

SAS® Macro for Doubly Robust Estimation, v0.90

© 2006 The University of North Carolina at Chapel Hill. All rights reserved in accordance with license agreement accompanying the work.

Macro updates will be posted at <http://www.harryguess.unc.edu>.

This macro requires Base SAS® Software version 8.02 and later.

The files in the zip directory available by download from <http://www.harryguess.unc.edu> are as follows:

| | |
|------------------------------|-------------------------------------------------------------------------------|
| README.pdf | This file. |
| License Agreement.pdf | End user license agreement |
| drmacro.sas | SAS macro for doubly robust estimation |
| DR documentation.pdf | Documentation (including example code) |
| study.sas7bdat | SAS dataset (simulated) used in Examples 2 & 3 (see DR documentation.pdf). |

You must extract the files from the zip directory before attempting to load files in SAS.

Make sure you have loaded the doubly robust macro before attempting to run the macro. To load the macro, open the file called “drmacro.sas” in the SAS Editor window and run.

Recognized exposure and outcome types

The exposure (treatment) must be dichotomous; the outcome may be either continuous or dichotomous.

Missing data

Records with missing values for any of the covariates specified for the weight or regression models will not be used by this macro (case-wise deletion), as with proc genmod and other similar SAS procedures.

Unrecognized SAS terms

Where statements, class statements, and variables created within model statements (such as polynomial terms or interaction terms) are not recognized by the DR macro at this time.

Dataset names

The macro code creates several temporary datasets and subsequently deletes them. The dataset filenames are as follows:

| | | |
|-----------|------------|-----------|
| _dens_ | _dr01_ | _mdr01_ |
| _modres0_ | _modres01_ | _modres1_ |
| _shcrvs_ | _shcrvs0_ | _shcrvs1_ |
| _sortuse_ | _usedata_ | |
| _wgts_ | _wgts0_ | _wgts1_ |

Do not use this macro in conjunction with datasets with these names or they may be deleted.
