

Analysis of U.S. Regional Crime Rates

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Outline

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- Goal and Procedure

2 Model Building

- Data Overview
- Data Processing
- Regression Model
- Interpretation of Parameters and Other Results

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Overview

Goal and Procedure

- implement policies that will lead to the reduction of the number serious crimes in their county
- compute the regression model based on the training set and test the accuracy of the model using the test data.

The mhchem package

The `mhchem` package provides simple commands for typesetting chemical molecular formulae and equations. Created by Martin Hensel, a detailed user guide can be found here:

<http://mirror.ox.ac.uk/sites/ctan.org/macros/latex/contrib/mhchem/mhchem.pdf>

Data Overview

- Geological Data
- Demographic Data
- Economics Data

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- Check invalid values (and remove them)
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Regression Model

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Interpretation of Parameters and Other Results

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Suggestions...

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