```
/*
We look to obtain a mean estimate and prediction
for a predictor value not in the data. Because we
don't want to modify the ma2612.fuel data, we first
create a temporary data set to contain all the data:
 */
data fuel;
 set ma2612.fuel;
run;
/*
We now create a temporary data set with a new observation
containing the desired value of the predictor. Notice that
we set the response, F_CONS, to missing.
*/
data newfuel;
 F_CONS=.; E_RATIO=1.10;
 E_5=E_RATIO**5;
run;
/*
Now we append the new observation to the original data.
*/
proc append base=fuel data=newfuel;
run;
/*
And now run the regression with the clm (estimate of mean response)
and cli (prediction) options.
*/
proc reg data=fuel;
 model F_CONS=E_5/clb clm cli alpha=.05;
run;
```