Introduction to SAS

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Date and location: Friday, October 11, 2013
1:30 pm - 4:30 pm
AS13 (Arts & Sciences – Main Campus)

Workshop Outline:

(I) What is SAS and why use SAS?
(II) Four Components of SAS for Windows
(III) Some preliminary concepts and rules
(IV) Basic structure of SAS programs
(V) Four ways to get data into SAS
   • Read in-stream data
   • Use the INFILE statement
   • PROC IMPORT
   • SAS Import Wizard
(VI) Add/Drop a variable
   • Use KEEP statement
   • Use DROP statement
   • Apply SAS functions
(VII) Split a dataset into several subsets
   • WHERE
   • IF ... THEN ... ELSE ...
(VIII) Merge two datasets
   • PROC SORT statement
   • MERGE statement
(IX) Define and apply formats
   • PROC FORMAT statement;
   • FORMAT statement
(X) Get summary statistics of a dataset
   • PROC MEANS statement;
   • PROC UNIVARIATE statement;
   • PROC FREQ statement;
   • PROC SUMMARY statement;