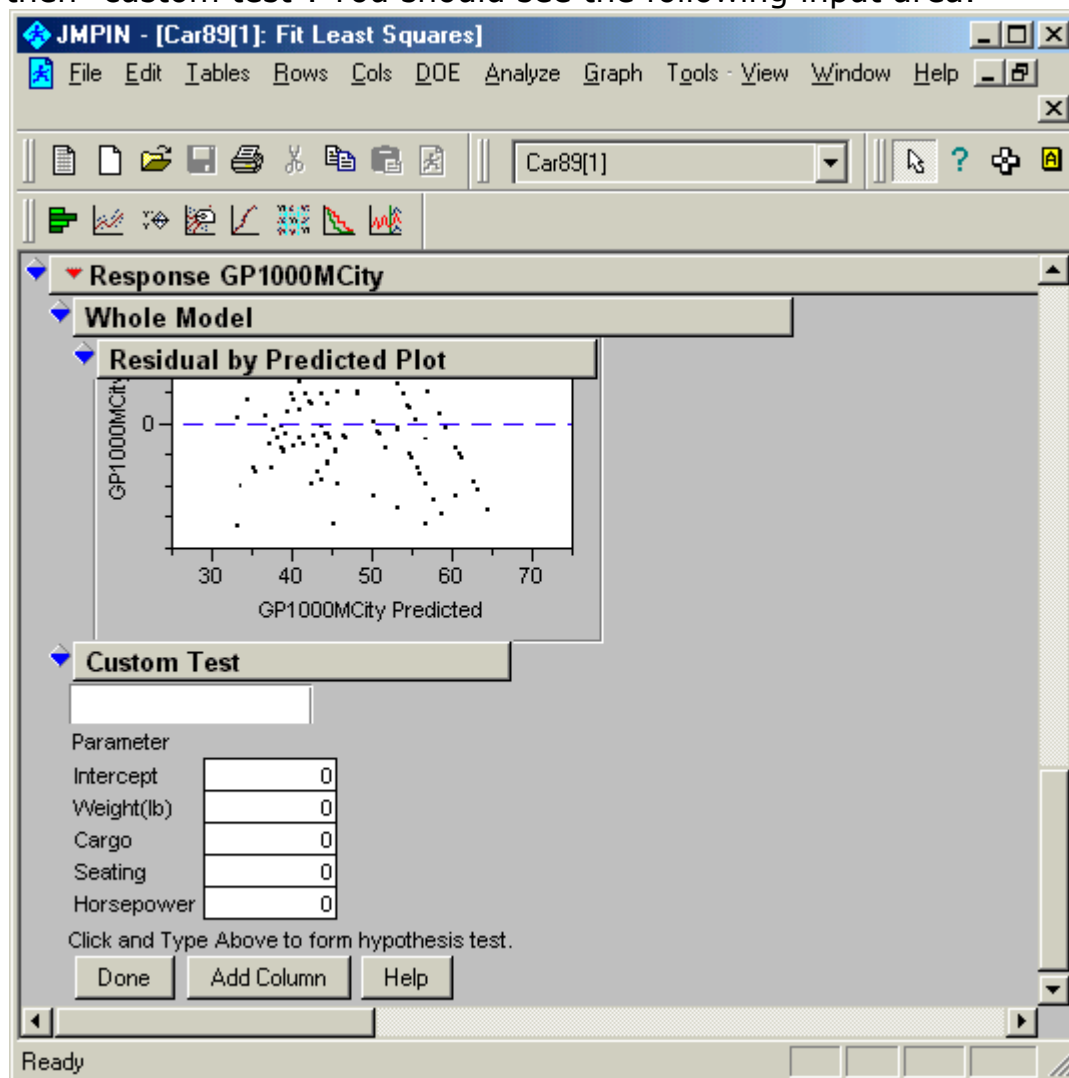


## Example using the partial-F custom test

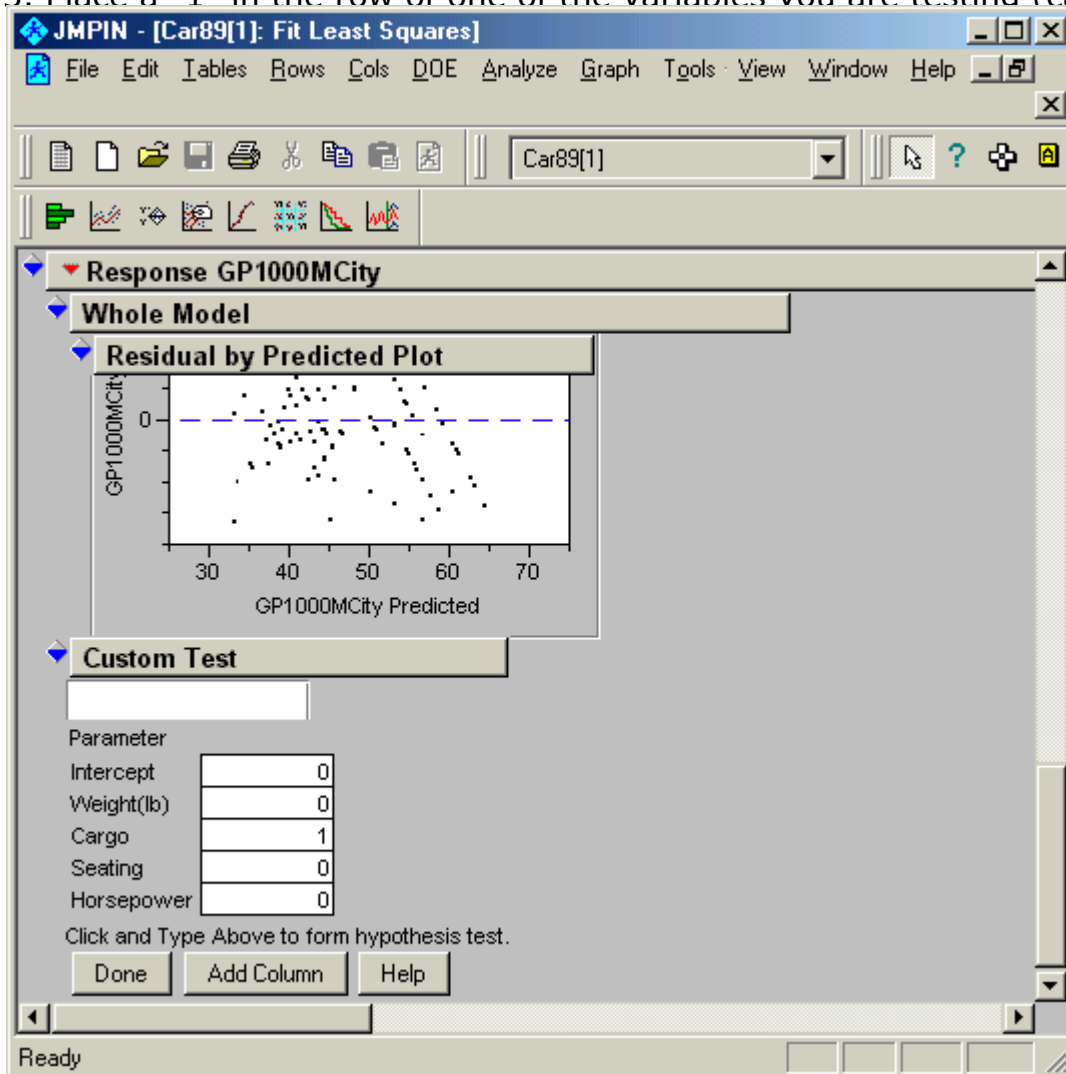
Objective: simultaneously test whether cargo and seating are important in a model containing weight and horsepower.  
Use the CAR89 dataset.

### Steps

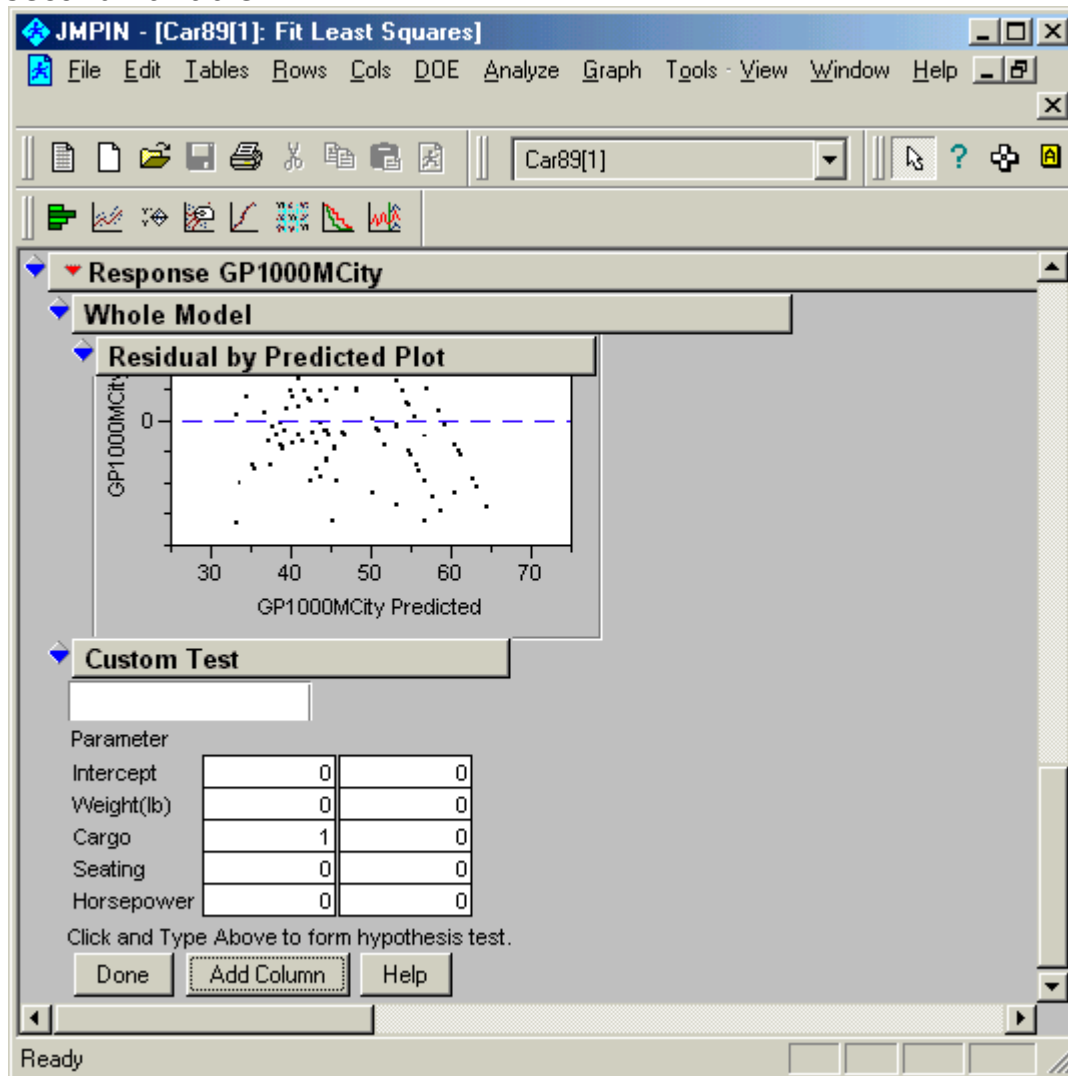
1. Fit the multiple regression model with all 4 terms.
2. In the output from the fit model platform "right click". Follow "estimates", then "custom test". You should see the following input area.



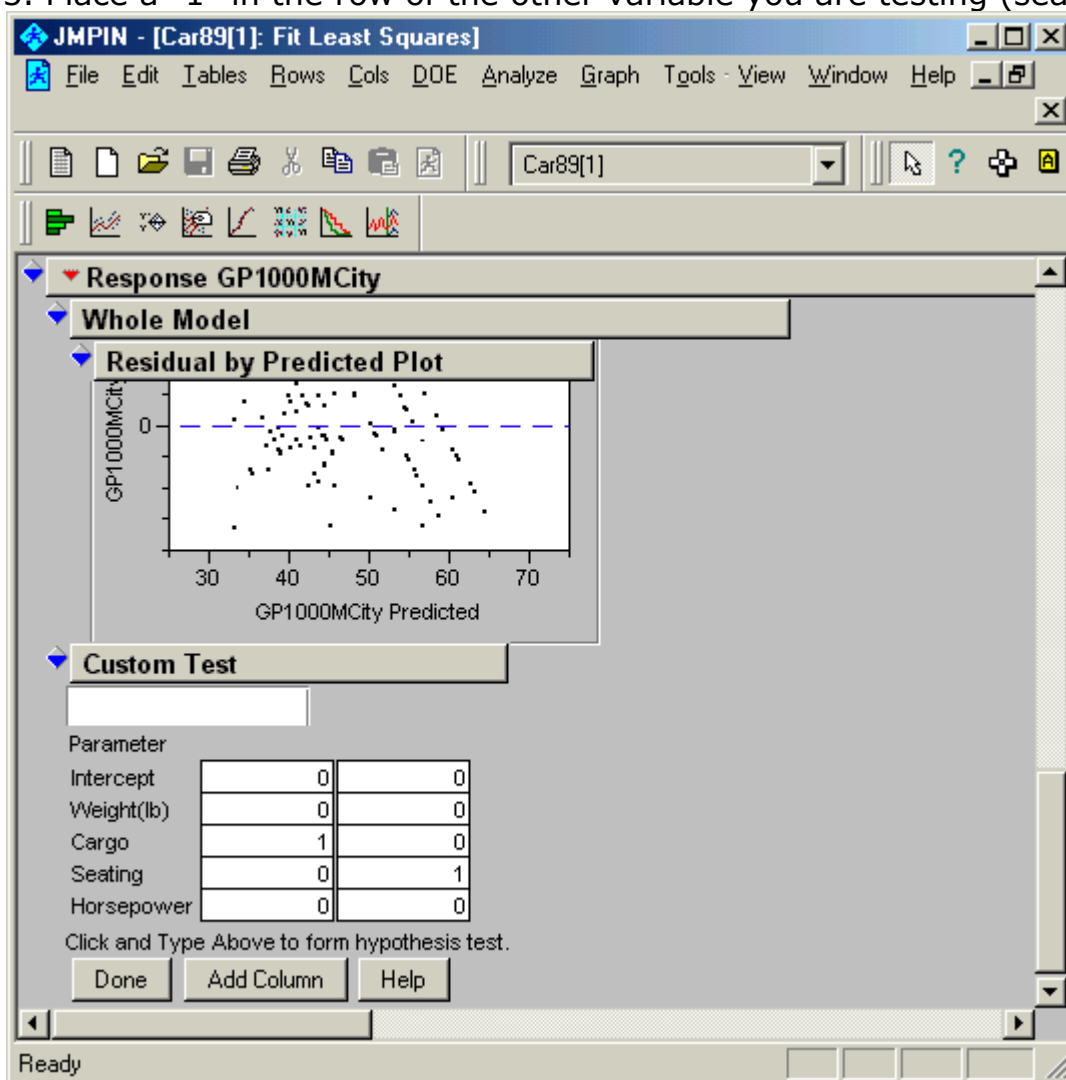
3. Place a "1" in the row of one of the variables you are testing (cargo):



4. Click "add column" and you will see an extra column appear for the second variable



5. Place a "1" in the row of the other variable you are testing (seating)



6. Click done.

7. Note the p-value in the output, 0.036, which tells you that you can

not simultaneously delete both variables from the model

