

VERY IMPORTANT.....SPSS multinomial logistic regression

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Hi,

I am making an SPSS syntax that should take data written on an excel file, then apply a multinomial logit model to this data. This syntax should be repeated for 50 datasets(datas1,datas2,.....datas50).I want to get 2 outputs

- 1-the estimated parameters
- 2-the percentage of correct classification

But i want this output to be saved in excel files(not in the form of tables as the SPSS output)

so that

output file "1" carries the parameters and % of correct classification resulting from applying the multinomial logit to datas1

output file "2" carries the parameters and % of correct classification resulting from applying the multinomial logit to datas2

output file "3" carries the parameters and % of correct classification resulting from applying the multinomial logit to datas3

and so on till datas50

First ,how could i run the multinomial logit through the syntax?

second,how could i run this 50 times?

third, how could i get the output as desired?

Would it be like this?if so, how to complete with this syntax?

*loading the excel file containing the data.

*****.

Define !XeI().

!do !i=1 !to 50.

GET DATA

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```
/TYPE=XLS
/FILE=!Quote(!concat('E:\simulationexcel\', 'datas', !i, '.xls'))
/SHEET=name 'Sheet1'
/CELLRANGE=full
/READNAMES=on
/ASSUMEDSTRWIDTH=32767.
```

*saving the file after dropping unwanted columns, then loading the new file.

```
*****_
*****.
```

```
SAVE OUTFILE= !quote(!concat('E:\work\', 'datas', !i, '.sav'))
/DROP=V1 V4 V5 V6 V7 V8 V9 V10 V11 V12 V13 /COMPRESSED.
```

GET

```
FILE= !quote(!concat('E:\work\', 'datas', !i, '.sav')).
DATASET NAME DataSet3 WINDOW=FRONT.
```

*computing MLE.

```
*****
```

NOMREG

```
V14 (BASE=LAST ORDER=ASCENDING) WITH @2 @1
/CRITERIA CIN(95) DELTA(0) MXITER(100) MXSTEP(5) CHKSEP(20)
LCONVERGE(0) PCONVERGE(0.000001) SINGULAR(0.00000001)
/MODEL
/STEPWISE = PIN(.05) POUT(0.1) MINEFFECT(0) RULE(SINGLE)
ENTRYMETHOD(LR) REMOVALMETHOD(LR)
/INTERCEPT =INCLUDE
/PRINT = CLASSTABLE PARAMETER SUMMARY LRT CPS STEP MFI
/SAVE PREDCAT .
```

Waiting for your reply
Thanks inadvance