

Assignment 5: Logistic Macro Case Study Assignment

Just explain what each highlighted line of code means. (check the downloadable resource)

Questions for this assignment

1. %macro logitma(inpdata, depvar, indvar=, myout =_out);

2. %let dep = %scan(&depvar, &k);

3. model &dep = &indvar;

Download resource files below.


```

data train;
infile "E:\workspace\index\trein.csv" DSD MISSOVER FIRSTOBS=2;
input Passenger Survived Pclass Name$ Sex$ Age SibSp Parch Ticket$ Fare Cabin$
Embarked$;
run;

```

```

%macro logitma(inpdata, depvar, indvar, myout = _out);
  %let k=1;
  %let dep = %scan(&depvar, &k);
  %do %while(&dep NE);
    title "The dependent variable is &depvar";
    title2 "The independent variables are &indvar";
    proc logistic data=&inpdata outest=est&k;
      model &dep = &indvar;
    run;
    %let k = %eval(&k + 1);
    %let dep = %scan(&depvar, &k);
  %end;
  data &myout;
    set
    %do i = 1 %to &k - 1;
      est&i
    %end;
  ;
run;
%mend;

%logitma(train, Survived, indvar=Age, myout=myparam);

```

