

BioMath

BioMath has been a successful company for statistics and informatics since 1990.

It is our intention to understand your data and questions in detail to apply the right methods and statistical programs.

We'll check your data and adapt our approach to your needs. Then, we'll choose the appropriate tools and present the results in a clear and comprehensible form.

We'll advise you individually. With our expertise and experience, we'll be sure to find the right balance between statistical significance and biological relevance.

A team competent in statistics and informatics with experience in life science is keen on your tasks.

Challenge us!

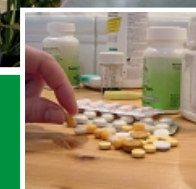
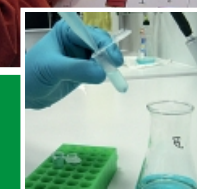


The quality of our service is guaranteed by our Quality Management System, certified according to ISO 9001.



BioMath

Applied Statistics and Informatics
in Life Sciences



Fields of expertise:

- Biology
- Biotechnology
- Agriculture
- Plant breeding
- Medicine

For more information:

www.biomath.de



BioMath

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**The full spectrum
of statistics.**

Consulting Services



We accompany your project from beginning to end—including publication of the final results.

- formulation of the statistical question
- specification of power and effect size
- choice of the statistical model
- optimal design of experiment or survey
- performing experiment or survey
- statistical analysis and graphical presentation
- interpretation of results

Data Management



Professional data management is the basis for quality of the trial's data, and therefore, of its results.

We hold a pool of methods and tools to:

- define data structure, classify data
- develop forms for data surveys
- survey and manage the data

We develop your individual database from logical concept to physical implementation.

Software Development



BioMath develops individual software solutions for fields of applied statistics and experimental design:

- linking of databases and programs
- automation of standard analyses
- programming of interfaces
- individual mathematical algorithms

For certain problems we offer our own proprietary software (CADEMO, TRIQ, PIAFStat,...).

Experimental Design



To estimate effects, correlations or dependencies, you need a precise question and an accurate design.

Therefore, we will guide you through the following topics:

- aim of your trial
- influences to be observed
- hypotheses to be tested
- precision and power requirements
- available capacities

On this basis, we choose the appropriate model, design the experiment, and estimate the sample size.

Statistical Analysis



Our statistical analysis of your experiment or survey provides results in the desired form.

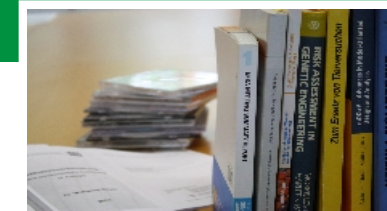
We offer:

- problem-appropriate analyses
- comprehensible interpretation, visualization

We provide descriptive, explorative, as well as inductive statistics.

We support you in understanding and interpreting the results with a clear presentation and explanation.

Systematic Reviews



We perform systematic reviews and meta analyses according to our standard operation procedure based on established international guidelines.

- custom designed systematic review protocols
- search in relevant literature databases
- custom designed data summaries
- meta analyses with extracted data
- systematic review report that fits your needs

Our goal is to capture and provide you with the essence of all available information on the topic you are interested in.