

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

```
| Covance Study Number   : 000000106343          |
| Program Name           : t_fibrino_fas.sas      |
| Purpose                 : Program to table T_15_02_04_31_02      |
| Input Data              : ADAM.ADSL, ADAM.adlb    |
|                          |                        |
| Output Data             : T_15_02_04_31_02      |
| Macros Called           :                        |
| Originally Performed by :Sree Bikki             |
| Date                    : 12MAY2015             |
|                          |                        |
```

```
|=====
=====|
```

```
| Modification History    |
|-----|
| Modified by            :                        |
| Modification Date      :                        |
|                          |
| Modification Description :                        |
```

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

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

```
run;
```

```
%m_printto;
```

```
%macro table (tfl =, title1 =, title2 =, title3 = );
```

```
proc sql;
```

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

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

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

```
quit;
```

```
%let tflno=&tfl.;
```

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

```
%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;
```

```
data adlb_1;
```

```
set adam.adlb;
```

```
where fasfl = "Y";
```

```
if paramcd in ("WBC", "NEUT", "BASO", "EOS", "LYM", "MONO", "PLAT") and anl01fl = "Y";  
run;
```

```
data adlb_2;  
set adam.adlb;  
if paramcd in ("WBC", "NEUT", "BASO", "EOS", "LYM", "MONO", "PLAT") and anl01fl = "Y";  
if ablfl = "Y" and fasfl = "Y";  
avisitn = 10;  
avisit = "Baseline";  
run;
```

```
data adlb;  
set adlb_1 adlb_2;  
if avisit ne 'Baseline' and avisitn lt 101 then delete;  
run;
```

```
proc sort data=adlb;  
by trtpn trtp paramn param paramcd avisitn avisit atptn atpt;  
run;
```

```
/*GEOMEAN AN CI*/
```

```
data adlb_log;  
set adlb(where= (paramcd = "PLAT"));  
if aval ne . then logaval = log(aval);
```

```
run;
```

```
proc sort data=adlb_log;
```

```
by trtpn trtp paramn param paramcd avisitn avisit ;
```

```
run;
```

```
proc means data=adlb_log noprint;
```

```
by trtpn trtp paramn param paramcd avisitn avisit ;
```

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

```
var logaval;
```

```
run;
```

```
data aval_log1;
```

```
set aval_log;
```

```
length geocv CIGM $50.;
```

```
    gmean1=exp(mean);
```

```
    glci=exp(lclm);
```

```
    guci=exp(uclm);
```

```
    gmean=left(compress(put(round(gmean1,0.1), 8.1)));
```

```
    gcv=compress(put(0.01*ceil((sqrt(exp(std*std)-1)*100)/0.01),8.2));
```

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

```
    else geocv=left(trim(gmean));
```

```
        if not missing(glci) and not missing(guci) then cigm = strip(strip(put(0.1*floor(glci/0.1),8.1)) || ', '
|| strip(put(0.1*ceil(guci/0.1),8.1)));
```

```
else if glci ne . and guci = . then cigm = strip(put(0.1*floor(glci/0.1), 8.1)) || ", NA";
```

```
else if glci = . and guci ne . then cigm = "NA, " || strip(put(0.1*ceil(guci/0.1),8.1));
```

```
else if glci = . and guci = . then cigm = "NA, NA";
```

```
run;
```

```
/*fro figure dataset t_15_02_04_31_02_F*/
```

```
data figure;
```

```
set aval_log1;
```

```
drop std _type_ _freq_;
```

```
logf=1;
```

```
mean = gmean1;
```

```
lclm = glci;
```

```
uclm = guci;
```

```
keep avisit avisitn paramcd param paramn trtp trtpn mean lclm uclm logf;
```

```
run;
```

```
/*end for figure dataset t_15_02_04_28_02_F*/
```

```
proc sort data=aval_log1 ;
```

```
by paramn param avisitn avisit ;
```

```
run;
```

```
proc transpose data=aval_log1 out=aval_log1_t prefix= trt_;
```

```
by paramn param avisitn avisit ;
```

```
var geocv cigm ;
```

```
id trtpn;
```

```
run;
```

```
/*Q25 Q75 MEdian*/
```

```
proc means data=adlb(where=(aval ne . and paramcd = "PLAT")) noprint;
```

```
var aval;
```

```
by trtpn paramn param avisitn avisit ;
```

```
output out=aval_plat n=n mean = mean std = std median = median min = min max = max q1 = q1 q3 =  
q3;
```

```
run;
```

```
data aval1_plat;
```

```
set aval_plat;
```

```
length median1 Q2575 Minmax n1 $50.;
```

```
median1 = strip(put(round(median, 0.01), 15.1));
```

```
q2575 = strip(put(round(q1, 0.01), 15.1))||", "||strip(put(round(q3, 0.01), 15.1));
```

```
minmax = strip(put(round(min, 0.1), 15.0))||", "||strip(put(round(max, 0.1), 15.0));
```

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

```
run;
```

```
data results03_plat;
```

```
length missc $30;
```

```
set aval1_plat;
```

```
if trtpn=3 then do;
```

```
if &n1saa.=n then
```

```
missc="";
```

```
else
```

```
missc=strip(put((&n1saa.- n), 8.)) || ' (' || strip(put(((&n1saa.-n)*100)/&n1saa., 8.1)) || ")";
```

```
end;
```

```
else if trtpn=4 then do;
```

```
if &n1ths.=n then
```

```
missc="";
```

```
else
```

```
missc=strip(put((&n1ths.- n), 8.)) || ' (' || strip(put(((&n1ths.-n)*100)/&n1ths., 8.1)) || ")";
```

```
end;
```

```
else if trtpn=5 then do;
```

```
if &n1mcc.=n
```

```
then missc="";
```

```
else
```

```
missc=strip(put((&n1mcc.-n), 8.)) || ' (' || strip(put(((&n1mcc.-n)*100)/&n1mcc., 8.1)) || ")";
```

```
end;
```

```
run;
```

```
proc sort data=results03_plat out=aval1_plat;
```

```
by paramn param avisitn avisit ;
```

```
run;
```

```
proc transpose data=aval1_plat out=aval_plat_t prefix= trt_;  
by paramn param avisitn avisit ;  
var n1 median1 q2575 minmax missc;  
id trtpn;  
run;
```

```
data aval_plat_t;  
length txt $200.;  
set aval_plat_t aval_log1_t;  
if upcase(_name_) = "N1" then do;  
txtn = 1;  
txt = "n";  
end;  
if upcase(_name_) = "MISSC" then do;  
txtn = 2;  
txt = "Missing, n (%)";  
end;  
else if upcase(_name_) = "MEDIAN1" then do;  
txtn = 5;  
txt = "Median";  
end;  
else if upcase(_name_) = "Q2575" then do;  
txtn = 6;  
txt = "Q25, Q75";  
end;
```



```
else if upcase(_name_) = "MINMAX" then do;
```

```
txtn = 7;
```

```
txt = "Min, Max";
```

```
end;
```

```
else if upcase(_name_) = "GEOCV" then do;
```

```
txtn = 3;
```

```
txt = "Geometric Mean (CV%)";
```

```
end;
```

```
else if upcase(_name_) = "CIGM" then do;
```

```
txtn = 4;
```

```
txt = "95% CI of Geometric Mean";
```

```
end;
```

```
run;
```

```
proc means data=adlb(where=(aval ne . and paramcd ne "PLAT")) noprint;
```

```
var aval;
```

```
by trtpn trtp paramn param paramcd avisitn avisit ;
```

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

```
run;
```

```
/*fro figure dataset t_15_02_04_31_02_F*/
```

```
data figure1;
```

```

set aval;

logf=0;

keep trtpn trtp paramn param paramcd avisitn avisit mean uclm lclm logf;

run;

/*end for figure dataset t_15_02_04_31_02_F*/

/*data aval1;*/

/*set aval;*/

/*if lclm ne . then lclmx = 0.01*floor(100*lclm);*/

/*if uclm ne . then uclmx = 0.01*ceil(100*uclm);*/

/*length median1 Q2575 Minmax Meansd CIAM n1 $50.;*/

/*median1 = strip(put(round(median, 0.01), 15.1));*/

/*q2575 = strip(put(round(q1, 0.01), 15.1))||", "||strip(put(round(q3, 0.01), 15.1));*/

/*minmax = strip(put(round(min, 0.1), 15.0))||", "||strip(put(round(max, 0.1), 15.0));*/

/*if std ne . then meansd = strip(put(round(mean, 0.01), 15.1))||" ("||strip(put(round(std, 0.001),
16.2))||")";*/

/*else if std = . then meansd = strip(put(round(mean, 0.01), 15.1))||" (NA)";*/

/*if nmiss(lclmx, uclmx) = 0 then ciam = strip(put(lclmx, 15.1))||", "||strip(put(uclmx, 15.1));*/

/*else if lclmx ne . and uclmx = . then ciam = strip(put(lclmx, 15.1))||", NA";*/

/*else if lclmx = . and uclmx ne . then ciam = "NA, "||strip(put(uclmx, 15.1));*/

/*else if lclmx = . and uclmx = . then ciam = "NA, NA";*/

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

/*run;*/

```



```

else
missc=strip(put((&n1saa.- n), 8.)) || ' (' || strip(put(((&n1saa.-n)*100)/&n1saa., 8.1)) || ")";

end;

else if trtpn=4 then do;

if &n1ths.=n then

missc="";

else

missc=strip(put((&n1ths.- n), 8.)) || ' (' || strip(put(((&n1ths.-n)*100)/&n1ths., 8.1)) || ")";

end;

else if trtpn=5 then do;

if &n1mcc.=n

then missc="";

else

missc=strip(put((&n1mcc.-n), 8.)) || ' (' || strip(put(((&n1mcc.-n)*100)/&n1mcc., 8.1)) || ")";

end;

run;

```

```

proc sort data=results03 out=aval1;

by paramn param avisitn avisit ;

run;

```

```

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

by paramn param avisitn avisit ;

var n1 median1 q2575 minmax meansd ciam missc;

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_) = "MISSC" then do;  
    txtn = 2;  
    txt = "Missing, n (%)";  
end;  
else if upcase(_name_) = "MEDIAN1" then do;  
    txtn = 5;  
    txt = "Median";  
end;  
else if upcase(_name_) = "Q2575" then do;  
    txtn = 6;  
    txt = "Q25, Q75";  
end;  
else if upcase(_name_) = "MINMAX" then do;  
    txtn = 7;  
    txt = "Min, Max";  
end;  
else if upcase(_name_) = "MEANSD" then do;
```

```
txtn = 3;  
txt = "Mean (SD)";  
end;  
else if upcase(_name_) = "CIAM" then do;  
txtn = 4;  
txt = "95% CI";  
end;  
run;
```

```
data aval_f;  
set aval_t aval_plat_t ;  
run;
```

```
proc sort data=aval_f;  
by paramn param avisitn avisit txtn txt;  
run;
```

```
proc sort data=adlb;  
by trtpn paramn param avisitn avisit ;  
run;
```

```
proc means data=adlb(where=(pchg ne . and ablfl ne "Y" and paramcd = "PLAT")) noprint;  
var pchg;
```

```
by trtpn paramn param avisitn avisit ;
```

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

```
run;
```

```
data chg1plat;
```

```
length geocv cigm $50.;
```

```
set chgplat;
```

```
if lclm ne . then lclmx = 0.01*floor(100*lclm);
```

```
if uclm ne . then uclmx = 0.01*ceil(100*uclm);
```

```
length median1 Q2575 Minmax n1 $50.;
```

```
median1 = strip(put(round(median, 0.01), 15.1));
```

```
q2575 = strip(put(round(q1, 0.01), 15.1))||", "||strip(put(round(q3, 0.01), 15.1));
```

```
minmax = strip(put(round(min, 0.1), 15.0))||", "||strip(put(round(max, 0.1), 15.0));
```

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

```
geocv = " ";
```

```
cigm = " ";
```

```
run;
```

```
data results04_plat;
```

```
length missc $30;
```

```
set chg1plat;
```

```
if trtpn=3 then do;
```

```

                                if &n1saa.=n then
missc="";

                                else
missc=strip(put((&n1saa.- n), 8.)) || ' (' || strip(put(((&n1saa.-n)*100)/&n1saa., 8.1)) || ")";

                                end;

                                else if trtpn=4 then do;

                                if &n1ths.=n then

missc="";

                                else
missc=strip(put((&n1ths.- n), 8.)) || ' (' || strip(put(((&n1ths.-n)*100)/&n1ths., 8.1)) || ")";

                                end;

                                else if trtpn=5 then do;

                                if &n1mcc.=n

then missc="";

                                else
missc=strip(put((&n1mcc.-n), 8.)) || ' (' || strip(put(((&n1mcc.-n)*100)/&n1mcc., 8.1)) || ")";

end;

run;

proc sort data= results04_plat out=chg1plat;

by paramn param avisitn avisit ;

run;

proc transpose data=chg1plat out=chgplat_t prefix= chg_;

by paramn param avisitn avisit ;

var n1 median1 q2575 minmax geocv cigm missc;

id trtpn;

```



```
run;

data chgplat_t;

length txt $200.;

set chgplat_t;

if upcase(_name_) = "N1" then do;

txtn = 1;

txt = "n";

end;

if upcase(_name_) = "MISSC" then do;

txtn = 2;

txt = "Missing, n (%)";

end;

else if upcase(_name_) = "MEDIAN1" then do;

txtn = 5;

txt = "Median";

end;

else if upcase(_name_) = "Q2575" then do;

txtn = 6;

txt = "Q25, Q75";

end;

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

txtn = 7;

txt = "Min, Max";

end;
```

```
else if upcase(_name_) = "GEOCV" then do;
```

```
txtn =3;
```

```
txt = "Geometric Mean (CV%);"
```

```
end;
```

```
else if upcase(_name_) = "CIGM" then do;
```

```
txtn = 4;
```

```
txt = "95% CI of Geometric Mean";
```

```
end;
```

```
run;
```

```
proc means data=adlb(where=(pchg ne . and ablfl ne "Y" and paramcd ^= "PLAT")) noprint;
```

```
var pchg;
```

```
by trtpn paramn param avisitn avisit ;
```

```
output out=chg1 n =n mean = mean std = std median = median min = min max = max q1 = q1 q3 = q3
```

```
lclm = lclm uclm = uclm;
```

```
run;
```

```
/*data chg1;*/
```

```
/*set chg1;*/
```

```
/*if lclm ne . then lclmx = 0.01*floor(100*lclm);*/
```

```
/*if uclm ne . then uclmx = 0.01*ceil(100*uclm);*/
```

```
/*length median1 Q2575 Minmax Meansd CIAM n1 $50.;*/
```

```
/*median1 = strip(put(round(median, 0.01), 15.1));*/
```

```
/*q2575 = strip(put(round(q1, 0.01), 15.1))||", "||strip(put(round(q3, 0.01), 15.1));*/
```

```
/*minmax = strip(put(round(min, 0.1), 15.0))||", "||strip(put(round(max, 0.1), 15.0));*/
```

```

/*if std ne . then meansd = strip(put(round(mean, 0.01), 15.1))||" ("||strip(put(round(std, 0.001),
16.2))||")";*/

/*else if std = . then meansd = strip(put(round(mean, 0.01), 15.1))||" (NA)";*/

/*if nmiss(lclmx, uclmx) = 0 then ciam = strip(put(lclmx, 15.1))||", "||strip(put(uclmx, 15.1));*/

/*else if lclmx ne . and uclmx = . then ciam = strip(put(lclmx, 15.1))||", NA";*/

/*else if lclmx = . and uclmx ne . then ciam = "NA, "||strip(put(uclmx, 15.1));*/

/*else if lclmx = . and uclmx = . then ciam = "NA, NA";*/

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

/*run;*/

```

```

data chg1;

set chg1;

if lclm ne . then lclmx = 0.01*floor(100*lclm);

if uclm ne . then uclmx = 0.01*ceil(100*uclm);

length median1 Q2575 Minmax Meansd CIAM n1 $50.;

median1 = strip(put(round(median, 0.0001), 15.3));

q2575 = strip(put(round(q1, 0.0001), 15.3))||", "||strip(put(round(q3, 0.0001), 15.3));

minmax = strip(put(round(min, 0.001), 15.2))||", "||strip(put(round(max, 0.001), 15.2));

if std ne . then meansd = strip(put(round(mean, 0.0001), 15.3))||" ("||strip(put(round(std, 0.00001),
16.4))||")";

else if std = . then meansd = strip(put(round(mean, 0.0001), 15.3))||" (NA)";

if nmiss(lclmx, uclmx) = 0 then ciam = strip(put(lclmx, 15.3))||", "||strip(put(uclmx, 15.3));

else if lclmx ne . and uclmx = . then ciam = strip(put(lclmx, 15.3))||", NA";

else if lclmx = . and uclmx ne . then ciam = "NA, "||strip(put(uclmx, 15.3));

```

```
else if lclmx = . and uclmx = . then ciam = "NA, NA";
```

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

```
run;
```

```
data results04;
```

```
length missc $30;
```

```
set chg1;
```

```
    if trtpn=3 then do;
```

```
        if &n1saa.=n then
```

```
missc="";
```

```
        else
```

```
missc=strip(put((&n1saa.- n), 8.)) || ' (' || strip(put(((&n1saa.-n)*100)/&n1saa., 8.1)) || ")";
```

```
        end;
```

```
    else if trtpn=4 then do;
```

```
        if &n1ths.=n then
```

```
missc="";
```

```
        else
```

```
missc=strip(put((&n1ths.- n), 8.)) || ' (' || strip(put(((&n1ths.-n)*100)/&n1ths., 8.1)) || ")";
```

```
        end;
```

```
    else if trtpn=5 then do;
```

```
        if &n1mcc.=n
```

```
then missc="";
```

```
        else
```

```
missc=strip(put((&n1mcc.-n), 8.)) || ' (' || strip(put(((&n1mcc.-n)*100)/&n1mcc., 8.1)) || ")";
```

```
end;
```

```
run;
```

```
proc sort data=results04 out=chg1;
```

```
by paramn param avisitn avisit ;
```

```
run;
```

```
proc transpose data=chg1 out=chg_t prefix= chg_;
```

```
by paramn param avisitn avisit ;
```

```
var n1 median1 q2575 minmax meansd ciam missc;
```

```
id trtpn;
```

```
run;
```

```
data chg_t;
```

```
length txt $200.;
```

```
set chg_t;
```

```
if upcase(_name_) = "N1" then do;
```

```
txtn = 1;
```

```
txt = "n";
```

```
end;
```

```
if upcase(_name_) = "MISSC" then do;
```

```
txtn = 2;
```

```
txt = "Missing, n (%)";
```

```
end;
```

```
else if upcase(_name_) = "MEDIAN1" then do;
```

```
txtn = 5;
```

```
txt = "Median";
```

```
end;
```

```
else if upcase(_name_) = "Q2575" then do;

txtn = 6;

txt = "Q25, Q75";

end;

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

txtn = 7;

txt = "Min, Max";

end;

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

txtn =3;

txt = "Mean (SD)";

end;

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

txtn = 4;

txt = "95% CI";

end;

run;
```

```
data chg_f;

set chg_t chgplat_t ;

run;
```

```
proc sort data=chg_f;
```

```
by paramn param avisitn avisit txtn txt;
```

```
run;
```

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

```
by paramn param avisitn avisit txtn txt;
```

```
run;
```

```
data final;
```

```
merge aval_f chg_f(drop=_name_);
```

```
by paramn param avisitn avisit txtn txt;
```

```
THS = &N1THS;
```

```
mcc = &N1mcc;
```

```
sa = &N1saa;
```

```
if trt_3 = " " and trt_4 = " " and trt_5 = " " and chg_3 = " " and chg_4 = " " and chg_5 = " " then delete;
```

```
if txtn in (2,3) then do;
```

```
if trt_3 = " " then trt_3 = "0";
```

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

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

```
end;
```

```
if txtn in (2,3) and avisitn ne 10 then do;
```

```
if chg_3 = " " then chg_3 = "0";
```

```
if chg_4 = " " then chg_4 = "0";
```

```
if chg_5 = " " then chg_5 = "0";
```

```
end;
```

```
run;
```

```
proc sql;  
create table page as  
select distinct paramn, avisitn  
from final  
order by paramn, avisitn;  
quit;
```

```
data page1;  
set page;  
by paramn avisitn;  
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.paramn = b.paramn and a.avisitn = b.avisitn
```



```
order by paramn, avisitn, txtn;
```

```
quit;
```

```
data final_page;
```

```
set final_page end=last;
```

```
by paramn avisitn txtn;
```

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

```
run;
```

```
data tflds.&tflno(keep=txt txtn avisitn avisit paramn param trt_3 trt_4 trt_5 chg_3 chg_4 chg_5);
```

```
set final_page;
```

```
run;
```

```
data tflds.t_15_02_04_31_02_F;
```

```
set figure figure1;
```

```
run;
```

```
%put &page;
```

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

```
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;
```

```
/* Standard - macro for paging */
```

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

```
%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/* contents*/
```

```
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;
```

```
/* Amend title as needed */
```

```
_firtitl="&title1.";
```

```
_firtit2="&title2.";
```

```

        _firtit3="&title3.";

_upcas=(length("Path: &TFLpath.")-
length(compress("Path:&TFLpath.",'ABCDEFGHIJKLMNOPQRSTUVWXYZ')))/2;

len=&blankn.-length("(page &i of &page)");

        if eof then do;

call symput('_FSRTITL1', trim(left(_firtitl)));

        call symput('_FSRTITL2', trim(left(_firtit2)));

        call symput('_FSRTITL3', trim(left(_firtit3)));

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

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

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

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

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

end;

drop _firtitl _firtit2 _firtit3 _upcas len;

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 split = '$' %if &i=1 %then %do; contents=' ' %end;
%else %do; contents="" %end;;;

        column page paramn avisitn avisit txtn txt ("THSm2.2$(N=&N4)$&linebot" trt_4 chg_4 )
("mCC$(N=&N5)$&linebot" trt_5 chg_5)

                ("SA$(N=&N3)$&linebot" trt_3 chg_3);

        define paramn          / order order = internal noprint;

        define page            / order order = internal noprint;

        define avisitn         / order order = internal noprint;

        define txtn            / order order = internal noprint;

        define avisit           /"Timepoint" order order=internal style={just=left cellwidth=2.5cm}
style(header)={just=left} ;

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

        define trt_3            /"Value" display style={JUST=c cellwidth=1.2cm}
style(header)={just=center} ;

        define trt_4            /"Value" display style={just=c cellwidth=1.2cm}
style(header)={just=center} ;

        define trt_5            /"Value" display style={just=c cellwidth=1.2cm}
style(header)={just=center};

        define chg_3            /"% Change(*)" display style={JUST=c cellwidth=1cm}
style(header)={just=center};

        define chg_4            /"% Change(*)" display style={just=c cellwidth=1cm}
style(header)={just=center};

        define chg_5            /"% Change(*)" display style={just=c cellwidth=1cm}
style(header)={just=center};

```

```
compute after avisitn;
```

```
    line " ";
```

```
endcomp;
```

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

```
    line "\b\fs24\sa24&_FSRTITL1." ; * \b = bold, \fs24 is font size 12pt, \sa24 is space after 12pt;
```

```
    line "\b\fs24\sa24&_FSRTITL2." ; * \b = bold, \fs24 is font size 12pt, \sa24 is space after 12pt;
```

```
    line "\b\fs24\sa24&_FSRTITL3." ; * \b = bold, \fs24 is font size 12pt, \sa24 is space after 12pt;
```

```
    line " ";
```

```
    line "Parameter (units):&param";
```

```
    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: Percentages are based on the number of subjects indicated in the column  
header (N).';
```

```
    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 ' ';
```

```
%if &tfl ne T_15_02_04_31_02 %then %do;
```

```
line 'Appendix 15.3.6.6';
```

```
%end;
```

```
%else %do;
```

```
line 'Appendix 15.3.6.7';
```

```
%end;
```

```
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 ;
```

```
%outtrtf(blankn=36, halfblank=N);
```

```
ods listing;
```

```
%mend table;
```

```
%table (tfl = %str(T_15_02_04_31_02),title1 = %str(Tables 15.2.4.31.2 Descriptive Statistics of Total WBC  
Counts (GI/L), Neutrophils Counts (GI/L), Basophils Counts),
```

```
title2 = %str((GI/L),Eosinophils Counts(GI/L), Lymphocytes Counts (GI/L), Monocytes Counts (GI/L) and  
Platelet),
```

```
title3 = %str(Counts (GI/L) - FAS));
```

%m_logchk2;