

**bmagraph** — Graphical summary for models and predictors after BMA regression

[Description](#)[Remarks and examples](#)[Also see](#)

## Description

The following graphical postestimation commands are available with `bmagraph` after `bmaregress`:

Command	Description
<code>bmagraph pmp</code>	model-probability plots
<code>bmagraph msiz</code>	model-size distribution plots
<code>bmagraph varmap</code>	variable-inclusion maps
<code>bmagraph coefdensity</code>	coefficient posterior density plots

## Remarks and examples

[stata.com](#)

See [\[BMA\] BMA postestimation](#) for a short introduction to Bayesian model averaging (BMA) postestimation.

The `bmagraph pmp` command is used for checking BMA convergence and for exploring models with high posterior model probability; see [\[BMA\] bmagraph pmp](#).

The `bmagraph msiz` command plots the prior and posterior model-size distributions and is useful for examining model complexity; see [\[BMA\] bmagraph msiz](#).

The `bmagraph varmap` command produces a variable-inclusion map, a map that shows each model and all predictors included in that model with color-coded bars that represent the signs of the corresponding coefficients. See [\[BMA\] bmagraph varmap](#).

The `bmagraph coefdensity` command plots posterior distributions of regression coefficients; see [\[BMA\] bmagraph coefdensity](#).

## Also see

[\[BMA\] bmaregress](#) — Bayesian model averaging for linear regression

[\[BMA\] bmacrofsample](#) — Posterior samples of regression coefficients

[\[BMA\] BMA postestimation](#) — Postestimation tools for Bayesian model averaging

[\[BMA\] Intro](#) — Introduction to Bayesian model averaging

[\[BMA\] Glossary](#)