

## **Topics covered**

### **Monday**

- Rates and Survival
- Likelihood for rates
- Lifetables
- The Cox-model
- (non)-Linear models: Estimates and predictions
- Follow-up data
- Models for tabulated data
- Age-Period and Age-Cohort models

### **Tuesday**

- Age-drift model
- Age at entry
- Age-Period-Cohort model
- Tabulation in the Lexis diagram
- APC-model for triangular data
- APC-model: Parametrization

### **Wednesday**

- APC-model: Interactions
- Lee-Carter models as extension of APC-models
- Age-Diagnosis-Duration models

### **Thursday**

- APC-models for several datasets
- Predicting future rates
- Continuous outcome APC models