적성 시험 응시자

인사 선발 면접 프로세스 (2014)

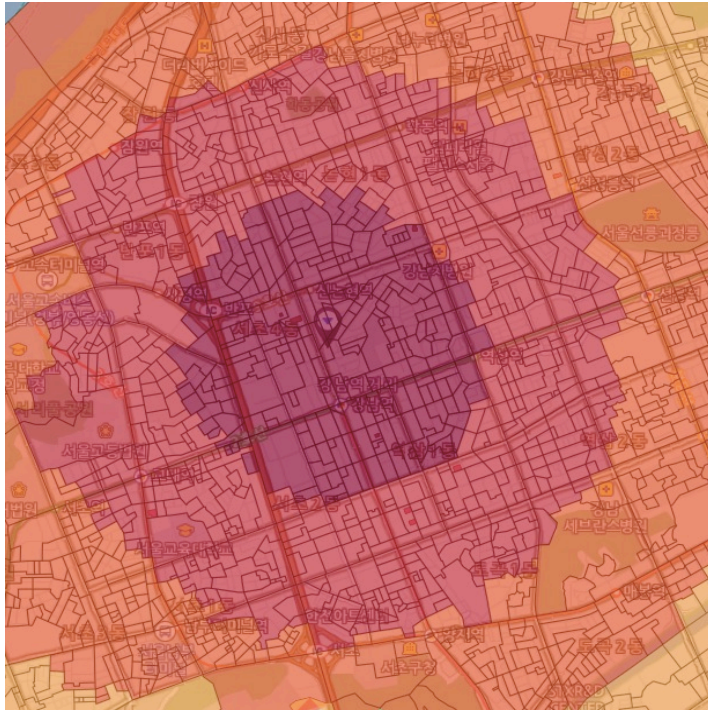


합격자 / 비합격자 프로파일링 (2014)

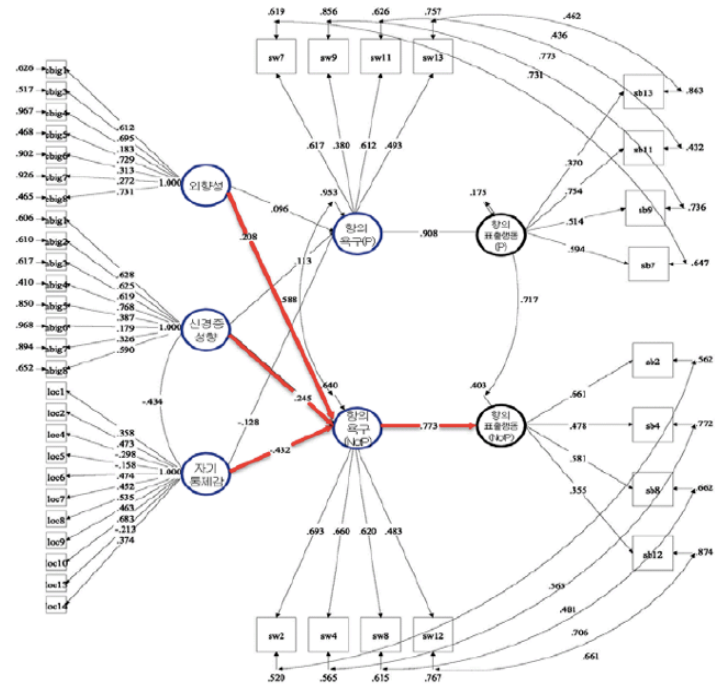


3. 공모전

Navermap + 지역구 (2015)

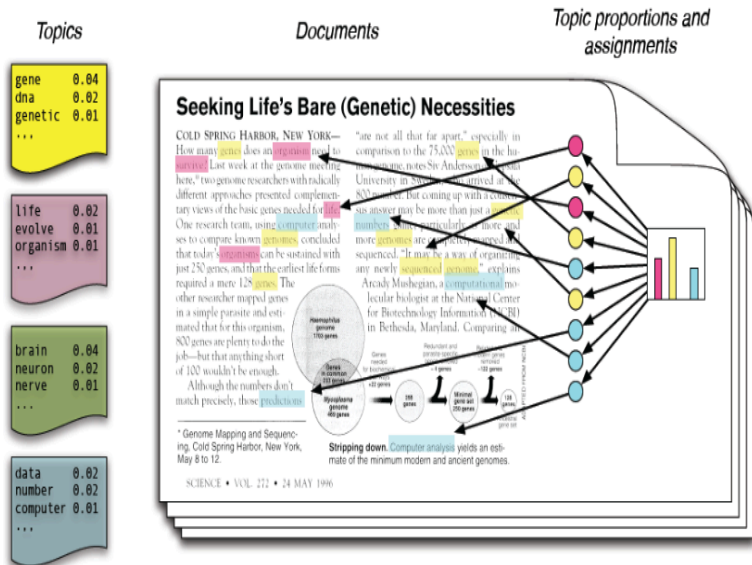


SEM (2012)

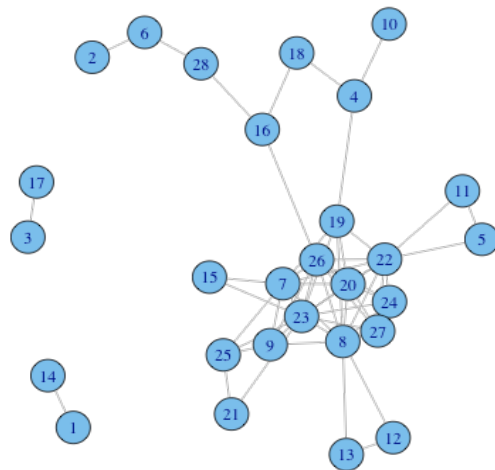


4. 논문 연구

LSA / LDA (2014)



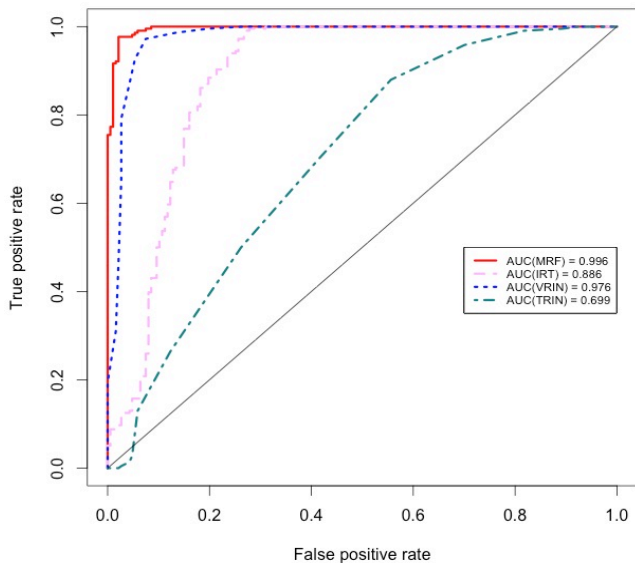
Link Prediction (2014)



4. 논문 연구

다양한 Plots (2015)

ROC curve



The AUC of IRT, MRFs, SVM

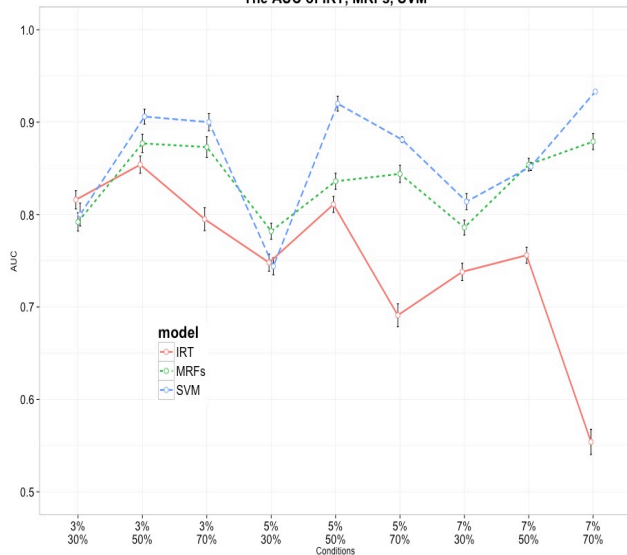


Table 1: Total Deviance of IRT

