

源工具 黄湘云

非线性规划

Tools for Optimization

## 优化建模与开源工具

黄湘云

Department of Statistics

February 3, 2017



## Julia Language

优化建模与开 源工具 黄湘云 非线性规划

Tools fo

## JuliaOpt Project

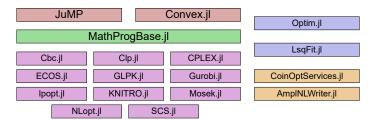


Figure: JuliaOpt1



## R Language

源工具 黄湘云 非线性规划

DMLC<sup>2</sup> for Scalable and Reliable Machine Learning

MXNet XGBoost

h2o caret nnet e1071 rpart randomForest RWeka RWekajars

Caffe TensorFlow Tourch