UCDAVIS STATISTICAL CONSULTING FORM

University of California, Davis
Department of Statistics

In order to help us schedule an appointment for you with the Statistical Laboratory, please complete and submit this form. The form can be emailed as an attachment to statlab@ucdavis.edu, or faxed to (530)752-7099.
For rates and other information on the Laboratory, please go to: https://statistics.ucdavis.edu/stat-lab

The Statistical Laboratory provides a wide range of services from consultation to customized education and training. Consultation services are aimed at supporting research at the University of California at Davis, adjoining community, and university affiliates as well as the public and private sectors.

For Zoom meetings, please join at the time of your appointment via the following link: https://ucdavis.zoom.us/my/stat.lab

A. General Information

Name: **E-mail**: **Phone**:

Project Name:

Have you received consulting previously on this project? ☐Yes ☐No. If yes, date of last appt: **Consultant:**

UCD graduate students, faculty, staff, and affiliates please complete the following:
Graduate Student ☐ Faculty ☐ Staff ☐ Affiliate ☐
Dept/Unit: **Recharge #**: **Day and Time Preferred:**

Major Professor (if student): **Major Professor Email**: **Dissertation/Thesis:** ☐Yes ☐No

External clients please complete the following:
Affiliation and Address: **Existing Contract:** ☐Yes ☐No **Expiration date:**

Contract/Client No.: **Service Order No.** (if applicable)**:** **Expiration date:**

B. Description of Problem. (Please give a concise description of the problem you are requesting statistical help for and what your expectations are for the appointment.)

C. Advice/Analysis Requested

Please check all boxes that may apply to this research project.

Data Management:

☐Data Handling in Excel ☐Data Handling in SAS ☐Data Handling in Other Software

Exploratory Statistics:

☐Descriptive Statistics ☐Graphical and Visualization ☐Measures of Correlation

Design of Experiments:

☐Development of Experimental Plan ☐Analysis of Designed Experiment ☐Sample Size Calculation

☐**Design, or** ☐**Analysis**

☐Completely Randomized Design ☐Randomized Complete Block Des. ☐Latin Square
☐Incomplete Block Design ☐Balanced Incomplete Block Des. ☐Partially Balanced Incomplete Block Design
☐Latin Rectangle ☐Split-Plot Design ☐ Repeated Measures Design
☐Split-Block (Strip-Plot) Design ☐Lattice Design ☐Longitudinal Data Analysis
☐Mixed Effect Model Design ☐Survival Analysis

Hypothesis Tests and Confidence Intervals

☐One-Sample Tests ☐Two or κ-Sample Tests ☐Confidence Intervals
☐Comparing Counts ☐Comparing Proportions

ANOVA

☐Main Effects and Interactions ☐Slicing of Interactions ☐Mean Separation Tests
☐Multiple Error Terms ☐Contrasts ☐Outliers
☐Transformations ☐Covariates ☐Assessment of Assumptions

Regression Analysis:

☐Simple Linear Regression ☐Multiple Regression ☐Transformations
☐Model Selection ☐Variable Selection ☐Multicollinearity
☐Assessment of Assumptions ☐Residual Diagnostics ☐Nonlinear Regression
☐Dose-Response Curves ☐Splines ☐Outliers
☐Robust Regression ☐Generalized Additive Models

Categorical/Discrete Data

☐Contingency Table Analysis ☐Chi-Square Tests ☐Tests of Homogeneity
☐Tests of Independence ☐ Logistic/Probit regression ☐ Generalized Linear Mixed Effect Models

Nonparametric Methods

☐One-Sample Tests ☐Two or κ-Sample Tests ☐Multiple Comparisons

Other topics

☐Spatial Statistics ☐Multiple Comparisons ☐ Multivariate Statistics
☐Microarray Experiment ☐Nonparametric Regression ☐Factor Analysis
☐qRT-PCR Experiment ☐Mixed Model Analysis ☐ Genetic Analysis
☐Survival Analysis ☐Longitudinal Data Analysis ☐ Time Series Analysis
☐Structural Equation Models ☐Principal Components Analysis ☐ Missing Data
☐Partial Least Squares ☐Multidimensional Scaling ☐Canonical Correspondence Analysis
☐Canonical Correlation Analysis ☐Other:

Statistical Software Used:

Other: