Title

bradmean —— Computes multiple independent means in a single table

Syntax

bradmean [*varlist*] [*if*] [*in*] [, *options*]

options	Description
General	
svy	statistics will be survey weighted
subpop(*varname***)**	subpopulation estimation by *varname*; *varname* must be 0/1
over(*varlist***)**	estimation over groups defined by *varlist*
Format	
overopt(*string***)**	display options for over variables
pvalues(*string***)**	select which type of p-values to be displayed
ci(*string***)**	display options for confidence intervals
stats(*string***)**	select which stats to be displayed
display(*string***)**	general display options
Output	
excel(*string***)**	excel output settings

weights are allowed; see svyset.

Description

bradmean computes multiple independent means of *varlist*. Estimations can be run by groups, which will include comparative p-values (using adjusted Wald test).

Options

General

svy specifies that statistics will be survey weighted.

subpop(*varname***)** specifies that estimates be computed using subpopulation *varname*. *varname* must be 0/1.

over(*varlist***)** specifies that estimates be computed for multiple groups, which are identified by the different values of the variable(s) *varlist*.

Format

overopt(*string***)** has the following options:

nolabels	do not display over labels
nolegend	do not display legend for over groups
nomiss	do not display groups with no non-missing values
separator	display levels of separate over variables in separate rows
total	display overall statistics

pvalues(*string***)** has the following options:

all	display all p-values
individual	display individual p-values
overall	display overall p-values
none	display no p-values
mtest(*string***)**	choose from **bonferroni**, **holm**, or **sidak**
stars(*numlist***)**	display up to 3 significance stars for p-values between 0 and 1; default is 0.05 and 0.01
scripts(#)	display significance superscripts for 1 p-value between 0 and 1; default is 0.05
force	force displayp-values even with significance stars or superscripts

ci(*string***)** has the following options:

proportion	display logit-transformed CIs (like proportion)
logit	display logit-transformed CIs (like proportion)
level(#)	calculate CIs at a number between 0 and 100
round(#)	display between 0 and 7 decimals in CIs
combined	display CIs as a combined column
parentheses	display combined CIs with parentheses
brackets	display combined CIs with brackets
separator(*string***)**	display combined CIs separated by - or ,

stats(*string***)** has the following options:

all	all statistics below
obs	observations (n)
n_yes	observations with *varname* != 0 & !missing(*varname*)
mean	mean (b)
se	standard error (se)
sd	standard deviation (sd)
var	variance (var)
ci	confidence interval (lci-uci)
lci	lower bound of confidence interval
uci	upper bound of confidence interval
min	minimum value of variable
max	maximum value of variable

default for **long** is **obs n_yes mean sd ci**
default for **wide** is **mean**

display(*string***)** has the following options:

pct	display binary variables as a percentage
percent	display binary variables as a percentage
align(*string***)**	set alignment as **left**, **center**, **right**
round(#)	display between 0 and 7 decimals in non-CI numbers
title(*string***)**	display a title or use **none** to display no title
wide	display in a wide format
nofooter	do not display footer (only applies when stars or scripts active)
noprint	do not print results table (only applies when excel output is active)
xivalues	display labels of xi values instead of numbers; default **on**
xivars	display labels of xi variables instead of varname; default **off**
xi	sets both xivalues and xivars **on**
noxi	sets both xivalues and xivars **off**
seriesvalues	display answers of individual variables in series (see below); default **off**
seriesvars	display questions of variables in series (see below); default **off**
series	sets both seriesvalues and seriesvars **on**
noseries	sets both seriesvalues and seriesvars **off**

For series options to correctly work, variable labels must be in the following format:
[answer] question

Output

excel(*string***)** creates excel output using the following:

file(*path***)**	the path for the excel output; default path is the current working directory default filename is **bradmean_output.xlsx**
sheet(*string***)**	choose sheet for output; default is **Sheet 1**
replace	replace file
sheetreplace	replace sheet
modify	modify (append) sheet

One of **replace**, **sheetrepplace**, **modify** must be chosen.