<u>Title</u>

bradmean — Computes multiple independent means in a single table

Syntax

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

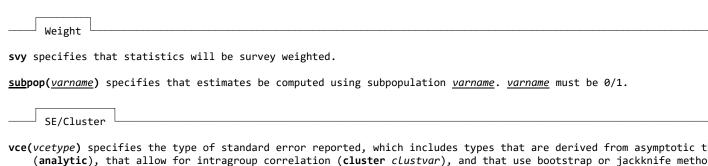
options	Description
Weight svy <u>sub</u> pop(<u>varname</u>)	statistics will be survey weighted subpopulation estimation by <i>varname</i> ; <i>varname</i> must be 0/1
SE/Cluster vce(<u>vcetype</u>)	vcetype may be analytic, <u>cl</u> uster clustvar, <u>boot</u> strap, or <u>jack</u> knife
<pre>Over over(varlist) overopt(string) test(string)</pre>	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 $\underline{varlist}$. Estimations can be run by groups and can include significa

Options



(analytic), that allow for intragroup correlation (cluster clustvar), and that use bootstrap or jackknife metho
jackknife); see [R] vce option.

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

```
Over
```

over(<u>varlist</u>) specifies that estimates be computed for multiple groups, which are identified by the different values variable(s) <u>varlist</u>.

overopt(string) has the following options:

```
test(string) has the following options:
   chi2
                        display Chi2 p-values for categorical and binary variables. When data is svyset, a default-co
                        Pearson F-test is used instead
                        display t-test p-values for overall comparisons (only applies when there are 2 groups), indiv
   ttest(string)
                        comparisons, or all for both overall and individual
   ftest(string)
                        display adjusted Wald F-test p-values for overall comparisons, individual comparisons, or all
                        overall and individual. mtest(\underline{string}) allows adjustments for multiple comparisons using \underline{b}onfe
                        holm, or sidak
   stars(numlist)
                        creates up to 3 significance stars for overall p-values less than numlist containing 0-3 valu
                        Leaving \underline{\textit{numlist}} empty defaults to p < 0.05 and p < 0.01
                        creates up to 18 significance scripts for individual p-values less than numlist containing 0-
   scripts(numlist)
                        Leaving \underline{numlist} empty defaults to p < 0.05
   stat
                        display test statistics with p-values
                        display p-values even with stars or scripts enabled
   force
   <u>nofo</u>oter
                        do not display footer explaining significance stars and scripts
      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
   <u>seriesval</u>s
                    enable series value labels (default is OFF)
   <u>seriesvar</u>s
                     enable series variable labels (default is OFF)
   wide
                     print table in a wide format
                     choose \underline{\textbf{l}} \textbf{eft}, \underline{\textbf{c}} \textbf{enter}, or \underline{\textbf{r}} \textbf{ight} alignment of statistics
   <u>align(string</u>)
   nostat
                     do not display statistic names (wide only & single statistic only)
   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 (
    sd var min max).
stats(string) allows users to choose from the following statistics:
   obs
           observations
          number of "yes" answers (only for binary variables)
   nyes
   mean
           mean
           standard error
   se
           standard deviation
   sd
           variance
   var
           confidence interval
   Сi
           minimum
   min
   max
           maximum
   p25
           25th percentile (unweighted)
```

format(string) sets the formatting for statistics. Individual statistics can be formatted using stat(string) where
 nyes, mean, se, sd, var, ci, min, max, p25, p50, p75, count (obs/nyes), error (se/sd/var), or minmax (min/max).

nolabels

nolegend nomiss

row

<u>tot</u>al

group

do not display over labels

display overall statistics

50th percentile (unweighted)

75th percentile (unweighted)

all of the above

options are allowed:

p50

p75 all 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

lvl(#) (ci only) choose level for confidence interval level(#) (ci only) choose level for confidence interval

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

replacereplace the workbooksheetreplacereplace 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

is **Calibri**

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_

material_blue, material_green, and material_orange