

TITLE:

DATA:

FILE IS J:\1958\hbehaviours15_09v8.dat;

VARIABLE:

NAMES ARE

IDGP health16 dis16 cog11 highqual4 srh4 employ23
lsi23 malaise dvht23 dvht07 BMI23 ClassMenFinal
ClassWomenFinal tenure ses23 famnetr a16_totalscore
a16_divorce drinksix smok42_1 sum_sed sum_modvig
freqmodvidcat meetuk auditbin bmi overweightandobese
whr_women whr_men phys23 smoke23 drink23 ESEPNew smoke16;

USEVARIABLES ARE

dvht07 health16 cog11 dis16 ESEPNew srh4
a16_divorce a16_totalscore employ23 tenure famnetr
lsi23 malaise BMI23 dvht23 ses23 smoke23
drink23 smoke16 phys23 auditbin
class2
class3 class4 class5 class6
edu2 edu3 edu4 edu5 ;

CATEGORICAL ARE

health16 auditbin srh4 employ23 lsi23 malaise
tenure drink23 smoke23 phys23
a16_divorce
edu2 edu3 edu4 edu5;

missing are health16 - smoke16 (9999);
IDvar is IDGP;
useobs ClassMenFinal < 9999;

DEFINE:

cut health16 (4);
cut srh4 (2);
cut employ23 (1);
cut lsi23 (1);

If (ClassMenFinal eq 1) then class2 = 0;
If (ClassMenFinal eq 2) then class2 = 1;
If (ClassMenFinal eq 3) then class2 = 0;
If (ClassMenFinal eq 4) then class2 = 0;
If (ClassMenFinal eq 5) then class2 = 0;
If (ClassMenFinal eq 6) then class2 = 0;

If (ClassMenFinal eq 1) then class3 = 0;
If (ClassMenFinal eq 2) then class3 = 0;
If (ClassMenFinal eq 3) then class3 = 1;
If (ClassMenFinal eq 4) then class3 = 0;
If (ClassMenFinal eq 5) then class3 = 0;
If (ClassMenFinal eq 6) then class3 = 0;

If (ClassMenFinal eq 1) then class4 = 0;
If (ClassMenFinal eq 2) then class4 = 0;
If (ClassMenFinal eq 3) then class4 = 0;
If (ClassMenFinal eq 4) then class4 = 1;
If (ClassMenFinal eq 5) then class4 = 0;
If (ClassMenFinal eq 6) then class4 = 0;

If (ClassMenFinal eq 1) then class5 = 0;
If (ClassMenFinal eq 2) then class5 = 0;
If (ClassMenFinal eq 3) then class5 = 0;
If (ClassMenFinal eq 4) then class5 = 0;
If (ClassMenFinal eq 5) then class5 = 1;
If (ClassMenFinal eq 6) then class5 = 0;

If (ClassMenFinal eq 1) then class6 = 0;
If (ClassMenFinal eq 2) then class6 = 0;
If (ClassMenFinal eq 3) then class6 = 0;
If (ClassMenFinal eq 4) then class6 = 0;
If (ClassMenFinal eq 5) then class6 = 0;
If (ClassMenFinal eq 6) then class6 = 1;

If (highqual4 eq 0) then edu2 = 0;
If (highqual4 eq 1) then edu2 = 1;
If (highqual4 eq 2) then edu2 = 0;
If (highqual4 eq 3) then edu2 = 0;
If (highqual4 eq 4) then edu2 = 0;

If (highqual4 eq 0) then edu3 = 0;
If (highqual4 eq 1) then edu3 = 0;
If (highqual4 eq 2) then edu3 = 1;
If (highqual4 eq 3) then edu3 = 0;
If (highqual4 eq 4) then edu3 = 0;

```
If (highqual4 eq 0) then edu4 = 0;
If (highqual4 eq 1) then edu4 = 0;
If (highqual4 eq 2) then edu4 = 0;
If (highqual4 eq 3) then edu4 = 1;
If (highqual4 eq 4) then edu4 = 0;
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```
If (highqual4 eq 0) then edu5 = 0;
If (highqual4 eq 1) then edu5 = 0;
If (highqual4 eq 2) then edu5 = 0;
If (highqual4 eq 3) then edu5 = 0;
If (highqual4 eq 4) then edu5 = 1;
```

ANALYSIS:

```
TYPE is general;
ESTIMATOR IS mlr;
ITERATIONS = 10000000;
CONVERGENCE = 0.0005;
integration = montecarlo (100);
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Processors = 4;
```

MODEL:

```
edu2 edu3 edu4 edu5 srh4 malaise lsi23 BMI23 drink23 on health16
esepnew dvht07 a16_divorce a16_totalscore
cog11 dis16 smoke16;
smoke23 employ23 ses23 tenure dvht23 employ23 famnetr on health16
esepnew dvht07 a16_divorce a16_totalscore
cog11 dis16 smoke16;
phys23 on health16
esepnew dvht07 a16_divorce a16_totalscore
cog11 dis16 smoke16;
health16 a16_totalscore dvht07 a16_divorce a16_totalscore on esepnew;
cog11 dis16 smoke16 on esepnew;
auditbin on class2
class3 class4 class5 class6
esepnew health16 dis16 dvht07 cog11 a16_totalscore
a16_divorce edu2 edu3 edu4 edu5 srh4 ses23 tenure
famnetr srh4 malaise employ23 lsi23 dvht23;
esepnew;
```

```
OUTPUT: Sampstat stand CINT PATTERNS TECH1 TECH8;
PLOT: TYPE is plot1;
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PLOT: type is plot2;
PLOT: type is plot3;

SAVEDATA: