## Title

**bradmean** —— Computes multiple independent means in a single table

## Syntax

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

| *options* | Description |
|---|---|
| Weight | |
| **svy** | statistics will be survey weighted |
| **subpop(***varname***)** | subpopulation estimation by *varname*; *varname* must be 0/1 |
| Over | |
| **over(***varlist***)** | estimation over groups defined by *varlist* |
| **overopt(***string***)** | options for over variables |
| **test(***string***)** | options for significance testing |
| Output | |
| **display(***string***)** | general display options |
| **title(***string***)** | optional custom title or **"none"** to display no title |
| **sort(***string***)** | sorting results within a series |
| **stats(***string***)** | select which statistics to be displayed |
| **format(***string***)** | formatting options for displayed statistics |
| **excel(***string***)** | Excel output options |

**weights** are allowed; see svyset.

## Description

**bradmean** computes multiple independent means of *varlist*. Estimations can be run by groups and

## Options

### Weight

**svy** specifies that statistics will be survey weighted.

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

### Over

**over(***varlist***)** specifies that estimates be computed for multiple groups, which are identified b

**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 |
| **total** | display overall statistics |
| **group** | display each group size below name (wide only) |

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

| | |
|---|---|
| **chi2** | display Chi2 p-values for categorical variables. When data is svyset, a |
| **ttest(***string***)** | display t-test p-values for **overall** comparisons (only applies when there |
| **ftest(***string***)** | display adjusted Wald F-test p-values for **overall** comparisons, **individua** multiple comparisons using **bonferroni**, **holm**, or **sidak** |
| **stars(***numlist***)** | creates up to 3 significance stars for overall p-values less than *numlis* |
| **scripts(***numlist***)** | creates up to 18 significance scripts for individual p-values less than |
| **stat** | display test statistics with p-values |
| **force** | display p-values even with stars or scripts enabled |
| **nofooter** | do not display footer explaining significance stars and scripts |

## Output

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

| | |
|---|---|
| **xi** | enable both xi value and xi variable labels |
| **xivals** | enable xi value labels (default is **ON**) |
| **xivars** | enable xi variable labels (default is **ON**) |
| **series** | enable both series value and series variable labels |
| **seriesvals** | enable series value labels (default is **OFF**) |
| **seriesvars** | enable series variable labels (default is **OFF**) |
| **wide** | print table in a wide format |
| **align(***string***)** | choose **left**, **center**, or **right** alignment of statistics |
| **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 descen

**stats(***string***)** allows users to choose from the following statistics:

| | |
|---|---|
| **obs** | observations |
| **nyes** | number of "yes" answers (only for binary variables) |
| **mean** | mean |
| **se** | standard error |
| **sd** | standard deviation |
| **var** | variance |
| **ci** | confidence interval |
| **min** | minimum |
| **max** | maximum |
| **all** | all of the above |

**format(***string***)** sets the formatting for statistics. Individual statistics can be formatted usin
(se/sd/var), or minmax (min/max). The following options are allowed:

| | |
|---|---|
| **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 |
| **nosymbol** | do not display % after percentage |
| **notation(***string***)** | choose to surround statistic with **parentheses** or **brackets** |
| **stars** | display significance stars on this statistic. Default is **mean** |
| **scripts** | 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 proportio |
| **combined** | (**ci** only) put lower CI and upper CI in 1 column |
| **separator(***string***)** | (**ci** only) use **"-"** or **","** to separate a combined CI |
| **nocomma** | (**count** only) do not display thousands separators |

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

| | |
|---|---|
| **file(***string***)** | location of output file. Default is a file named **bradmean_output.xlsx** in th |
| **sheet(***string***)** | name of sheet to be used. Default is the first file in the sheet or **Sheet1** |
| **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 N |
| **size(***#***)** | choose the font size between 9 and 12. Default is **11** |
| **color(***string***)** | choose the color styles from **bradmean**, **monochrome**, **rti**, **material_red**, **mater** |