

```
DATA cancer;
INFILE '/home/u58684395/tutorial7/tuynsc.txt';
INPUT Case Age AgeGP TobaccoGP TobaccoAMT logT1 Beer Cider Wine Aperitif Digestive
TotalA LogTotalA1;
AlcoholGP = 0;
AgeGP2 = 0;
TobaccoGP2 = 0;
IF TotalA ge 10 THEN AlcoholGP=1;
IF AgeGP>3 then AgeGP2=1;
IF TobaccoGP>0 then TobaccoGP2=1;
RUN;
```

```
PROC FORMAT;
VALUE CCFmt 1='Case' 0='Control';
VALUE AGEGPFmt 1='25-34' 2='35-44' 3='45-54' 4='55-64' 5='65-74' 6='75+';
VALUE TOBGPFmt 0='None' 1='1-4' 2='5-9' 3='10-14' 4='15-19' 5='20-29' 6='30-39'
7='40-49' 8='50+' 9='Unknown';
VALUE TOBGP2Fmt 0='None' 1='Any';
VALUE AGEGP2Fmt 0='< 55' 1='55+';
RUN;
```

```
PROC LOGISTIC DATA=cancer DESCENDING;
MODEL Case=AgeGP2;
RUN;
PROC LOGISTIC DATA=cancer DESCENDING;
MODEL TobaccoGP2=AgeGP2;
WHERE TobaccoGP<9; /* 9 is unknown */
RUN;
```

```
PROC LOGISTIC DATA=cancer DESCENDING;
MODEL Case=TobaccoGP2 AgeGP2 AlcoholGP;
WHERE TobaccoGP<9;
RUN;
```