
Biostatistical Consulting Service

for the reinforcement of CRIR's research capacities

Biostatistics is the application of statistical processing to biological, clinical and psychosocial data. It is a multidisciplinary field that combines life sciences, computer science and statistics. The rigorous analysis and statistical processing of collected data are essential prerequisites for the extraction of quality scientific information, its transformation into knowledge and finally its transmission and dissemination to the entire community.

The mission of the Biostatistics Consulting Service is to:

1. To provide the CRIR community (researchers and students) with support services in biostatistical analysis.
2. To contribute to the training and transfer of knowledge to students, postdoctoral fellows, research professionals and researchers.

Services offered:

1. Biostatistical support

- Guidance in the proper use of statistical analysis methods and interpretation of results
- Selection of appropriate statistical procedures
- Sample size and power calculations
- Analysis and statistical modeling of data
- Meta-Analysis
- Analysis of survival data
- Statistical analysis of questionnaires
- Writing the "statistical methods" section of publications
- Support in writing statistical analysis plans for grant applications
- Assistance in the use of statistical analysis software and tools: SPSS and R

2. Student training

As part of the CRIR's teaching support, the Biostatistics Consultation Service also provides continuing education, mainly to students and postdoctoral fellows, through

- Training workshops in statistical analysis and programming
- Digital teaching via microcapsules

Requesting services and making an appointment

To make an appointment, please complete the [service request form](#) (link available soon). An initial meeting, either virtual or face-to-face, will be scheduled to discuss the project, assess your needs and define timelines.

The Biostatistics Consulting Service adheres to the [Code of Ethics](#) (in French) of the Statistical Society of Canada.

Information, contact:



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Mr. Ali Filali is a qualified professional with more than 20 years of experience in the statistical analysis of biomedical data with extensive and solid experience in biostatistics, bioinformatics, statistical computing and modeling. Dr. Filali has worked for several years as a biostatistician/bioinformatician at the CHUM Research Center, the Vaccine and Gene Therapy Institute (Florida, USA), and Case Western Reserve University (OHIO, USA).