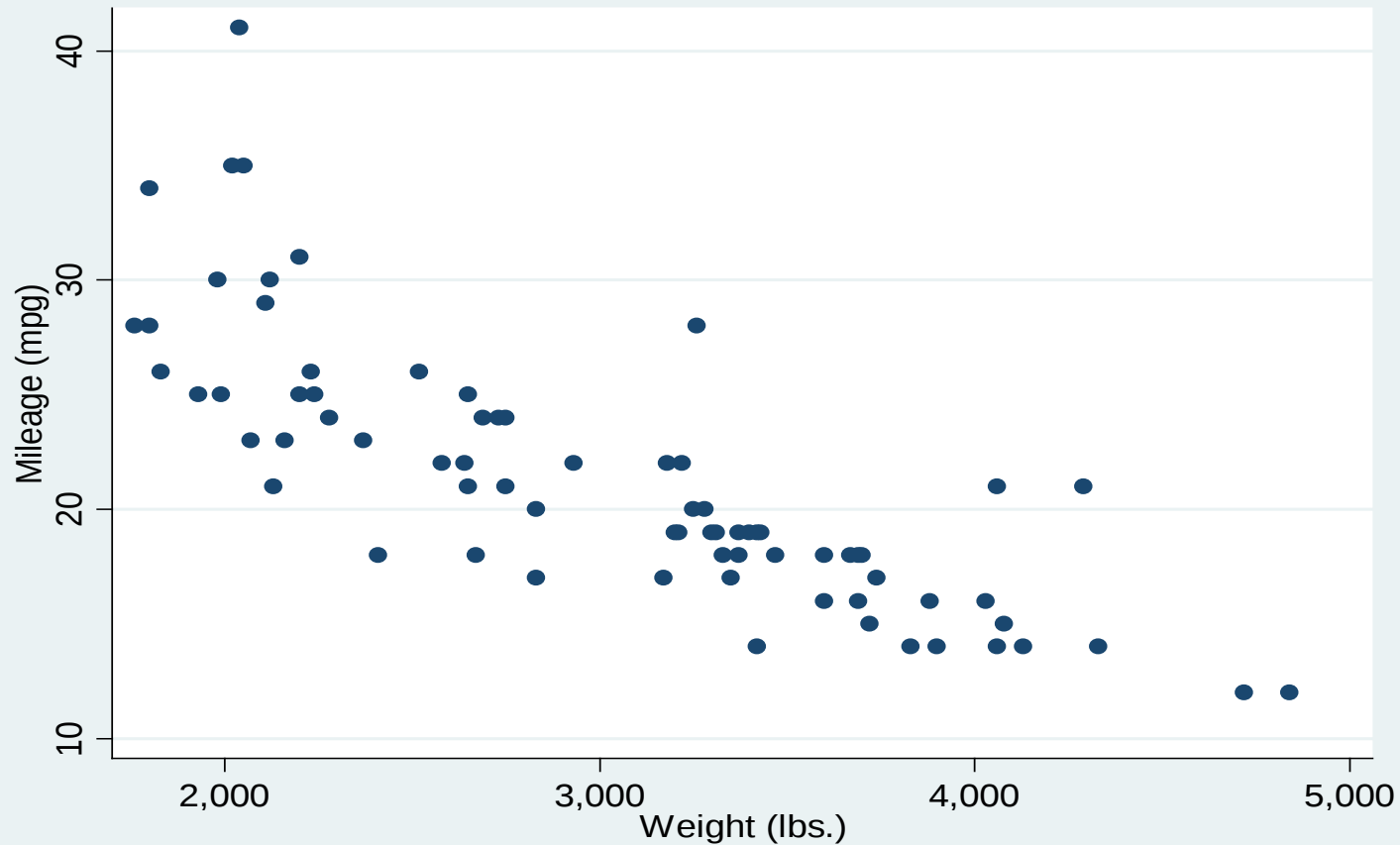
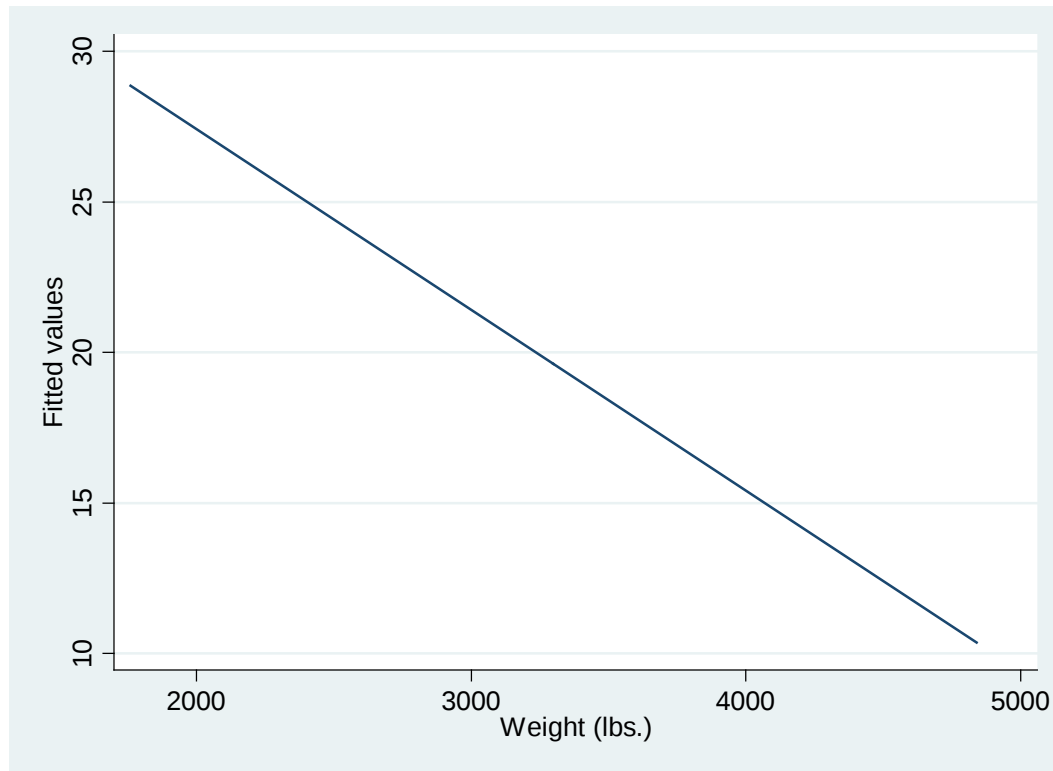


Graph with stata

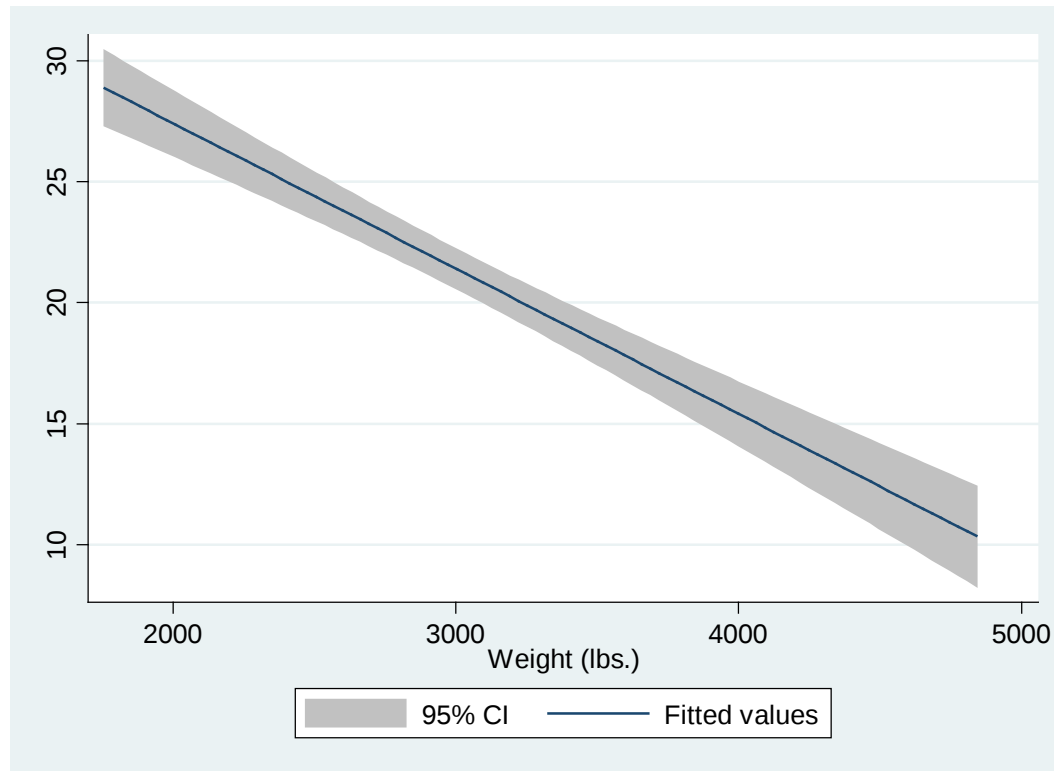
Use graph.dta data
twoway scatter mpg weight



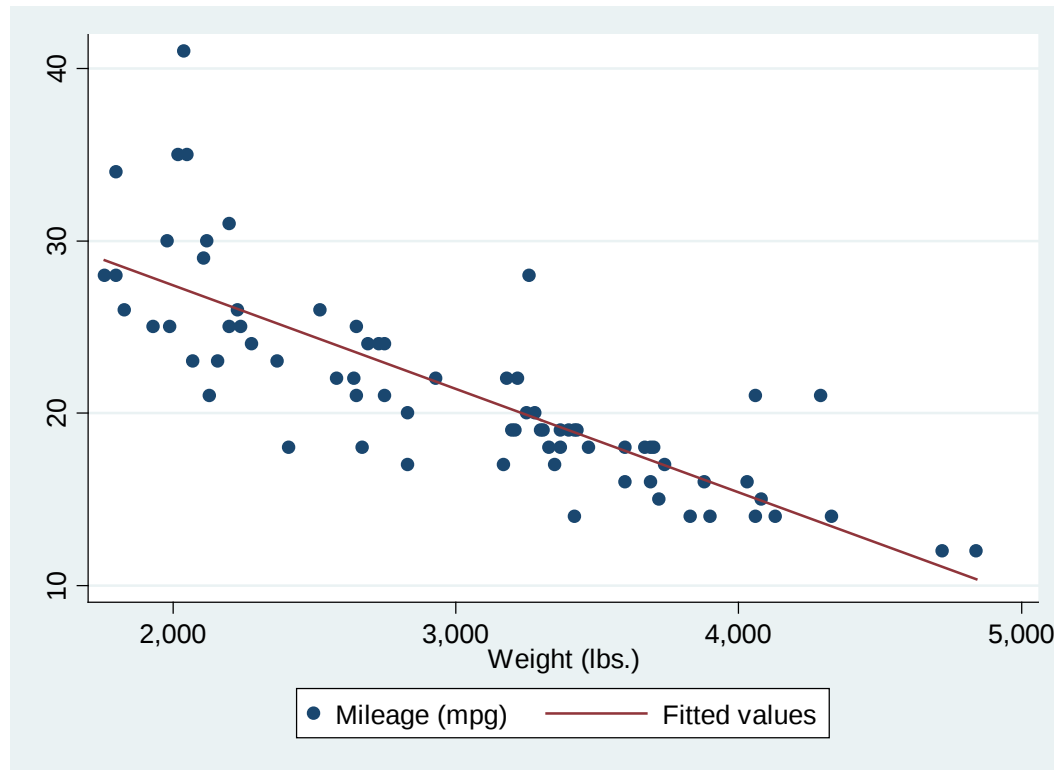
twoway lfit mpg weight



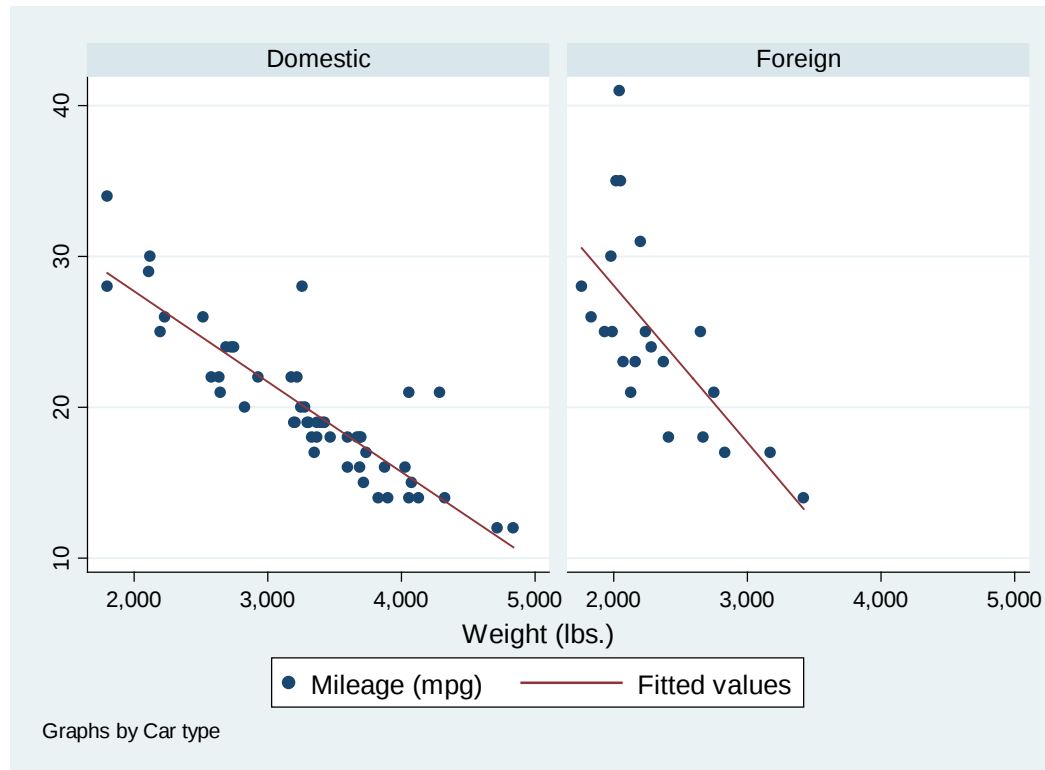
twoway lfitci mpg weight



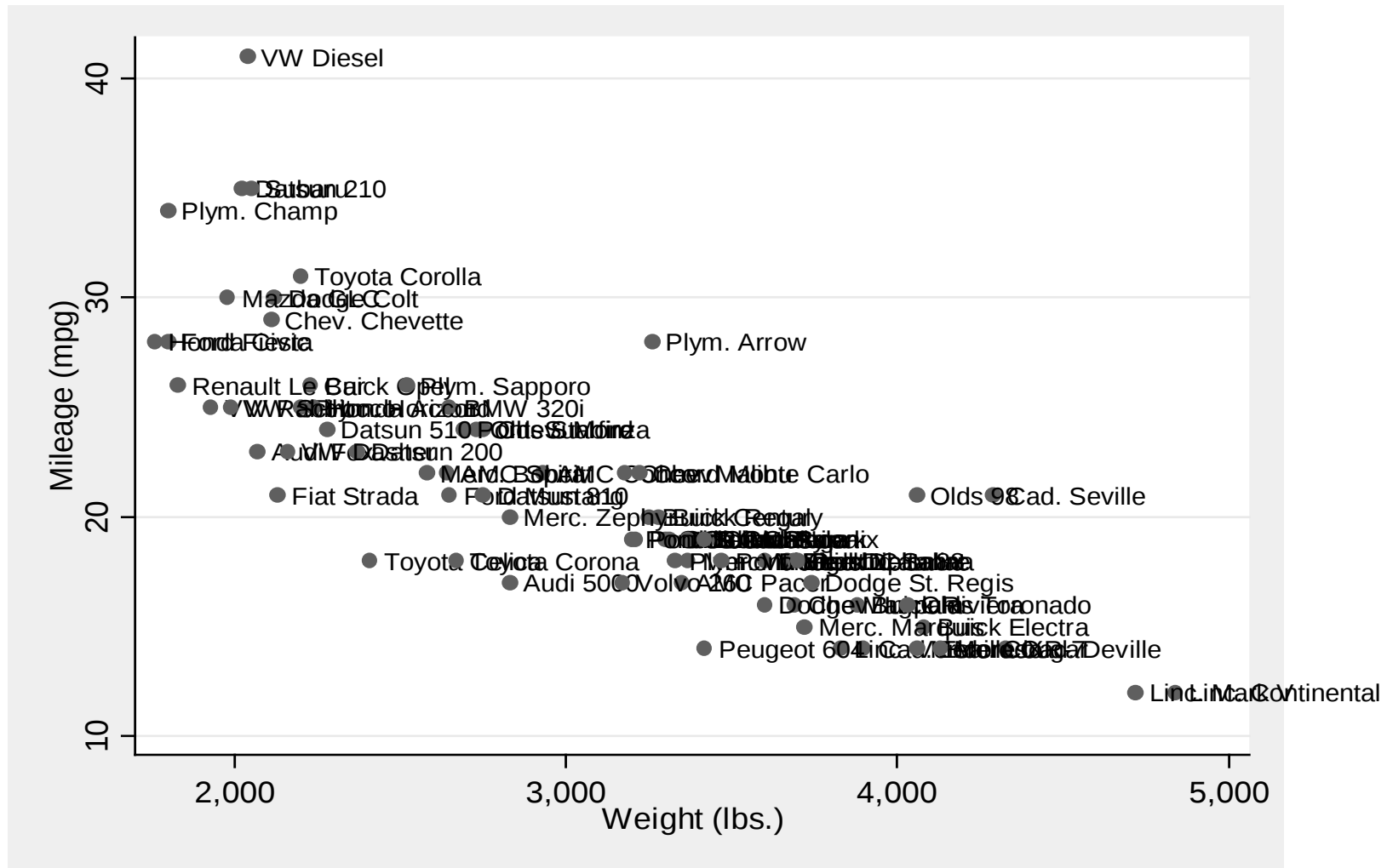
twoway (scatter mpg weight) (lfit mpg
weight)



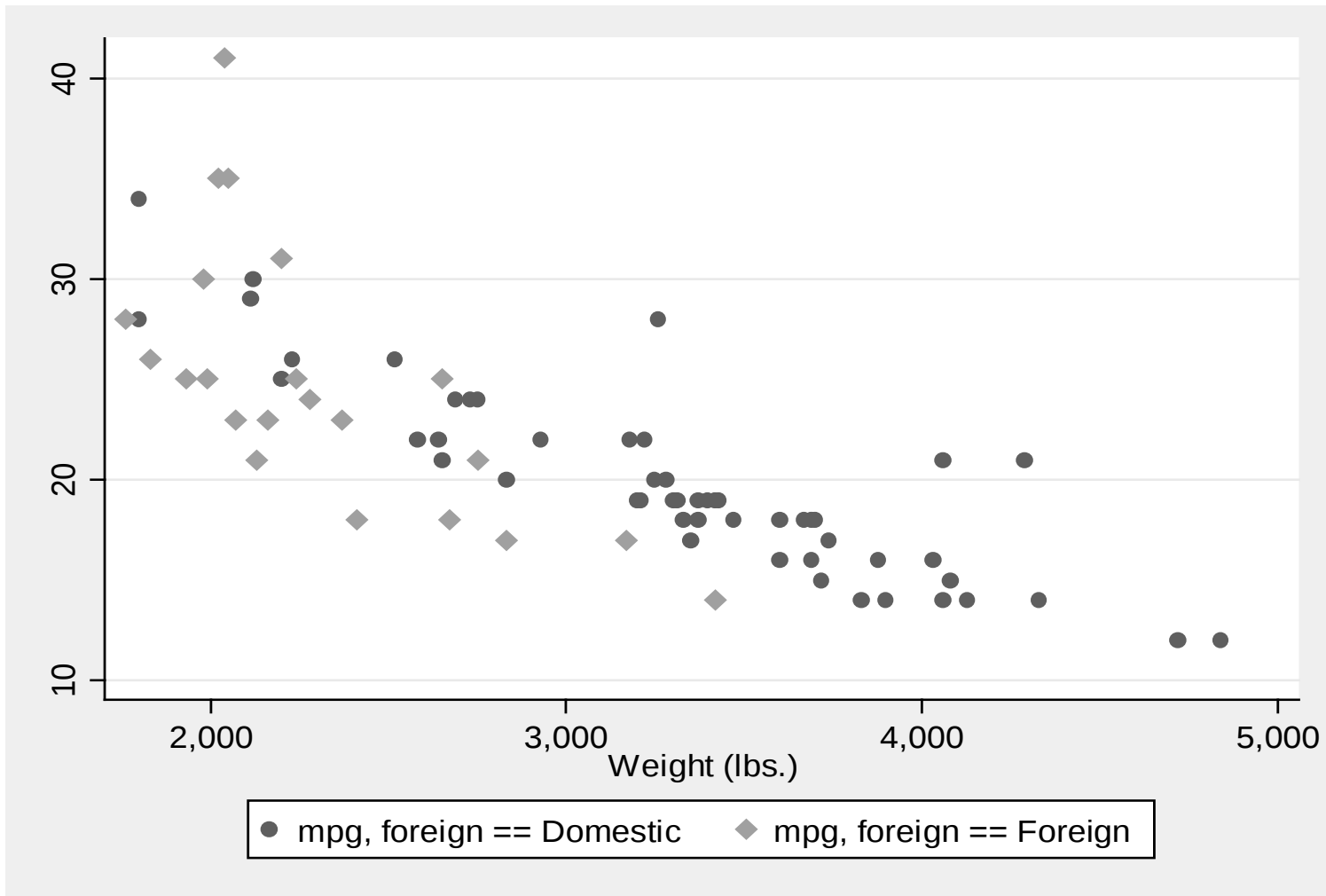
twoway (scatter mpg weight) (lfit mpg
weight), by(foreign)



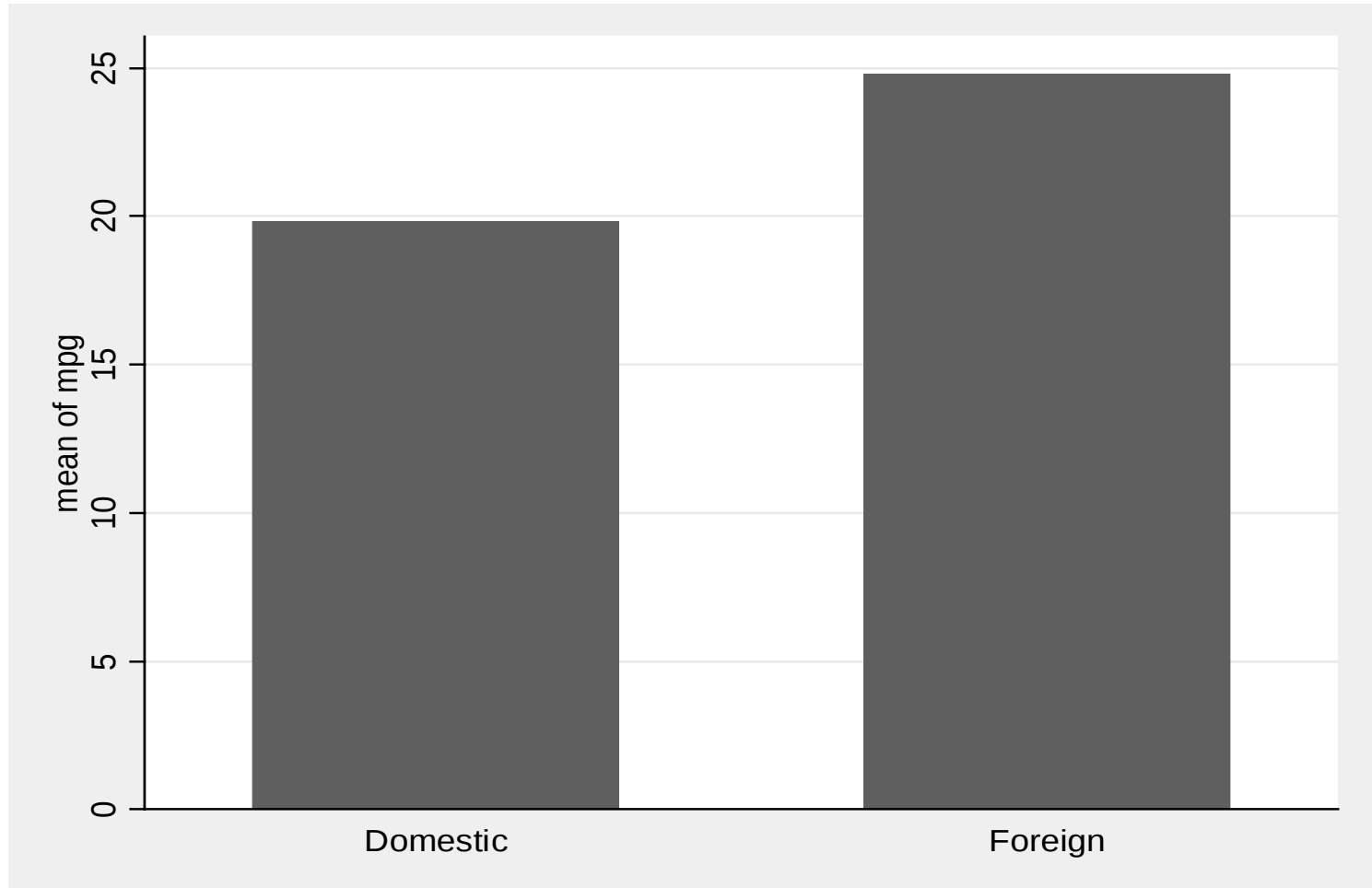
twoway (scatter mpg weight, mlabel(make))



separate mpg, by(foreign)
twoway (scatter mpg0 weight) (scatter mpg1 weight)



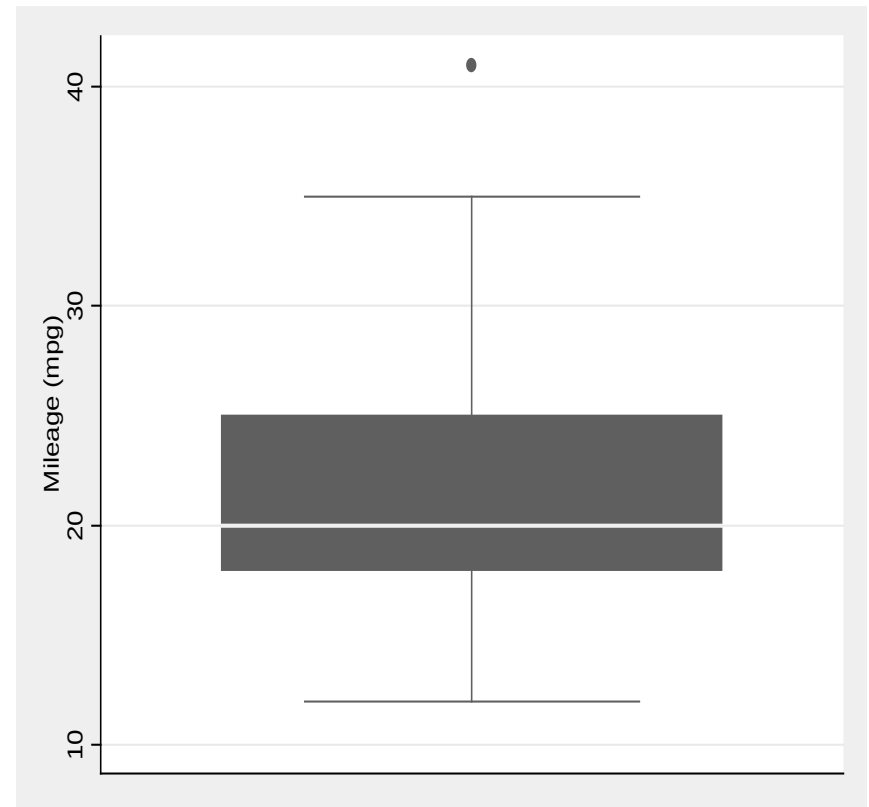
graph bar mpg, over(foreign)



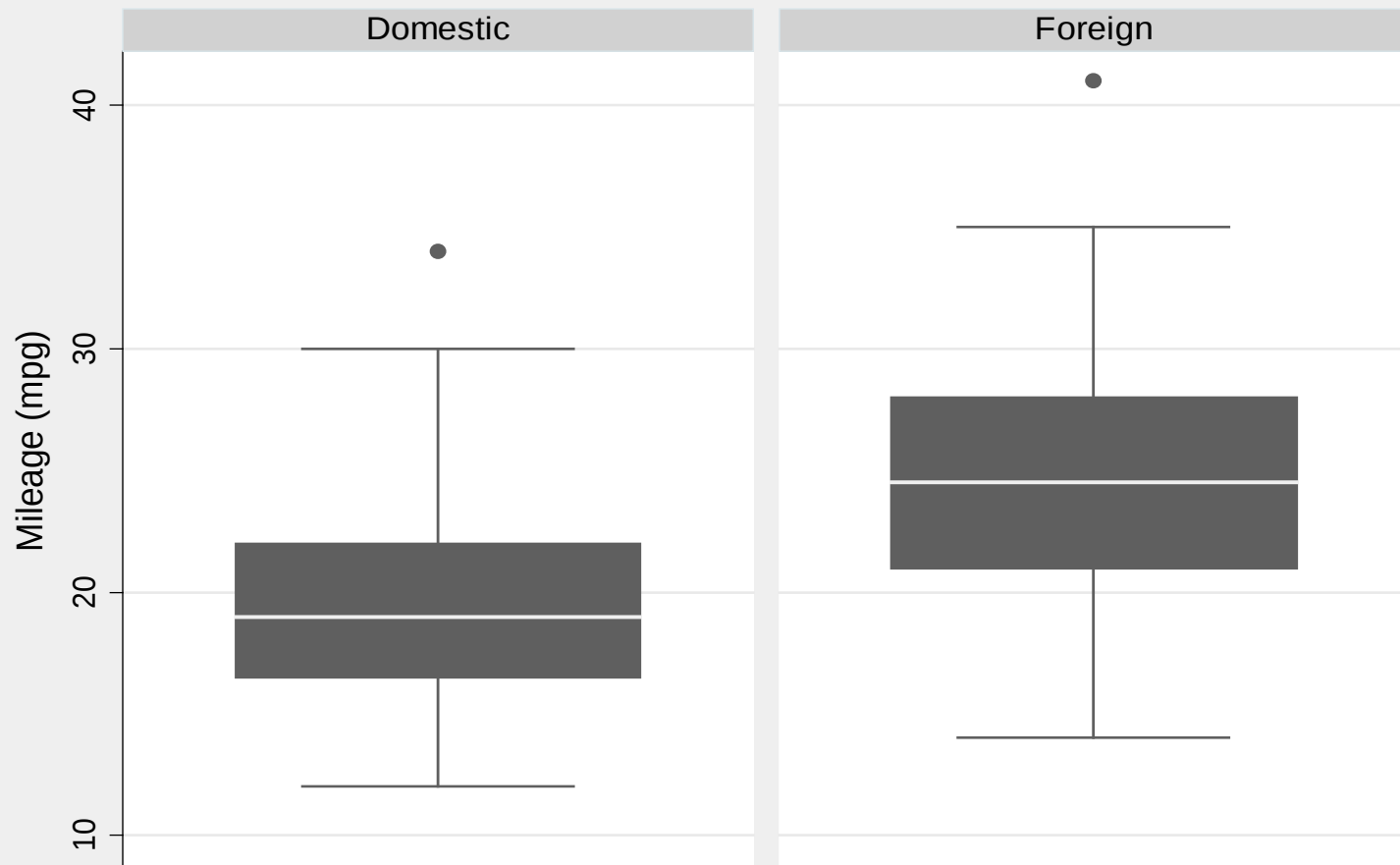
See what happens if you add
asyvar in the last of previous
command

graph box mpg

Box plot is used to examine the distribution of the variable. If variable were normal, the line (the median) would be in the middle of the box (the 25th and 75th percentiles, Q1 and Q3) and the ends of the whiskers (the upper and lower adjacent values, which are the most extreme values which within $Q3 + 1.5(Q3 - Q1)$ and $Q1 - 1.5(Q3 - Q1)$, respectively) would be equidistant from the box.



graph box mpg, by(foreign)



Graphs by Car type