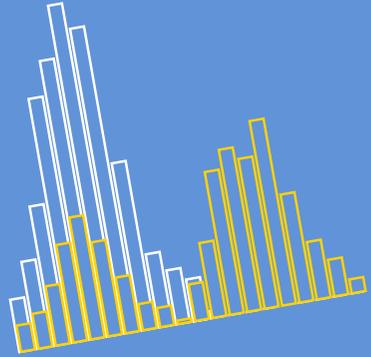$$(\epsilon_i, \mu_i)' \sim MN\left((0,0)', \Sigma_b\right)$$

$$Y_i = \beta_0 + \beta_1 \log(X_i) + \epsilon_i$$

Center for Statistics

**Training and consultancy
in data-analysis and statistics**

**GHENT
UNIVERSITY**

Training in Study Design and Statistical Data Analysis

Master-after-master of Statistical Data Analysis

The Master of Statistical Data Analysis offers intensive courses on modern statistical methods and data analysis to scientists from a variety of fields including biology, bio-informatics, economy and marketing, environmental and life sciences, engineering, mathematics and physics, psychology and social sciences.

W studiekiezer.ugent.be/master-of-science-in-statistical-data-analysis-en
E mastat@ugent.be
T +32 (0)9 264 49 39

ICES

The **I**nstitute for **C**ontinuing **E**ducation in **S**cience is a service of the Faculty of Sciences that organizes short courses and other training initiatives concerning various research domains within sciences including statistical data analysis. Its teachers are active in the industry or in institutes for higher education.

W www.ugent.be/we/en/services/ICES
E ipvw.ices@UGent.be
T +32 (0)9 264 44 26

FLAMES

Flanders' Training Network for **Me**thodology and **S**tatistics is an inter-university training network rooted in the five Flemish universities. It offers basic as well as advanced training to doctoral students and young empirical researchers. It provides yearly courses in quantitative and qualitative methodology and statistics, it organizes a yearly summer school and it delivers specialized workshops on demand.

W www.flames-statistics.eu
E flames@UGent.be
T +32 (0)9 264 96 87

! All courses are free for PhD students if their application is sent according to the constraints and deadlines of the doctoral schools (deadline for application = 1 month prior to the start of the course).
See www.ugent.be/doctoralschools for more information.

Statistical Consultancy

FIRE

FIRE (**F**ostering **I**nnovative **R**esearch based on **E**vidence) offers statistical consulting to UGent PhD students and postdocs. The FIRE consultants give advice on different phases of scientific research including study design, data collection, statistical analysis, and the interpretation and reporting of study results.

PhD students and postdocs can make use of four hours of statistical consulting for free. They can show up during the organized drop-in hours on Wednesday afternoon or they can make a separate appointment through the online consulting request form.

W www.ugent.be/statistics/en/consulting
E fire@UGent.be
T +32 (0)9 264 49 95

Stat-Gent Crescendo

Stat-Gent Crescendo offers consultancy about statistics and data-analysis to professionals from the academic, public and the private sector. Its members cover a wide range of experience in different areas of application with a variety of statistical techniques and data-analytic tools. Each project is managed by one of the consultants and supervised by an UGent professor.

Stat-Gent Crescendo offers support with data analysis projects, custom training, and software solutions. Past collaborations include projects about

- → air and water quality,
- → behavioral sciences and item response theory,
- → biotechnology and agriculture, biomarkers, diagnostics, statistical genetics and preclinical models,
- → the design and analysis of clinical studies,
- → econometrics, marketing and CRM,
- → health economics, epidemiology, evidence-based medicine, translational medicine, quality of care, and drug intake,
- → production processes in the food industry and food safety,
- → surveys, political and social sciences,
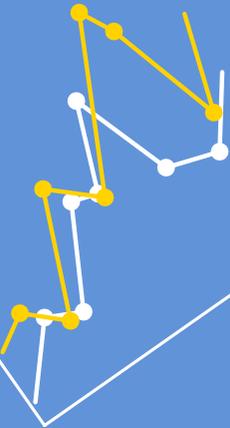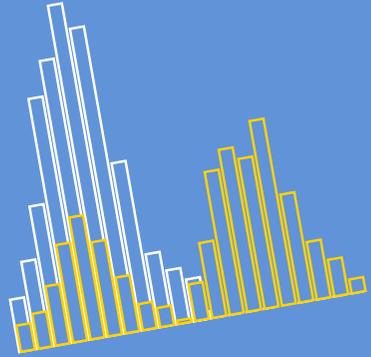- → veterinary medicine and animal welfare.

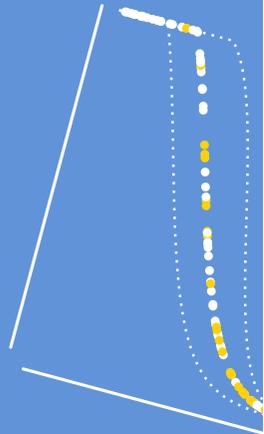W http://www.statgent.ugent.be/
E statgent@UGent.be
T +32 (0)9 264 96 87

$$(\epsilon_i, \mu_i)' \sim MN\left((0,0)', \Sigma_b\right)$$

$$Y_i = \beta_0 + \beta_1 \log(X_i) + \epsilon_i$$

$$s = \sqrt{\frac{1}{N-1} \sum_{i=1}^{N} (X_i - \bar{X})^2}$$

$$\rho_{XY} = \frac{E[(X - \mu_X)(Y - \mu_Y)]}{\sigma_X \sigma_Y}$$

Center for Statistics

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