

/\*=====\*

| Covance Study Number : COV- 106331 |  
| Client Protocol ID : ZRHM-REXA-07-JP |  
| Program Name : t\_desc\_nc.sas |  
| Purpose : Table Descriptive statistics of plasma nicotine and cotinine |  
| Input Data : ADBX ADSL |  
| Output Data : T\_15\_02\_04\_19\_01,19\_02 |  
| |  
| Macros Called : |  
| |  
| Originally Performed by : Seroan Zheng |  
| Date/Time billed : 12May2015 |  
| |

+=====+

| Modification History |  
| |  
| Programmer : Serona Zheng |  
| Date : 25Aug2015 |  
| Reason for Change : 1. Change day 5 08:00PM - 10:00 PM order after day T0 + 16h |  
| 2. Change avisit length to avoid content cutting |  
| |

+=====\*/

options noquotelenmax;

\*\*\*Create log file;

proc printto new

```
log="/cvn/projects/prj/development/000000106343/dev/tables/log/t_desc_nc.log" ;
```

```
run;
```

```
%macro t_desc_nc(t_name=,l_name=,dsin=,conf1=,by_var1=,t_title=,t_title_l=,append=,pop=);
```

```
%let pgnam=t_desc_nc.sas;
```

```
%let table=&tflout.;
```

```
%let tflno=&t_name;
```

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

```
*** Standard - leave this ;
```

```
data _null_;
```

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

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

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

```
run;
```

```
proc sql;
```

```
%if &pop= pp %then %do;
```

```
select count(distinct usubjid) into: N1THS from adam.adsl(where=(trt01an = 4 and pprot1fl = "Y"));
```

```
select count(distinct usubjid) into: N1MCC from adam.adsl(where=(trt01an = 5 and pprot1fl = "Y"));
```

```
select count(distinct usubjid) into: N1SAA from adam.adsl(where=(trt01an = 3 and pprot1fl = "Y"));
```

```
select count(distinct usubjid) into: N2THS from adam.adsl(where=(trt01an = 4 and pprot2fl = "Y"));
```

```

select count(distinct usubjid) into: N2MCC from adam.adsl(where=(trt01an = 5 and pprot2fl = "Y"));
select count(distinct usubjid) into: N2SAA from adam.adsl(where=(trt01an = 3 and pprot2fl = "Y"));

select count(distinct usubjid) into: N3THS from adam.adsl(where=(trt01an = 4 and pprot3fl = "Y"));
select count(distinct usubjid) into: N3MCC from adam.adsl(where=(trt01an = 5 and pprot3fl = "Y"));
select count(distinct usubjid) into: N3SAA from adam.adsl(where=(trt01an = 3 and pprot3fl = "Y"));

select count(distinct usubjid) into: N4THS from adam.adsl(where=(trt01an = 4 and pprot4fl = "Y"));
select count(distinct usubjid) into: N4MCC from adam.adsl(where=(trt01an = 5 and pprot4fl = "Y"));
select count(distinct usubjid) into: N4SAA from adam.adsl(where=(trt01an = 3 and pprot4fl = "Y"));
%end;

%else %do;

select count(distinct usubjid) into: N1THS from adam.adsl(where=(trt01an = 4 and fasfl = "Y"));
select count(distinct usubjid) into: N1MCC from adam.adsl(where=(trt01an = 5 and fasfl = "Y"));
select count(distinct usubjid) into: N1SAA from adam.adsl(where=(trt01an = 3 and fasfl = "Y"));

select count(distinct usubjid) into: N2THS from adam.adsl(where=(trt01an = 4 and fasfl = "Y"));
select count(distinct usubjid) into: N2MCC from adam.adsl(where=(trt01an = 5 and fasfl = "Y"));
select count(distinct usubjid) into: N2SAA from adam.adsl(where=(trt01an = 3 and fasfl = "Y"));

select count(distinct usubjid) into: N3THS from adam.adsl(where=(trt01an = 4 and fasfl = "Y"));
select count(distinct usubjid) into: N3MCC from adam.adsl(where=(trt01an = 5 and fasfl = "Y"));
select count(distinct usubjid) into: N3SAA from adam.adsl(where=(trt01an = 3 and fasfl = "Y"));

select count(distinct usubjid) into: N4THS from adam.adsl(where=(trt01an = 4 and fasfl = "Y"));

```

```
select count(distinct usubjid) into: N4MCC from adam.adsl(where=(trt01an = 5 and fasfl = "Y"));
select count(distinct usubjid) into: N4SAA from adam.adsl(where=(trt01an = 3 and fasfl = "Y"));
%end;
```

```
quit;
```

```
***Get raw data;
```

```
data anl1;
```

```
    set adam.&dsin;
```

```
    &conf1
```

```
***Calculate LOG;
```

```
    if aval not in (.,0) then do;
```

```
        logaval=log(aval);
```

```
        if base not in (.,0) then logbase=log(base);
```

```
    end;
```

```
    if avisitn = 105 and atptn ne . then do;
```

```
        avisitn_ = strip(put(avisitn,best.))||'.'||strip(put(atptn,best.));
```

```
        avisitn = input(avisitn_,best.);
```

```
    end;
```

```
run;
```

```
proc sort data=anl1;by &by_var1;run;
```

```
data base1;
```

```

set adam.adpc;

if aval not in (.,0) then do;
logaval=log(aval);

end;

if paramcd in ('NIC' 'COT') and anl01fl = "Y";

%if &pop = pp %then %do;

    if ablfl = "Y" and pprot1fl = "Y" then do;

        avisitn = 10;

        avisit = "Baseline";

        apuper = 1;

        apuperc = "Period 1";

        output;

    end;

    if ablfl = "Y" and pprot2fl = "Y" then do;

        avisitn = 10;

        avisit = "Baseline";

        apuper = 2;

        apuperc = "Period 2";

        output;

    end;

    if ablfl = "Y" and pprot3fl = "Y" then do;

        avisitn = 10;

        avisit = "Baseline";

        apuper = 3;

        apuperc = "Period 3";

```

```

        output;
    end;

    if ablfl = "Y" and pprot4fl = "Y" then do;

        avisitn = 10;

        avisit = "Baseline";

        apuper = 4;

        apuperc = "Period 4";

        output;

    end;

%end;

%else %if &pop = fas %then %do;

    if ablfl = "Y" and fasfl = "Y" then do;

        avisitn = 10;

        avisit = "Baseline";

        apuper = 1;

        apuperc = "Period 1";

        output;

    end;

%end;

run;

***Get decimal length;

data temp;

    set anl1;

    declen=lengthn(scan(strip(put(aval, best.)),2,"."));

run;

```

```
proc sql;

    create table dectemp

    as select distinct paramn, max(declen) as declen

    from temp

    group by paramn;
```

```
        select max(declen) into: last

        from dectemp;

quit;
```

```
data anl2;

    set anl1 base1;

run;
```

```
proc sort data=anl2;

    by trtpn paramn param avalu avalu apuper apuperc avisitn avisit atptn atpt ;

run;
```

```
proc means data=anl2(where=(aval ne .)) noprint;

    var aval;

    by trtpn paramn param avalu apuper apuperc avisitn avisit atptn atpt ;

    output out=aval n =n mean = mean std = std median = median min = min max = max q1 = q1 q3
= q3 lclm = lclm uclm = uclm;

run;

proc sort data=aval;by paramn;run;
```

```

data aval1;

merge aval(in=a) dectemp;

by paramn;

if a;

%do i=0 %to &last.;

    if declen=%eval(&i) then do;

        %let fmt= %sysevalf(12 + (&i +1 )*0.1);

        %if &i = 0 %then %let fmt1 = 12.;

        %else

            %let fmt1= %sysevalf(12 + (&i)*0.1);

            %let fmt2= %sysevalf(12 + (&i +2 )*0.1);

    end;

    if lclm ne . then lclmx = floor(10**(declen+1)*lclm)/10**(declen+1);

    if uclm ne . then uclmx = ceil(10**(declen+1)*uclm)/10**(declen+1);

    length median1 Q2575 Minmax Meansd CIAM n1 $50.;

    if median ne . then median1 = strip(put(round(median,1/10**(declen+1)), &fmt.));

    q2575 = strip(put(round(q1, 1/10**(declen+1)), &fmt.))||", "||strip(put(round(q3,
1/10**(declen+1)), &fmt.));

    minmax = strip(put(round(min, 1/10**(declen)), &fmt1.))||",
"||strip(put(round(max,1/10**(declen)), &fmt1.));

    if std ne . then meansd = strip(put(round(mean, 1/10**(declen+1)), &fmt.))||"
("||strip(put(ceil(10**(declen+2)*std)/10**(declen+2), &fmt2.))||")";

    else meansd = strip(put(round(mean, 1/10**(declen+1)),&fmt.))||" (NA)";

    if nmiss(lclm, uclm) = 0 then ciam = strip(put(lclmx, &fmt.))||", "||strip(put(uclmx, &fmt.));

    else if lclm = . and uclm ne . then ciam = "NA, "||strip(put(uclmx, &fmt.));

    else if lclm ne . and uclm = . then ciam = strip(put(lclmx, &fmt.))||", NA";

    else if lclm = . and uclm = . then ciam = "NA, NA";

```



```

n1 = strip(put(n, best.));

end;

%end;

%do i = 1 %to 4;

if apuper = &i then do;

if trtpn = 3 then Num = &&N&i.SAA;

if trtpn = 4 then Num = &&N&i.THS;

if trtpn = 5 then Num = &&N&i.MCC;

end;

%end;

missing = Num - n;

if missing ne 0 then miss = strip(put(missing, best.)) || "
(" || strip(put(round((missing/Num)*100,0.1),10.1)) || ")";

else miss = '0';

run;

proc sort data=aval1;

by paramn param avalu apuper apuperc avisitn avisit atptn atpt ;

run;

proc transpose data=aval1 out=aval_t prefix= trt_;

by paramn param avalu apuper apuperc avisitn avisit atptn atpt ;

var n1 median1 q2575 minmax meansd ciam miss;

id trtpn;

run;

```

```
data aval_t;  
    length txt $200.;  
    set aval_t;  
    if upcase(_name_) = "N1" then do;  
        txtn = 1;  
        txt = "n";  
    end;  
    if upcase(_name_) = "MISS" then do;  
        txtn = 2;  
        txt = "Missing, n (%)";  
    end;  
    else if upcase(_name_) = "MEDIAN1" then do;  
        txtn = 7;  
        txt = "Median";  
    end;  
    else if upcase(_name_) = "Q2575" then do;  
        txtn = 8;  
        txt = "Q25, Q75";  
    end;  
    else if upcase(_name_) = "MINMAX" then do;  
        txtn = 9;  
        txt = "Min, Max";  
    end;  
    else if upcase(_name_) = "MEANSD" then do;
```

```

    txtn = 10;

    txt = "Mean (SD)";

    end;

    else if upcase(_name_) = "CIAM" then do;

    txtn = 11;

    txt = "95% CI of Mean";

    end;

run;


proc sort data=anl2;

    by trtpn paramn param avalu apuper apuperc avisitn avisit atptn atpt ;

run;


proc means data=anl2 noprint;

    by trtpn paramn param avalu apuper apuperc avisitn avisit atptn atpt ;

    output out=aval_log mean = mean std = std lclm = lclm uclm = uclm;

    var logaval;

run;

proc sort data=aval_log;by paramn;run;

data aval_log1;

    length geocv CIGM $50.;

    merge aval_log(in=a) dectemp;

    by paramn;

    if a;

    %do i=0 %to &last.;

```

```

if declen=%eval(&i) then do;

    %let fmt= %sysevalf(12 + (&i +1 )*0.1);

    %if &i = 0 %then %let fmt1 = 12.;

    %else

    %let fmt1= %sysevalf(12 + (&i)*0.1);

    %let fmt2= %sysevalf(12 + (&i +2 )*0.1);

    if lclm ne . then lclm1 = exp(lclm);

    if uclm ne . then uclm1 = exp(uclm);

    if lclm1 ne . then lclmx = floor(10**(declen+1)*lclm1)/10**(declen+1);

    if uclm1 ne . then uclmx = ceil(10**(declen+1)*uclm1)/10**(declen+1);

    if std ne . then cv_pct=100*sqrt(exp(std*std)-1) ;

    if mean ne . then mean1 = exp(mean);

    if cv_pct ne . and mean1 ne . then geocv =
strip(put(round(mean1,1/10**(declen+1)), &fmt.))||"
("||strip(put(ceil(10**(declen+2)*cv_pct)/10**(declen+2), &fmt2.))||")";

    else if mean ne . then geocv = strip(put(round(mean,1/10**(declen+1)),
&fmt.))||" (NA)";

    if nmiss(lclmx, uclmx) = 0 then CIGM = strip(put(lclmx, &fmt.))||",
"||strip(put(uclmx, &fmt.));

    else if lclm = . and uclmx ne . then CIGM = "NA, "||strip(put(uclmx, &fmt.));

    else if lclmx ne . and uclm = . then CIGM = strip(put(lclmx, &fmt.))||", NA";

    else if lclm = . and uclm = . then CIGM = "NA, NA";

end;

%end;

run;

proc sort data=aval_log1 ;

```

```
by paramn param avalu apuper apuperc avisitn avisit atptn atpt;  
run;
```

```
proc transpose data=aval_log1 out=aval_log1_t prefix= trt_;  
by paramn param avalu apuper apuperc avisitn avisit atptn atpt ;  
var geocv cigm;  
id trtpn;  
run;
```

```
data aval_log1_t;  
length txt $200.;  
set aval_log1_t;  
if upcase(_name_) = "GEOCV" then do;  
txtn = 5;  
txt = "Geometric Mean (CV%)";  
end;  
else if upcase(_name_) = "CIGM" then do;  
txtn = 6;  
txt = "95% CI of Geometric Mean";  
end;  
run;
```

```
***Count BLOQ number;
```

```
data n;  
length txt $200.;
```

```

        set anl2;

        where bloqfl = 'Y';

        txtn = 3;

        txt = "BLOQ, n(%)";

run;

proc sort data=n out=n1 nodupkey dupout=dup;

        by usubjid paramn avalu avisitn txtn atpt;

run;

proc freq data=n1 noprint;

        tables
paramn*param*avalu*apuper*apuperc*avisitn*avisit*atptn*atpt*txtn*txt*trtpn/out=n_freq;

run;

data timep_n;

        set aval;

        keep trtpn paramn param avalu apuper apuperc avisitn avisit atptn atpt n;

        if avisit ne 'Baseline';

run;

proc sort data=timep_n;by paramn param avalu apuper apuperc avisitn avisit atptn atpt trtpn;run;

data n_freq;

        set n_freq;

        keep trtpn paramn param avalu apuper apuperc avisitn avisit atptn atpt count txtn txt;

run;

proc sort data=n_freq;by paramn param avalu apuper apuperc avisitn avisit atptn atpt trtpn;run;

```

```

data n_freq;

    length countx $50.;

    merge n_freq(in=a) timep_n(in=b);

    by paramn param avalu apuper apuperc avisitn avisit atptn atpt trtpn;

    if a;

    countx = strip(put(count,best.))||" ("||strip(put(round((count/n)* 100, 0.1), 15.1))||")";

run;

```

```

proc sort data=n_freq;

    by paramn param avalu apuper apuperc avisitn avisit atptn atpt txtn txt;

run;

```

```

proc transpose data=n_freq out=n_freq_t prefix=trt_;

    by paramn param avalu apuper apuperc avisitn avisit atptn atpt txtn txt;

    var countx;

    id trtpn;

run;

```

```

data n_freq_t;

    set n_freq_t;

    if paramn ne .;

    if trt_3 = "" then trt_3 = '0';

    if trt_4 = "" then trt_4 = '0';

    if trt_5 = "" then trt_5 = '0';

```

```
run;
```

```
***combine all dataset together;
```

```
data aval_f;
```

```
    set aval_t n_freq_t aval_log1_t;
```

```
    %if &t_name = T_15_02_04_19_01 or &t_name = T_15_02_04_19_02 %then %do;
```

```
    if txt in ('Mean (SD)' '95% CI of Mean' ) then delete;
```

```
    %end;
```

```
    %else %do;
```

```
    if txt in ('95% CI of Mean') then delete;
```

```
    %end;
```

```
    if avisit = 'Day 5' and atpt = '08:00 PM - 09:30 PM' then do;
```

```
        atptn = 9;
```

```
        avisitn = 105.9;
```

```
    end;
```

```
run;
```

```
proc sort data=aval_f;
```

```
    by paramn param avalu apuper apuperc avisitn avisit atptn atpt txtn txt;
```

```
run;
```

```
data final;
```

```
    length period $200.;
```

```
    set aval_f;
```

```
    by paramn param avalu apuper apuperc avisitn avisit atptn atpt txtn txt;
```



```
if apuper = 1 then do;
    period = "Period 1";
    THS = &N1THS;
    mcc = &N1mcc;
    sa = &N1saa;
end;

else if apuper = 2 then do;
    period = "Period 2";
    ths = &n2ths;
    mcc = &n2mcc;
    sa = &n2saa;
end;

else if apuper = 3 then do;
    period = "Period 3";
    ths = &n3ths;
    mcc = &n3mcc;
    sa = &n3saa;
end;

else if apuper = 4 then do;
    period = "Period 4";
    ths = &n4ths;
    mcc = &n4mcc;
    sa = &n4saa;
end;
```

```

if txtn in (3,4) and txt ne 'BLOQ, n(%)' then do;

    if trt_3 ne " " then num_3 = input(trt_3, best.);

    if trt_4 ne " " then num_4 = input(trt_4, best.);

    if trt_5 ne " " then num_5 = input(trt_5, best.);

    if num_3 ne . then pp_3 = strip(put(round((num_3/sa)* 100, 0.1), 15.1));

    if num_4 ne . then pp_4 = strip(put(round((num_4/tha)*100, 0.1), 15.1));

    if num_5 ne . then pp_5 = strip(put(round((num_5/mcc)*100, 0.1), 15.1));

    if trt_3 ne " then trt_3 = strip(trt_3) || " (" || strip(pp_3) || ")";

    else trt_3 = '0';

    if trt_4 ne " then trt_4 = strip(trt_4) || " (" || strip(pp_4) || ")";

    else trt_4 = '0';

    if trt_5 ne " then trt_5 = strip(trt_5) || " (" || strip(pp_5) || ")";

    else trt_5 = '0';

end;

```

```

drop num_3 num_4 num_5 pp_3 pp_4 pp_5;

```

```

run;

```

```

proc sql;

```

```

create table page as

```

```

select distinct apuper, apuperc, paramn, avisitn,atpt

```

```

from final

```

```

order by paramn, apuper, avisitn,atpt;

```

```

quit;

```

```
data page;
```

```
    set page;
```

```
    page = _n_;
```

```
run;
```

```
proc sql;
```

```
    create table final_page as
```

```
    select distinct a.*, b.page
```

```
    from final as a
```

```
    left join page as b
```

```
    on a.paramn = b.paramn and a.avisitn = b.avisitn and a.apuper = b.apuper and a.atpt=b.atpt
```

```
    order by page, paramn,avalu,apuper,avisitn, atptn,txtn;
```

```
quit;
```

```
data final_page;
```

```
    length avisit $200;
```

```
set final_page(rename=(avisit=avisit1)) end=last;
```

```
by page paramn avalu apuper avisitn atptn txtn;
```

```
if last then call symputx("page", page);
```

```
if atpt ne "" then avisit = strip(avisit1)||', '||strip(atpt);
```

```
/*if avisitn in (105 106) and atpt eq "" then do;*/
```

```
if avisitn = 105.9 or (avisitn = 106 and atpt = '08:00 AM - 09:30 AM') then do;
```

```
    if txt = 'n' then do;
```

```
        if trt_4 = "" then trt_4 = '0';
```

```
        if trt_5 = "" then trt_5 = '0';
```

```

        end;

        else call missing(trt_4,trt_5);

end;

else if (avisitn in (105 106) and atpt ne ") or avisitn in (105.1 105.2 105.3 105.4 105.5 105.6 105.7 105.8)
then do;

        if txt = 'n' then do;

                if trt_3 = " then trt_3 = '0';

                end;

                else call missing(trt_3);

end;

if txtn = 2 and trt_3 = '0' and trt_4 = '0' and trt_5 = '0' then delete;

if txtn = 2 and trt_3 = '0' and trt_4 = " and trt_5 = " then delete;


drop avalu _name_;

run;


data tflds.&tflno.;

        set final_page;

run;

%if &tflno = T_15_02_04_19_01 or &tflno = T_15_02_04_19_02 %then %do;

***output dataset for figure;

proc format;

value trt

4='THSm2.2'

```

```

5='mCC'

3='SA'

;

run;

data tflds.&tflno._f;

    set aval_log1(drop=mean);

    %do i=0 %to &last.;

        if declen=%eval(&i) then do;

            %let fmt= %sysevalf(12 + (&i +1 )*0.1);

            %if &i = 0 %then %let fmt1 = 12.;

            %else

                %let fmt1= %sysevalf(12 + (&i)*0.1);

                %let fmt2= %sysevalf(12 + (&i +2 )*0.1);

            mean= round(mean1,1/10**(&declen+1));

        end;

        trtp = put(trtpn,trt.);

    %end;

    rename lclmx=lclm uclmx=uclm;

    keep param paramn avisitn avisit lclmx uclmx mean trtp trtpn apuper apuperc atpt atptn;

run;


proc sort data=tflds.&tflno._f;by paramn apuper avisitn atptn;run;

%end;

***output figure dataset end;

```

```

options number nodate orientation=landscape /* papersize=&P_PGSIZE*/ 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;


ods path stdlib.t106343 (read) ;

ods results off;

ods rtf toc_data/* contents*/ file="/cvn/projects/prj/data/000000106343/TFL/dev/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;

        _firtitl="&t_title";

        call symput('_FSRTITL', trim(left(_firtitl)));

        if eof then do;

            call symput('_FSRTITL', trim(left(_firtitl)));

```

```

/*      call symput('_blankn', compress(put(len,best.)));*/

      call symput('period', strip(apuperc));

      call symput('param', strip(param));

      call symput('N3', strip(put(sa, best.)));

      call symput('N4', strip(put(th, best.)));

      call symput('N5', strip(put(mcc, best.)));

      end;

      drop _firtitl ;

run;

```

ods listing close;

\* most set up in template others below;

\* title arial 12pt bold with 12pt paragraph space below;

\* all headers to be arial 11pt bold;

\* data arial 10pt;

\* headers to be central, text values left aligned and numeric centered around decimal point;

/\* Update with your variables as needed \*/

```

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

```

```

      column  page paramn apuper avisitn avisit txtn txt trt_4 trt_5 trt_3;

```

```

      define paramn          / order order = internal noprint;

```

```

      define page           / order order = internal noprint;

```

```

      define avisitn        / order order = internal noprint;

```

```

      define apuper         / order order = internal noprint;

```

```

define txtn / order order = internal noprint;

define avisit /"Timepoint" order order=internal style={just=left cellwidth=1.5cm}
style(header)={just=left} ;

define txt /"Statistic" display style={just=left cellwidth=1.3cm}
style(header)={just=left} ;

define trt_4 /"THSm2.2$(N=&N4)" display style={JUST=c cellwidth=1.3cm}
style(header)={just=center} ;

define trt_5 /"mCC$(N=&N5)" display style={just=c cellwidth=1.3cm}
style(header)={just=center} ;

define trt_3 /"SA$(N=&N3)" display style={just=c cellwidth=1.3cm}
style(header)={just=center};

```

```

compute after avisitn;

```

```

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 "Product Use Time Period: &period";

```

```

line "&linebot";

```

```

endcomp;

```

```

compute before page / style={just=left protectspecialchars=off fontsize=10pt};

```

```

line " ";

```

```

line "&param";

```



```

        line " ";

    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: 'Missing' percentages are based on the number of subjects indicated in the
column header (N), while 'BLOQ' percentages are based on the number of subjects being summarized
(n).";

        line " ";

        line "&append";

        line "Study ID: ZRHM-REXA-08-US" " " "Program: &pgname" " " "Status: &status"
" " "&sysdate" " " "(Page &i of &page)";

    endcomp;

run;

%end;

ods rtf close;

ods results on;

ods path sashelp.tmplmst (read);


proc datasets kill lib=work memtype=data;run;


%mend;


***For table 15.2.4.19.1;

```

```

%t_desc_nc( t_name=T_15_02_04_19_01,

              dsin=adpc,

              pop=pp,

              conf1=%str(if (anl01fl = 'Y' and ((pprot1fl = 'Y' and avisitn in (101 102 103 104
105 106)) or (pprot2fl = 'Y' and avisitn =130)

                                                              or (pprot3fl = 'Y' and avisitn = 160) or (pprot4fl = 'Y' and
avisitn = 190 and atptn ne 10))));),

              by_var1=paramn paramcd param avisitn avisit,

              append=%str(Appendix 15.3.3.3),

              t_title=%str(Table 15.2.4.19.1 Descriptive Statistics of Plasma Nicotine and
Cotinine Concentrations (ng/mL) - PP Set)

);

```

\*\*\*For table 15.2.4.19.2;

```

%t_desc_nc( t_name=T_15_02_04_19_02,

              dsin=adpc,

              pop=fas,

              conf1=%str(if (anl01fl = 'Y' and ((fasfl = 'Y' and avisitn in (101 102 103 104 105
106)) or (fasfl = 'Y' and avisitn =130)

                                                              or (fasfl = 'Y' and avisitn = 160) or (fasfl = 'Y' and avisitn
= 190 and atptn ne 10))));),

              by_var1=paramn paramcd param avisitn avisit,

              append=%str(Appendix 15.3.3.3),

              t_title=%str(Table 15.2.4.19.2 Descriptive Statistics of Plasma Nicotine and
Cotinine Concentrations (ng/mL) - FAS)

);

```

```
proc printto ;
```

```
run;
```

```
ods listing;
```

```
options quotelenmax;
```

\*\*\*check the log, if there is any findings, please make sure to resolve;

```
%m_chklog(TFL_part=dev,pgm_type=tables,pgm_name=t_desc_nc,serv=dev,covstudyid=000000106343  
);
```