

OHSU Research Cores and Shared Resources Biostatistics & Design Program (BDP)

OHSU's cores are your campus technology partners dedicated to the success of your project. For optimal results, take advantage of the state-of-the-art scientific resources within the OHSU community.

www.ohsu.edu/cores



The primary directive of the Biostatistics & Design Program (BDP) is to improve scientific quality and rigor of research through biostatistical collaboration at all phases of research. The BDP can provide research design and analysis support to basic, clinical and population science investigators at OHSU, our partners, and throughout the region.

We encourage researchers to consult with the BDP as early as possible and to work with a biostatistician when developing study designs and statistical analysis plans.

Introduction

BDP faculty and staff have a long history of collaborating on design and analysis of a wide range of content areas in the health sciences, and are experts in the design of clinical trials, clinical and community-based intervention studies, laboratory experiments, and observational studies. We will help investigators select the most appropriate study design to align with their research questions.

Our group has expertise in a wide variety of traditional and modern statistical methods. Examples include clinical trial design and analysis, high-dimensional data analysis, risk prediction, complex survey analysis, measurement error models, time-to-event and longitudinal models, and statistical simulation.

The BDP can also provide support for complex data management/data wrangling, analytic variable coding and file creation, research database design, and statistical programming. The BDP can coordinate services with other cores that generate and process data, should your project require it.

Services

- **Pre-award support** including statistical support for grant submissions, proposal development, study design, sample size and power analysis, and statistical analysis planning.
- **Post-award support** including statistical analysis, data management, data preparation, interim analysis, assistance with manuscript preparation and review.
- **Biostatistics drop-in sessions** are held once a week and are available to all OHSU investigators. These are free sessions and provide investigators access to informal biostatistics guidance in a timely and effective way. These sessions tend to be booked a few weeks out; please email us ahead of time to reserve your spot at bdp@ohsu.edu.

Fees

- Pre-award support is provided via fee-based agreements.
- Post-award support is offered through fee-based agreements for short-term deliverable-based projects. For longer term collaboration, biostatistician FTE may be funded directly via investigators' grants or contracts.

Can We Help You?

To determine the scope of biostatistics support required for your project or grant application, or to obtain a cost estimate, please contact us via email. One of the BDP statisticians will contact you, usually within 1-2 business days, to discuss your project directly.

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