<u>Title</u>

bradmean — Computes multiple independent means in a single table

<u>Syntax</u>

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

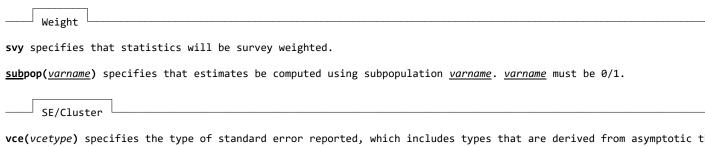
options	Description
Weight svy <u>sub</u> pop(<u>varname</u>)	statistics will be survey weighted subpopulation estimation by <i>varname</i> ; <i>varname</i> must be 0/1
SE/Cluster vce(<u>vcetype</u>)	vcetype may be analytic, <u>cl</u> uster clustvar, <u>boot</u> strap, or <u>jack</u> knife
Over over(<u>varlist</u>) overopt(<u>strinq</u>) test(<u>strinq</u>)	estimation over groups defined by <i>varlist</i> options for over variables options for significance testing
Output display(string) title(string) sort(string) stats(string) format(string) excel(string)	general display options optional custom title or "none" to display no title sorting results within a series select which statistics to be displayed formatting options for displayed statistics Excel output options

svy weights are allowed; see svyset.
vce() and weights are not allowed with the svy option.
fweights, aweights, iweights, and pweights are allowed; see weight.

Description

bradmean computes multiple independent means of <u>varlist</u>. Estimations can be run by groups and can include significa

Options



use bootstrap or jackknife methods (**bootstrap**, **jackknife**); see [R] vce option.

vce(analytic), the default, uses the analytically derived variance estimator associated with the sample mean.

```
_____Over
```

over(varlist) specifies that estimates be computed for multiple groups, which are identified by the different values
overopt(string) has the following options:

```
test(string) has the following options:
   <u>chi</u>2
                      display Chi2 p-values for categorical and binary variables. When data is svyset, a default-co
                      display t-test p-values for overall comparisons (only applies when there are 2 groups), indiv
   ttest(string)
   ftest(string)
                       display adjusted Wald F-test p-values for overall comparisons, individual comparisons, or all
                       comparisons using bonferroni, holm, or sidak
                      creates up to 3 significance stars for overall p-values less than numlist containing 0-3 valu
   stars(numlist)
                      creates up to 18 significance scripts for individual p-values less than numlist containing 0-
   scripts(numlist)
   stat
                      display test statistics with p-values
   force
                      display p-values even with stars or scripts enabled
                      do not display footer explaining significance stars and scripts
   <u>nofo</u>oter
      Output
display(string) has the following options:
   хi
                   enable both xi value and xi variable labels
   <u>xival</u>s
                   enable xi value labels (default is ON)
                   enable xi variable labels (default is ON)
   <u>xivar</u>s
                   enable both series value and series variable labels
   series
                   enable series value labels (default is OFF)
   <u>seriesval</u>s
   <u>seriesvar</u>s
                   enable series variable labels (default is OFF)
   wide
                   print table in a wide format
   align(string)
                   choose <u>left</u>, <u>center</u>, or <u>right</u> alignment of statistics
                   do not display statistic names (wide only & single statistic only)
   nostat
   noprint
                   do not display table (can be used with Excel output)
title(string) specifies an optional custom title or "none" to display no title.
sort(string) allows sorting within series by choosing direction (+ for ascending, - for descending) and statistic (
stats(string) allows users to choose from the following statistics:
   obs
          observations
          number of "yes" answers (only for binary variables)
   nves
   mean
   se
          standard error
          standard deviation
   sd
   var
          variance
   ci
          confidence interval
   min
          minimum
   max
          maximum
   p25
          25th percentile (unweighted)
   p50
          50th percentile (unweighted)
   p75
          75th percentile (unweighted)
   all
          all of the above
format(string) sets the formatting for statistics. Individual statistics can be formatted using stat(string) where
    (obs/nyes), error (se/sd/var), or minmax (min/max). The following options are allowed:
```

nolabels

<u>noleg</u>end

<u>nomi</u>ss row

<u>tot</u>al

group

do not display over labels

display overall statistics

do not display legend for over groups

do not display groups with no non-missing values

calculate row percentages for binary variables

display each group size below name (wide only)

round(#) round for both binary and continuous variables. Default is 7

roundi(#)
round for binary variables. Default is 7
roundc(#)
round for continuous variables. Default is 7
pct format binary variables as a percentage
percent format binary variables as a percentage
do not display % after percentage

notation(string)
stars
scripts
choose to surround statistic with parentheses or brackets
display significance stars on this statistic. Default is mean
display significance scripts on this statistic. Default is ci

proportion (ci only) logit transform the confidence interval (similar to proportion)

excel(string) has the following options:

file(string) location of output file. Default is a file named bradmean_output.xlsx in the current working dir sheet(string) name of sheet to be used. Default is the first file in the sheet or Sheet1 in a new workbook

replace replace the workbook
sheetreplace replace the sheet

modify append table to the end of the sheet

font(string) choose the font face from Arial, Calibri, Garamond, Helvetica, TNR (Times New Roman), or Verdana

size(#) choose the font size between 9 and 12. Default is 11

color(string) choose the color styles from bradmean, monochrome, rti, material_red, material_purple, material_