

```
/*=====
==
```

*Covance Study ID : 000000106331

*Program Name : t_cohb_comp.sas

*Purpose : Descriptive Statistics of Blood COHb (%) - Compliant Population

Table 15.2.4.1.3

*Input Data : adam.adsl, ADAM.adbx

*Output Data : tflds.T_15_02_04_01_03, tflds.T_15_02_04_01_03_F

*Macros Called : %m_printto, %m_logchk, %fmmeans, %mmeans, %trt, %mfinp, %outrtf

*Programmed by : L.Ma

*Creation Date : 2015-05-14

```
*=====
==
```

*Modification History

*Date Initials No. Reason;

```
*=====
==*/
```

options notes nosource;

proc datasets lib=work nolist memtype=data kill; quit;

options notes source source2 nofullstimer validvarname=upcase missing=' ';

ods _all_ close;

ods listing;

%m_printto;

```
*=====
```

```
*** Creating dataset for figures ***;
```

```
*=====
```

```
*Figure person asked the variable list: param paramn paramcd avalu trtpn trtp apuper apuperc avisitn  
avisit atptn atpt lclm uclm mean;
```

```
data adbx1_f;
```

```
    set adam.adbx;
```

```
    where anl02fl='Y' AND PARCAT1 = 'BIOMARKERS' AND PARAM = 'COHb (%)' AND LBSPEC =  
'BLOOD';
```

```
    if ablfl='Y' then avisit='Baseline';
```

```
run;
```

```
%macro fmmeans(prd=, class=, var=, out=);
```

```
/*Bring in data from ADBX for Blood COHb - Compliant Population for each period per Mock*/
```

```
data adbx_f;
```

```
    set adbx1_f;
```

```
    where &prd.;
```

```
    if aval ne 0 and aval ne . then logaval=log(aval);
```

```
/*According to QCer/Figure person Keep Baseline data only one (when atpt="DAY 0 - 20:00 -  
21:30"). */
```

```
    if avisit='Baseline' and atpt='DAY -1 - 20:00 - 21:30' then delete;
```

*according to Jyothsna phone on 16Jul2015 keep baseline record only for period 1 and make the missing value of apuperc/apuper to period 1/1;

if apuperc="" then apuperc='Period 1';

if apuper=. then apuper=1;

run;

*proc mean need Geometric Mean part for figures;

proc means data=adbx_f noprint nway;

var &var.;

class &class.;

output out=rs_f mean=mean1 lclm=lci1 uclm=uci1;

run;

data &out.;

set rs_f;

gmean1=exp(mean1);

mean=round(gmean1,0.01);

glci=exp(lci1);

guci=exp(uci1);

if not missing(glci) then lclm=0.01*floor(glci/0.01);

if not missing(guci) then uclm=0.01*ceil(guci/0.01);

keep param paramn paramcd avalu trtpn trtp apuper apuperc avisitn avisit atptn atpt lclm uclm
mean;

run;

```

proc sort data=&out.;

    by paramn trtpn avisitn avisit atptn;

run;

%mend fmmeans;

%fmmeans(prd=(COMPP1FL='Y' and avisit in ('Baseline' 'Day 1' 'Day 2' 'Day 3' 'Day 4' 'Day 5')),
class=param paramn paramcd avalu trtpn trtp apuper apuperc avisitn avisit atptn atpt, var=logaval,
out=out_p1_f);

%fmmeans(prd=(COMPP2FL='Y' and avisit in ('Day 30')), class=param paramn paramcd avalu trtpn trtp
apuper apuperc avisitn avisit atptn atpt, var=logaval, out=out_p2_f);

%fmmeans(prd=(COMPP3FL='Y' and avisit in ('Day 60')), class=param paramn paramcd avalu trtpn trtp
apuper apuperc avisitn avisit atptn atpt, var=logaval, out=out_p3_f);

%fmmeans(prd=(COMPP4FL='Y' and avisit in ('Day 90')), class=param paramn paramcd avalu trtpn trtp
apuper apuperc avisitn avisit atptn atpt, var=logaval, out=out_p4_f);

data rs_f;

    set out_p1_f
        out_p2_f
        out_p3_f
        out_p4_f;

    if not missing(mean) then mean = round(mean,0.01) ;

    if not missing(lclm) then lclm = 0.01*floor(lclm/0.01);

    if not missing(uclm) then uclm = 0.01*ceil(uclm/0.01);

    keep param paramn paramcd avalu trtpn trtp apuper apuperc avisitn avisit atptn atpt lclm uclm
mean;

run;

/*output data for figure; */

```

```
data tflds.T_15_02_04_01_03_F(keep=param paramn paramcd avalu trtpn trtp apuper apuperc avisitn  
avisit atptn atpt lclm uclm mean);
```

```
set rs_f;
```

```
run;
```

```
*=====
```

```
*** for Table 15.2.4.1.3;
```

```
*=====;
```

```
/*Macro to get N values from ADAM.ADSL for column headers for each period per Mock*/
```

```
%macro trt(pfl= );
```

```
proc sql;
```

```
    %global trt1 trt2 trt3;
```

```
    select count(distinct usubjid) into: trt1 from adam.adsl(where=(trt01pn = 4 and &pfl.));
```

```
    select count(distinct usubjid) into: trt2 from adam.adsl(where=(trt01pn = 5 and &pfl.));
```

```
    select count(distinct usubjid) into: trt3 from adam.adsl(where=(trt01pn = 3 and &pfl.));
```

```
quit;
```

```
%mend trt;
```

```
/*Bring in data from ADBX for Blood COHb */
```

```
data adbx1;
```

```
    set adam.adbx;
```

```
    where anl02fl='Y' AND PARCAT1 = 'BIOMARKERS' AND PARAM = 'COHb (%)' AND LBSPEC =  
'BLOOD' ;
```

```
    if          trtpn=4 then trt=1;
```

```

        else if trtpn=5 then trt=2;

        else if trtpn=3 then trt=3;

        if ablfl='Y' then avisit='Baseline';

run;

/*macro for general mean stats(n mean std median min max Q25 Q75 lclm uclm)for each period per
mock;*/

%macro mmeans(pfl=, prd=, class=, var=, out=);

/*get N values for column headers for each period*/

%trt(pfl=&pfl.);

/*Bring in data from ADBX for Blood COHb - Compliant Population for each period per Mock*/

data adbx;

    set adbx1;

    where &prd.;

    /*Keep Baseline data in one obs. per 5/15/2015 JH email*/

    if avisit='Baseline' then do; avisitn=100; atpt="DAY 0 - 20:00 - 21:30"; atptn=1.00; end;

run;

proc means data=adbx noprint nway;

    var &var.;

    class &class. trt;

    output out=results02 n=n1 mean=mean1 std=std1 median=median1 min=min1 max=max1 q1=q1
q3=q3 lclm=lci1 uclm=uci1;

run;

```

```
data results03;  
  
set results02;  
  
attrib meansd length=$20.
```

```
minmax length=$20.
```

```
n    length=$20.
```

```
miss length=$20.
```

```
median length=$20.
```

```
quart aci length=$20.;
```

```
n = left(compress(put(n1,8.)));
```

```
  *for <missing, n(%>;
```

```
  if trt=1 then do;
```

```
    *format missing cell to 0 per John email on 8-5-2015;
```

```
    if &trt1.=n1 then miss="0";
```

```
    else miss=strip(put(((&trt1.-  
n1)*100)/&trt1., 8.1)) || " ";
```

```
  end;
```

```
  else if trt=2 then do;
```

```
    if &trt2.=n1 then miss="0";
```

```
    else miss=strip(put(((&trt2.-  
n1)*100)/&trt2., 8.1)) || " ";
```

```
  end;
```

```
  else if trt=3 then do;
```

```
    if &trt3.=n1 then miss="0";
```

```
    else miss=strip(put(((&trt3.-  
n1)*100)/&trt3., 8.1)) || " ";
```

```
  end;
```

```

    if not missing(median1) then median = left(compress(put(round(median1,0.01),8.2)));

    if not missing(mean1) and not missing(std1) then meansd =
left(compress(put(round(mean1,0.01),8.2))) || ' (' || left(compress(put(0.001*ceil(std1/0.001),8.3))) ||
');

    if not missing(min1) and not missing(max1) then minmax = left(compress(put(min1,8.1))) || ', ' ||
left(compress(put(max1,8.1)));

    if not missing(lci1) and not missing(uci1) then aci = strip(put(0.01*floor(lci1/0.01),8.2)) || ', ' ||
strip(put(0.01*ceil(uci1/0.01),8.2));

    if not missing(q1) and not missing(q3) then quart = strip(strip(put(round(q1, 0.01),8.2)) || ', ' ||
strip(put(round(q3, 0.01),8.2)));

```

```

        drop n1 mean1 std1 median1 min1 max1 q1 q3 uci1 lci1 ;

```

```

run;

```

```

proc transpose data=results03 out=&out prefix=r name=varname;

```

```

    by &class.;

```

```

    var n miss meansd median minmax aci quart;

```

```

    id trt;

```

```

run;

```

```

data &out.;

```

```

    set &out.;

```

```

    length stat $200;

```

```

    if upcase(varname)='N'          then do; statord=1; stat='n'; end;

```

```

    if upcase(varname)='MISS'       then do; statord=2; stat='Missing, n (%)'; end;

```

```

    if upcase(varname)='MEDIAN' then do; statord=7; stat='Median'; end;

```

```

    if upcase(varname)='QUART'     then do; statord=8; stat='Q25, Q75'; end;

```



```

        if upcase(varname)='MINMAX' then do; statord=9; stat='Min, Max'; end;

        if upcase(varname)='MEANSD' then do; statord=10; stat='Mean (SD)'; end;

        if upcase(varname)='ACI'          then do; statord=11; stat='95% CI of Mean'; end;

run;

%mend mmeans;


%mmeans(pfl=(COMPP1FL='Y'), prd=(COMPP1FL='Y' and avisit in ('Baseline' 'Day 1' 'Day 2' 'Day 3' 'Day 4'
'Day 5')), class=avisitn avisit atptn atpt, var=aval, out=out_p1);

%mmeans(pfl=(COMPP2FL='Y'), prd=(COMPP2FL='Y' and avisit in ('Baseline' 'Day 30')), class=avisitn avisit
atptn atpt, var=aval, out=out_p2);

%mmeans(pfl=(COMPP3FL='Y'), prd=(COMPP3FL='Y' and avisit in ('Baseline' 'Day 60')), class=avisitn avisit
atptn atpt, var=aval, out=out_p3);

%mmeans(pfl=(COMPP4FL='Y'), prd=(COMPP4FL='Y' and avisit in ('Baseline' 'Day 90')), class=avisitn avisit
atptn atpt, var=aval, out=out_p4);


%mmeans(pfl=(COMPP1FL='Y'), prd=(COMPP1FL='Y' and avisit in ('Baseline' 'Day 1' 'Day 2' 'Day 3' 'Day 4'
'Day 5')), class=avisitn avisit atptn atpt, var=pchg, out=out_c1);

%mmeans(pfl=(COMPP2FL='Y'), prd=(COMPP2FL='Y' and avisit in ('Baseline' 'Day 30' )), class=avisitn
avisit atptn atpt, var=pchg, out=out_c2);

%mmeans(pfl=(COMPP3FL='Y'), prd=(COMPP3FL='Y' and avisit in ('Baseline' 'Day 60' )), class=avisitn
avisit atptn atpt, var=pchg, out=out_c3);

%mmeans(pfl=(COMPP4FL='Y'), prd=(COMPP4FL='Y' and avisit in ('Baseline' 'Day 90' )), class=avisitn
avisit atptn atpt, var=pchg, out=out_c4);


/*macro for Geometric Mean per mock;*/

%macro mmeans(prd=, class=, var=, out=);

/*Bring in data from ADBX for Blood COHb - Compliant Population for each period per Mock*/

data adbx;

    set adbx1;

```

```

where &prd.;

if aval ne 0 and aval ne . then logaval=log(aval);

/*Keep Baseline data in one obs. per 5/15/2015 JH email*/

if avisit='Baseline' then do; avisitn=100; atpt="DAY 0 - 20:00 - 21:30"; atptn=1.00; end;

run;

proc means data=adbx noprint nway;

var &var.;

class &class. trt;

output out=results02 mean=mean std=std1 lclm=lci1 uclm=uci1;

run;

data results03;

set results02;

gmean1=exp(mean);

gmean=left(compress(put(round(gmean1,0.01), 8.2)));

gcv=compress(put(0.001*ceil((sqrt(exp(std1*std1)-1)*100)/0.001),8.3));

glci=exp(lci1);

guci=exp(uci1);

if not missing(gcv) then gmeancv=left(trim(gmean)) || ' (' || left(trim(gcv)) || ')';

else gmeancv=left(trim(gmean));

if not missing(glci) and not missing(guci) then ci = strip(strip(put(0.01*floor(glci/0.01),8.2)) || ', '
|| strip(put(0.01*ceil(guci/0.01),8.2)));

run;

```

```

proc transpose data=results03 out=&out. prefix=r name=varname;

    by &class;

    var gmeancv ci;

    id trt;

run;


data &out.;

    set &out.;

    length stat $200;

    if upcase(varname)='GMEANCV' then do; statord=5; stat='Geometric Mean (CV%)'; end;

    if upcase(varname)='CI' then do; statord=6; stat='95% CI of Geometric Mean'; end;

run;


%mend mmeans;


%mmeans(prd=(COMPP1FL='Y' and avisit in ('Baseline' 'Day 1' 'Day 2' 'Day 3' 'Day 4' 'Day 5')),
class=avisitn avisit atptn atpt, var=logaval, out=out_g1);

%mmeans(prd=(COMPP2FL='Y' and avisit in ('Day 30' 'Baseline')), class=avisitn avisit atptn atpt,
var=logaval, out=out_g2);

%mmeans(prd=(COMPP3FL='Y' and avisit in ('Day 60' 'Baseline')), class=avisitn avisit atptn atpt,
var=logaval, out=out_g3);

%mmeans(prd=(COMPP4FL='Y' and avisit in ('Day 90' 'Baseline')), class=avisitn avisit atptn atpt,
var=logaval, out=out_g4);


*check data for BLOQ/ALLOQ ;

```

*per Jh email at Wed 7/1/2015 9:34 AM ---- we only need to present BLOQ as a line item if there are BLOQ values for a given parameter/timepoint;

```
proc freq data=adam.adbx(where=(anl02fl='Y' AND PARCAT1 = 'BIOMARKERS' AND PARAM = 'COHb (%)'
AND LBSPEC = 'BLOOD' AND AQLFL='Y' ));
```

```
    table AVALC;
```

```
run;
```

*no data for BLOQ values so no need to present BLOQ n(%) row.;

```
/*macro to set together for each period ;*/
```

```
%macro mfinp(dsn=, dsng=, dsnc=, out=);
```

```
data dsn1;
```

```
    set &dsn.(in=p) &dsng.(in=g) ;
```

```
run;
```

```
proc sort data=dsn1 out=ds1;
```

```
    by avisitn avisit atptn atpt statord stat varname;
```

```
run;
```

```
data dsnc;
```

```
    set &dsnc.;
```

```
    if avisit="Baseline" then delete;
```

```
run;
```

```
proc sort data=dsnc out=ds2;
```

```
    by avisitn avisit atptn atpt statord stat varname;
```

run;

data &out.;

retain avisitn avisit atptn tp stat r1 c1 r2 c2 r3 c3 statord;

merge ds1(in=a) ds2(in=c rename=(r1=c1 r2=c2 r3=c3));

by avisitn avisit atptn atpt statord stat varname;

if a;

*format tp per mock;

tp=avisit;

if avisit="Day 5" then do; /*follow JH email on Tue 4/28/2015 10:50 AM*/

tp=atpt;

if index(tp,'WITHIN 15 MIN PRIOR TO SMOKING') then tp=tranwrd(tp,'WITHIN 15 MIN PRIOR TO SMOKING','Within 15 Min Prior To Smoking'); /*follow client comments for batch1and2 on Tue 6/30/2015*/

if index(tp,'DAY 5 -') then tp=tranwrd(tp,'DAY 5 -','Day 5, ');

end;

***delete <missing, n(%)> if no missing n data for the row;

if stat="Missing, n (%)" and r1="0" and r2="0" and r3="0" and c1="0" and c2="0" and c3="0" then delete;

else if stat="Missing, n (%)" and tp="Baseline" and r1="0" and r2="0" and r3="0" then delete;

else if stat="Missing, n (%)" and avisit="Day 5" and index(tp, "Within 15 Min Prior To Smoking")>0 and r1="0" and r2="0" and c1="0" and c2="0" and r3="" and c3="" then delete;

else if stat="Missing, n (%)" and avisit="Day 5" and index(tp, "08:00 - 09:30")>0 and r1="" and r2="" and c1="" and c2="" and r3="0" and c3="0" then delete;

```

        keep avisitn avisit atptn statord tp stat r1 c1 r2 c2 r3 c3;

run;

%mend mfinp;


%mfinp(dsn=out_p1, dsng=out_g1, dsnc=out_c1, out=finalp1);
%mfinp(dsn=out_p2, dsng=out_g2, dsnc=out_c2, out=finalp2);
%mfinp(dsn=out_p3, dsng=out_g3, dsnc=out_c3, out=finalp3);
%mfinp(dsn=out_p4, dsng=out_g4, dsnc=out_c4, out=finalp4);


/*create final dataset per mock;*/
data final;

        set finalp1(in=p1) finalp2(in=p2) finalp3(in=p3) finalp4(in=p4) ;

        if p1 then period="1";

        if p2 then period="2";

        if p3 then period="3";

        if p4 then period="4";

run;


*****
*create new page for each timepoint for report ;
*****

proc sql;

        create table page as

```

```
select distinct period, avisitn, atptn, tp  
from final  
order by period, avisitn, atptn, tp;  
quit;
```

```
data page1;  
    set page;  
    by period avisitn atptn tp;  
    if _n_ = 0 then page = 0;  
    page + 1;  
run;
```

```
proc sql;  
    create table final_page as  
    select distinct a.*, b.page  
    from final as a  
    left join page1 as b  
    on a.avisitn=b.avisitn and a.atptn=b.atptn and a.tp = b.tp and a.period=b.period  
    order by period, page, avisitn, atptn, statord;  
quit;
```

```
data final_page(rename=(r1=THSm c1=THSm_chg r2=mCC c2=mCC_chg r3=SA c3=SA_chg));  
    set final_page end=last;  
    by period page avisitn atptn statord;  
    if last then call symputx("page", page);
```

```
run;
```

```
/*output report data; */
```

```
%let tflno=T_15_02_04_01_03;
```

```
data tflds.&tflno(keep=avisitn avisit tp stat THSm mCC SA THSm_chg mCC_chg SA_chg statord period  
page);
```

```
set final_page;
```

```
run;
```

```
%put &page;
```

```
*****,
```

```
*create output report ;
```

```
*****,
```

```
/*get N for each period for column header*/
```

```
proc sql;
```

```
select count(distinct usubjid) into: N1THS from adam.adsl(where=(trt01pn = 4 and COMPP1FL = "Y"));
```

```
select count(distinct usubjid) into: N1MCC from adam.adsl(where=(trt01pn = 5 and COMPP1FL = "Y"));
```

```
select count(distinct usubjid) into: N1SAA from adam.adsl(where=(trt01pn = 3 and COMPP1FL = "Y"));
```

```
select count(distinct usubjid) into: N2THS from adam.adsl(where=(trt01pn = 4 and COMPP2FL = "Y"));
```

```
select count(distinct usubjid) into: N2MCC from adam.adsl(where=(trt01pn = 5 and COMPP2FL = "Y"));
```

```
select count(distinct usubjid) into: N2SAA from adam.adsl(where=(trt01pn = 3 and COMPP2FL = "Y"));
```



```
select count(distinct usubjid) into: N3THS from adam.adsl(where=(trt01pn = 4 and COMPP3FL = "Y"));
select count(distinct usubjid) into: N3MCC from adam.adsl(where=(trt01pn = 5 and COMPP3FL = "Y"));
select count(distinct usubjid) into: N3SAA from adam.adsl(where=(trt01pn = 3 and COMPP3FL = "Y"));
```

```
select count(distinct usubjid) into: N4THS from adam.adsl(where=(trt01pn = 4 and COMPP4FL = "Y"));
select count(distinct usubjid) into: N4MCC from adam.adsl(where=(trt01pn = 5 and COMPP4FL = "Y"));
select count(distinct usubjid) into: N4SAA from adam.adsl(where=(trt01pn = 3 and COMPP4FL = "Y"));
```

```
quit;
```

```
/* Standard - leave this */
```

```
options number nodate orientation=landscape missing=' ';
```

```
ods escapechar='$';
```

```
%let linetop = \brdrt\brdrs\brdrw30; * needs to be 1.5pt so calculated in twips (1/20 pt) ;
```

```
%let linebot = \brdrb\brdrs\brdrw30;
```

```
%macro outrtf(blankn=130, halfbink=N);
```

```
%let title1 = %NRBQUOTE(Table 15.2.4.1.3 Descriptive Statistics of Blood COHb (%) - Compliant
Population);
```

```
%let TFL_Part=%scan(&_SASPROGRAMFILE,-3,%str(/));
```

```
data _null_;
```

```
tmp="&TFL_Part";
```

```
if tmp not in ("dev" "qc") then call symput("TFL_Part", "prod");

call symput('TFLpath', compress("&_SASPROGRAMFILE", ""));

call symput('TFLprg', reverse(scan(strip(reverse(compress("&_SASPROGRAMFILE", ""))), 1, "/")));

run;
```

```
%if &halfblnk=N %then %let halfblnk=;

%else %if &halfblnk=Y %then %let halfblnk=~;
```

```
ods path stdlib.t106343 (read) ;

ods results off;

ods rtf toc_data file="/cvn/projects/prj/data/000000106343/TFL/&TFL_Part./Tables/&tflno..rtf"
style=t106343 startpage=yes headery=1440 footery=1440 ;
```

```
ods noproctitle;
```

```
%do i=1 %to &page;
```

```
    title ;
```

```
    footnote;
```

```
    %let wd=0;
```

```
    ods proclabel = ' ';
```

```
    data comp;
```

```
        set final_page end=eof;
```

```
        where page=&i;
```

```
        if _n_ =1 then
```

```
            do;
```

```

call symput('title2', "Product Use Time Period: Period " || Period );

*create trt1/trt2/trt3 N for each period for column header;

    if period="1" then do;

call
symput('trt1', strip(put(&N1THS., best.)));

call
symput('trt2', strip(put(&N1MCC., best.)));

call
symput('trt3', strip(put(&N1SAA., best.)));

end;

    else if period="2" then do;

call
symput('trt1', strip(put(&N2THS., best.)));

call
symput('trt2', strip(put(&N2MCC., best.)));

call
symput('trt3', strip(put(&N2SAA., best.)));

end;

    else if period="3" then do;

call
symput('trt1', strip(put(&N3THS., best.)));

call
symput('trt2', strip(put(&N3MCC., best.)));

call
symput('trt3', strip(put(&N3SAA., best.)));

end;

    else if period="4" then do;

call
symput('trt1', strip(put(&N4THS., best.)));

```

```

call
symput('trt2', strip(put(&N4MCC., best.)));

call
symput('trt3', strip(put(&N4SAA., best.)));

end;

end;

/* Amend title as needed */
_firtitl="&title1.";
_upcas=(length("Path: &TFLpath.")-
length(compress("Path:&TFLpath.",'ABCDEFGHIJKLMNOPQRSTUVWXYZ')))/2;
len=&blankn.-length("(page &i of &page)");

if eof then do;
call symput('_FSRTITL', trim(left(_firtitl)));
call symput('_blankn', compress(put(len,best.)));
end;

drop _firtitl _upcas len;

run;

ods listing close;

proc report data = comp headline headskip nowd split = '$' %if &i=1 %then %do; contents=' '
%end; %else %do; contents="" %end;;;

column tp stat ("THSm2.2$(N=&trt1)&linebot" THSm THSm_chg )

("mCC$(N=&trt2)&linebot" mCC mCC_chg)

```

```
("SA$(N=&trt3)&linebot" SA SA_chg);
```

```
        define tp      /"Timepoint" order order=internal style={just=left cellwidth=1.0cm}  
style(header)={just=left} ;
```

```
        define stat    /"Statistic" display style={just=left cellwidth=1.9cm}  
style(header)={just=left} ;
```

```
        define THSm          /"Value" display style={just=c cellwidth=1.1cm}  
style(header)={just=center} ;
```

```
        define mCC        /"Value" display style={just=c cellwidth=1.1cm}  
style(header)={just=center} ;
```

```
        define SA          /"Value" display style={just=c cellwidth=1.1cm}  
style(header)={just=center};
```

```
        define THSm_chg      /"% Change(*)" display style={JUST=c cellwidth=1.2cm}  
style(header)={just=center};
```

```
        define mCC_chg      /"% Change(*)" display style={just=c cellwidth=1.2cm}  
style(header)={just=center};
```

```
        define SA_chg        /"% Change(*)" display style={just=c cellwidth=1.2cm}  
style(header)={just=center};
```

```
compute after tp;
```

```
        line " ";
```

```
endcomp;
```

```
compute before _page_ / style={just=left protectspecialchars=off};
```

```
        line "\b\fs24\sa24&_FSRTITL." ; * \b = bold, \fs24 is font size 12pt, \sa24 is space  
after 12pt;
```

```
        line " ";
```

```
        line "\b\fs24\sa24&title2." ;
```

```
        line "&linebot";
```

```

endcomp;

compute after _page_/ style={just=left protectspecialchars=off pretext="&linetop."};

    line 'Note: mCC = Menthol conventional cigarettes; SA = Smoking abstinence;
THSm2.2 = Tobacco Heating System 2.2 Menthol.';

    LINE 'Note: * % Change from baseline, where baseline is defined as the last
assessment prior to first randomized product use in mCC / THS 2.2 Menthol arms or the last assessment
prior to 10AM on Day 1 in the SA arm.';

    line ' ';

    line 'Appendix 15.3.3.2';

    line "Study ID: ZRHM-REXA-08-US   Program: &TFLprg   Status: &status"
&_blankn.*"\~\~" "&sysdate" &_blankn.*"\~\~" "(Page &i of &page)";

endcomp;

run;

%end;

ods rtf close;

ods results on;

ods path sashelp.tmplmst (read);

%mend ;

%outrtf(blankn=36, halfblank=N);

ods listing;

%m_logchk;

/***** END OF FILE t_cohb_comp.sas *****/

```

