

## **20200220 Other Modelling Tools**

## **Rule Induction**

- decision tree + neural network
- for **nominal targets** when one of the levels is **rare**

## **Dmine Regression**

- more flexibility than a standard regression model
- groups categorical inputs
- bins continuous inputs

## **DMNeural**

- multi-stage prediction formula
- PCA for data reduction
- optimizing complexity: choosing the number of stages in the prediction formula

## **MBR**

- KNN under the hood
- 16 nearest obs. by default