libname lib0 '/folders/myfolders/NAMCSinput';

libname lib1 '/folders/myfolders/SASoutput';

Data lib1.namcschanges; set lib1.namcschanges ;

if (year ge 2007);

KEEP

patwt

vmonth

year

age

sex

Racer

Ethim

diag1

diag2

diag3

diag1r

diag2r

diag3r

SPECR

SPECR\_14

NUMCONT

Med

NUMNEW

MAJOR

NODISP

RETREFPHY

REFOTHMD

RETAPPT1

RETAPPT2

RETAPPT3

RETUNSP

RETNEED

SENBEFOR

ERADMHOS

OTHDISP

VDAYR

REGIONOFF

;

Data lib1.namcschanges; set lib1.namcschanges;

If diag1r=170610

or diag2r=170610

or diag3r=170610

or DIAG1='L700'

or DIAG2='L700'

or DIAG3='L700'

then acne=1;

else acne=0;

If diag1r=170200

or diag2r=170200

or diag3r=170200

or DIAG1='L570'

or DIAG2='L570'

or DIAG3='L570'

then ak=1 ;

else AK=0;

If diag1r=169290

or diag2r=169290

or diag3r=169290

or diag4r=169290

or diag5r=169290

or DIAG1='L259'

or DIAG2='L259'

or DIAG3='L259'

or DIAG4='L259'

or DIAG5='L259'

then contderm=1;

else contderm=0;

If diag1r=121690

or diag2r=121690

or diag3r=121690

or diag4r=121690

or diag5r=121690

or DIAG1='D239'

or DIAG2='D239'

or DIAG3='D239'

or DIAG4='D239'

or DIAG5='D239'

then benignneo=1;

else benignneo=0;

If diag1r=170620

or diag2r=170620

or diag3r=170620

or diag4r=170620

or diag5r=170620

or DIAG1='L723'

or DIAG2='L723'

or DIAG3='L723'

or DIAG4='L723'

or DIAG5='L723'

then SC=1;

else SC=0;

if ak=1 or acne=1 or contderm=1 or benignneo=1 or SC=1

then dermdiag=1;

else dermdiag=0;

if specr=9 or SPECR\_14=9

then dermvisit=1;

else dermvisit=0;

Data new; set lib1.namcschanges;

if dermdiag=1;

title1 'All visits for derm diagnoses';

proc surveyfreq;

tables sex/clwt cl ;

weight patwt;

run;

Data new; set lib1.namcschanges;

if dermdiag=1;

title1 'Average age for derm diagnoses';

proc surveymeans all deciles;

var age;

weight patwt;

run;

Data new; set lib1.namcschanges;

if dermvisit=1;

Title1 'dermdiagnoses visits by year';

Proc surveyreg;

Model dermdiag= year/clparm;

Weight PATWT;

run;

Data new; set lib1.namcschanges;

if dermvisit=1;

title1 'derm diagnoses visits by year dermatologists';

proc surveyfreq;

tables year/clparm ;

weight patwt;

run;

Data new; set lib1.namcschanges;

if dermvisit=1 and dermdiag=1;

title1 'top 5derm diagnoses visits by year dermatologists';

proc surveyfreq;

tables year/clparm ;

weight patwt;

run;

Data new; set lib1.namcschanges;

if dermvisit=0 and dermdiag=1;

title1 'top 5derm diagnoses visits by year for non-dermatologists';

proc surveyfreq;

tables year/clparm ;

weight patwt;

run;

Data new; set lib1.namcschanges;

if dermvisit=1;

Title1 'AK visits by year for dermatologists';

Proc surveyreg;

Model AK= year/clparm;

Weight PATWT;

run;

Data new; set lib1.namcschanges;

if AK=1 and dermvisit=1;

title1 'AK visits by year for dermatologists';

proc surveyfreq;

tables year/clparm ;

weight patwt;

run;

Data new; set lib1.namcschanges;

if dermvisit=1;

Title1 'Acne visits by year for dermatologists';

Proc surveyreg;

Model acne= year/clparm;

Weight PATWT;

run;

Data new; set lib1.namcschanges;

if acne=1 and dermvisit=1;

title1 'Acne visits by year for dermatologists';

proc surveyfreq;

tables year/clparm ;

weight patwt;

run;

Data new; set lib1.namcschanges;

if dermvisit=1;

Title1 'Contact dermatitis visits by year for dermatologists';

Proc surveyreg;

Model contderm= year/clparm;

Weight PATWT;

run;

Data new; set lib1.namcschanges;

if contderm=1 and dermvisit=1;

title1 'Contact dermatitis visits by year for dermatologists';

proc surveyfreq;

tables year/clparm ;

weight patwt;

run;

Data new; set lib1.namcschanges;

if dermvisit=1;

Title1 'Benign Neoplasm of Skin visits by year for dermatologists';

Proc surveyreg;

Model benignneo= year/clparm;

Weight PATWT;

run;

Data new; set lib1.namcschanges;

if benignneo=1 and dermvisit=1;

title1 'Benign Neoplasm of Skin visits by year for dermatologists';

proc surveyfreq;

tables year/clparm ;

weight patwt;

run;

Data new; set lib1.namcschanges;

if dermvisit=1;

Title1 'Sebaceous cyst visits by year for dermatologists';

Proc surveyreg;

Model SC= year/clparm;

Weight PATWT;

run;

Data new; set lib1.namcschanges;

if SC=1 and dermvisit=1;

title1 'Sebaceous cyst visits by year for dermatologists';

proc surveyfreq;

tables year/clparm ;

weight patwt;

run;

Data new; set lib1.namcschanges;

if dermvisit=0;

Title1 'dermdiagnoses visits by year for non-dermatologists';

Proc surveyreg;

Model dermdiag= year/clparm;

Weight PATWT;

run;

Data new; set lib1.namcschanges;

if dermvisit=0;

title1 'Dermdiagnoses by year for non-dermatologists';

proc surveyfreq;

tables year/clparm ;

weight patwt;

run;

Data new; set lib1.namcschanges;

if dermvisit=0;

Title1 'AK visits by year for non-dermatologists';

Proc surveyreg;

Model AK= year/clparm;

Weight PATWT;

run;

Data new; set lib1.namcschanges;

if AK=1 and dermvisit=0;

title1 'AK visits by year for non-dermatologists';

proc surveyfreq;

tables year/clparm ;

weight patwt;

run;

Data new; set lib1.namcschanges;

if dermvisit=0;

Title1 'Acne visits by year for non-dermatologists';

Proc surveyreg;

Model acne= year/clparm;

Weight PATWT;

run;

Data new; set lib1.namcschanges;

if acne=1 and dermvisit=0;

title1 'Acne visits by year for non-dermatologists';

proc surveyfreq;

tables year/clparm ;

weight patwt;

run;

Data new; set lib1.namcschanges;

if dermvisit=0;

Title1 'Contact dermatitis visits by year for non-dermatologists';

Proc surveyreg;

Model contderm= year/clparm;

Weight PATWT;

run;

Data new; set lib1.namcschanges;

if contderm=1 and dermvisit=0;

title1 'Contact dermatitis visits by year for non-dermatologists';

proc surveyfreq;

tables year/clparm ;

weight patwt;

run;

Data new; set lib1.namcschanges;

if dermvisit=0;

Title1 'Benign neoplasm of skin visits by year for non-dermatologists';

Proc surveyreg;

Model benignneo= year/clparm;

Weight PATWT;

run;

Data new; set lib1.namcschanges;

if benignneo=1 and dermvisit=0;

title1 'Benign neoplasm of skin visits by year for non-dermatologists';

proc surveyfreq;

tables year/clparm ;

weight patwt;

run;

Data new; set lib1.namcschanges;

if dermvisit=0;

Title1 'Sebaceous cyst visits by year for non-dermatologists';

Proc surveyreg;

Model SC= year/clparm;

Weight PATWT;

run;

Data new; set lib1.namcschanges;

if SC=1 and dermvisit=0;

title1 'Sebaceous cyst visits by year for non-dermatologists';

proc surveyfreq;

tables year/clparm ;

weight patwt;

run;

Data new; set lib1.namcschanges;

if dermvisit=0 and skin=1;

Title1 'Skin exams by year for non-dermatologists';

Proc surveyreg;

Model SC= year/clparm;

Weight PATWT;

run;

Data new; set lib1.namcschanges;

if dermvisit=0 and dermdiag=1 and skin=1;

Title1 'Skin exams by year for non-dermatologists';

Proc surveyreg;

Model SC= year/clparm;

Weight PATWT;

run;