

```

proc transreg data=WORK.IMPORT ss2 details
    plots=(transformation(dependent) scatter
        observedbypredicted);
    model BoxCox('net imports'n / lambda=-2 -1 -0.5 to 0.5 by 0.05 1 2
        convenient parameter=2 alpha=0.00001) =
        identity('Real-World MPG'n);
run;

data work.transform;
    set WORK.IMPORT;
    'trl_net imports'n='net imports'n-1;
run;

ods noproctitle;
ods graphics / imagemap=on;

proc glmselect data=work.transform outdesign(addinputvars)=Work.reg_design
    plots=(criterionpanel);
    model 'trl_net imports'n='Real-World MPG'n / showpvalues selection=stepwise

    (select=sbcs);
run;

proc reg data=Work.reg_design alpha=0.05 plots(only)=(diagnostics residuals
    fitplot observedbypredicted);
    ods select DiagnosticsPanel ResidualPlot FitPlot ObservedByPredicted;
    model 'trl_net imports'n=&_GLSMOD /;
run;
quit;

proc delete data=Work.reg_design;
run;

```