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Software Updates


Previously in the `mcd` command, the former `outlier` option would automatically generate two variables, `MCD_outlier` and `Robust_distance`, respectively flagging the outliers and returning robust distances. This option has been replaced by the `generate(newvar1 newvar2)` option, which instead allows you to choose the name of these variables. Furthermore, a minor bug in the code related to the use of one variable has been fixed.


This update of `svylogitgof` corrects some deficiencies in the original. It was assumed that all observations in the dataset were included in the model fit and that the model fit resulted in 10 deciles of risk. Neither assumption necessarily holds in general. For example, observations with missing values are omitted from the model fit. Additionally, when a model is fit where the independent variables are such that there are few distinct covariate patterns, there may be fewer than 10 deciles of risk. `svylogitgof` will now work when no weights are specified. Improved programming practice is followed by using temporary variables and temporary names rather than creating new permanent variables and scalars. After the `svylogitgof` call, the results of the preceding estimation command are restored.