```
options pageno=1 nodate;run;

title1 "LOGISTIC REGRESSION FOR LOBARIA OREGANA USING LICHEN AIR QUALITY DATA";
title2 "Using ALL Predictor Variables";
proc logistic data=import descending;
   model LobaOreg = TransAspect Elevation Slope ACONIF PctConifCov DegreeDays
                    EvapoTransAve EvapoTransDiff MoistIndexAve MoistIndexDiff
                    PrecipAve PrecipDiff RelHumidAve RelHumidDiff TempAve
                    TempDiff VapPressAve VapPressDiff PotGlobRadAve
                    PotGlobRadDiff / ctable;
   roc;
   score data=import1 out=pilotIpred;
run;

proc freq data=pilotIpred;
   tables LobaOreg*I_LobaOreg ;
run;

title2 "With Variable Selection";
proc logistic data=import descending;
   model LobaOreg = TransAspect Elevation Slope ACONIF PctConifCov DegreeDays
                    EvapoTransAve EvapoTransDiff MoistIndexAve MoistIndexDiff
                    PrecipAve PrecipDiff RelHumidAve RelHumidDiff TempAve
                    TempDiff VapPressAve VapPressDiff PotGlobRadAve PotGlobRadDiff
                    / selection = backward sls=0.05 ctable pprob=0.2 0.3 0.4 0.5;
   roc;
   score data=import1 out=pilotIpred;
run;

proc freq data=pilotIpred;
   tables LobaOreg*I_LobaOreg ;
run;
```