

```

/*****/
/*          MACRO MATCHING N:M
              */
/*          Aurélien VESIN 2007 INSERM U823
              */
/*
              */
/*          TABLE =    Table d'entrée
              */
/*          ID =       Identifiant d'observation
              */
/*          VARMATCH = Ensemble des variables
              */
/*
              d'appariement QUALITATIVES
              */
/*
              séparées par une astérisque
              */
/*          Renvoi une variable STRATE_NM dans la table
              */
/*          d'origine
              */
/*****/

```

```
%macro match_nm(table,id,varmatch,varcase);
```

```

data _null_;
format var $200.;
var=translate("&varmatch", " ","*");
call symput ("varmatch2",var);
run;

```

```
data temp;set &table;keep &id &varmatch2;run;
```

```

proc freq data=temp noprint;table &varmatch/out=count;run;
data count;set count;strate_nm=_N_;keep strate_nm &varmatch2;run;

```

```

proc sort data=temp;by &varmatch2;run;
proc sort data=count;by &varmatch2;run;

```

```
data temp;merge temp count;by &varmatch2;run;
```

```

proc sort data=&table;by &id;run;
proc sort data=temp;by &id;run;

```

```
data &table;merge &table temp;by &id;run;
```

```

%put *****,
%put *          VARIABLE STRATE_NM AJOUTEE A LA TABLE D ENTREE          *,
%put *****,

```

```
/* DETAILS SUR LES EFFECTIFS DES STRATES */  
proc freq noprint data=&table;table strate_nm*&varcase /norow nocol nopercen  
out=freq;run;  
data freq;set freq(drop=percent count);retain both 0;if first.strate_nm then both=0;by  
strate_nm;both+1;run;  
data freq;set freq;informative=(both=2);run;  
proc sql;create table freq as select strate_nm as strate_nm, max(informative) as informative  
from freq group by strate_nm;  
proc sort data=&table;by strate_nm;run;  
data freq;merge &table(keep=strate_nm &id &varcase) freq;by strate_nm;run;  
data freq;set freq;if informative=1 then info2='Oui';else info2='Non';run;  
proc freq;title 'Effectif dans les strates informatives et non informatives';  
table &varcase*info2/norow nocol nopercen;label info2="Strates Informatives";run;  
run;  
  
%mend;
```