

```

%_mprintto;
options notes nosource;
proc datasets lib=work nolist memtype=data kill; quit;
%put NOTE:
=====;
%put NOTE: Covance Study Number : 0000001063264;
%put NOTE: Client Protocol ID   : ZRHR-REXC-03-EU;
%put NOTE: Program Name        : t_spmas.sas;
%put NOTE: Purpose              : table decriptive stats of spma asjusted
for creat by sex ;
%put NOTE: ;
%put NOTE: Input Data           : ADAM.ADBX ADAM.ADSL;
%put NOTE: Output               : t_15_2_3_9_1(spma);
%put NOTE: Macros Called        : _MPRINTTO;
%put NOTE: ;
%put NOTE: Programmed by        : cvn_jriley;
%put NOTE: Creation Date        : 2014-05-15;
%put NOTE: SAS Version          : 9.3;
%put NOTE: ;
%put NOTE: == Latest Run
=====;
%put NOTE: Run by                : &sysuserid;
%put NOTE: Date/Time             :
%sysfunc(putn(%sysfunc(date()),e8601da.))T%sysfunc(putn(%sysfunc(time()),
e86011z.));
%put NOTE: ;
%put NOTE: == Modification History
=====;
%put NOTE: Date      Initials   No. Reason;
%put NOTE: 16May2014  JMH        1)   Removed comma from Day 5
timepoint;
%put NOTE: 16May2014  JMH        2)   Amended to display BLOQ row;;
%put NOTE: 16May2014  JMH        3)   Amended DPs for percent Chg;
%put NOTE: 11Jun2014  JR         4)   Amended err-ors with merge;
%put NOTE: 11Jun2014  JR         5)   Amended footnote for BLQ;
%put NOTE: 11Jun2014  JR         6)   Amended units;
%put NOTE: 19Jun2014  JMH        7)   Amended label of Geometric CI and
added footnote;
%put NOTE: 19Jun2014  JMH        8)   Amended BLOQ footnote;
%put NOTE: 19Jun2014  JMH        9)   Amended title;
%put NOTE: 24Jun2014  JMH        10)  Amended in line with formatting
updates;
%put NOTE: 01Aug2014  JMH        11)  Amended in line with formatting
updates;
%put NOTE: 05Aug2014  JMH        12)  Amended format of BLOQ count;
%put NOTE: 18Sep2014  JR         13)  Amended baseline footnote;
%put NOTE: 25Sep2014  JR         14)  Amended blow percentage
calculation;
%put NOTE:
=====;
options notes source source2 nofullstimer validvarname=upcase missing='
';
ods _all_ close;
ods listing;

```

```

*=====;
* START OF PROGRAM CODE ;
*=====;

%let tflno=T_15_02_03_09_01(spma);

%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",""));
run;

*****;
* read in data ;
*****;

/*Use ADSL to get N values for column headers*/
data adsl;
    set adam.adsl(where=(fasfl='Y'));
run;

proc sort data=adsl nodupkey out=adsl1;
    by trt01an trt01a subjid sexc;
run;

proc freq data=adsl1(where=(not missing(trt01an))) noprint;
    table trt01an*trt01a*sexc/ out =tot(drop=percent
rename=(count=total));
run;

data tot2;
    set tot;
    call symput('trt' || compress(put(trt01an,best.)) ||
substr(sexc,1,1), compress(total));
run;

/*Bring in appropriate data from ADBX*/
data adbx1;
    set adam.adbx(where=(anl02fl='Y' and fasfl='Y' and paramcd in
('USPMACRE')));
run;

data adbx;
    set adbx1;
    IF ABLFL='Y' THEN DO; AVISIT='Baseline'; AVISITN=100; END; /* 11)
JMH 01Aug2014 */
    IF AVISIT NE 'Baseline' AND AVISITN LT 101 THEN DELETE; /* 11) JMH
01Aug2014 */
    CALL SYMPUT("AVALU",LEFT(STRIP(AVALU))); /* 6) JR 11Jun2014 */
run;

```

```

data adbx_orig;
    set adbx;
    statval=aval;
    type='abs';
    output;
    statval=pchg;
    type='pchg';
    output;
run;

proc sort data=adbx_orig;
    by type trtan trta avisitn avisit atptn atpt sexc;
run;

proc means data=adbx_orig noprint;
    var statval;
    by type trtan trta avisitn avisit atptn atpt sexc;
    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.
            median length=$20.
            quart  aci length=$20.;

    n = left(compress(put(n1,8.)));
    /*IF TYPE='abs' THEN DO;*/ /* 3) JMH 16May2014 */ /* 10) JMH
24Jun2014 */
    * differing DP per biomarker ;
    * SPMA as 3dp;
    /*      if not missing(median1) then median  =
left(compress(put(median1,8.4))); */
    /*      if not missing(mean1) and not missing(std1) then meansd  =
left(compress(put(mean1,8.4))) || ' (' ||
left(compress(put(0.00001*ceil(std1/0.00001),8.5))) || ')'; */
    /*      if not missing(min1) and not missing(max1) then minmax  =
left(compress(put(min1,8.3))) || ', ' || left(compress(put(max1,8.3)));*/
    /*      if not missing(lci1) and not missing(uci1) then aci  =
strip(put(0.01*floor(lci1/0.01),8.4)) || ', ' ||
strip(put(0.01*ceil(uci1/0.01),8.4)); */
    /*      IF NOT MISSING(Q1) AND NOT MISSING(Q3) THEN QUART  =
STRIP(STRIP(PUT(0.0001*FLOOR(Q1/0.0001),8.4)) || ', ' ||
STRIP(PUT(0.0001*CEIL(Q3/0.0001),8.4))); /* 10) JMH 24JUN2014 */ */
    /*      END;*/
    ELSE DO; /* 3) JMH 16May2014 */
        IF NOT MISSING(MEDIAN1) THEN MEDIAN  =
LEFT(COMPRESS(PUT(MEDIAN1,8.2)));

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```

        IF NOT MISSING(MEAN1) AND NOT MISSING(STD1) THEN MEANSD =
LEFT(COMPRESS(PUT(MEAN1,8.2))) || ' (' ||
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(0.01*FLOOR(Q1/0.01),8.2)) || ', ' ||
STRIP(PUT(0.01*CEIL(Q3/0.01),8.2))); /* 10) JMH 24JUN2014 */
/*      END;*/

```

```

        drop /*n1*/ mean1 std1 median1 min1 max1 q1 q3 uci1 lci1 ; /* 14) JR
25Sep2014 */
run;

```

```

/*Obtain subjects with values BLOQ*/
data adbx_blq;
    set adbx;
    where bloqfl='Y';
    statval=aval;
    type='abs';
    output;
    statsval=pchg;
    type='pch';
    output;
run;

```

```

proc freq data=adbx_blq noprint;
    table type*trtan*trta*avisitn*avisit*atptn*atpt*sexc/ out
=blq(drop=percent);
run;

```

```

%macro outrtf(blankn=, halfblnk=);

```

```

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

```

```

%let dsid=%sysfunc(open(blq));
%let nsum=%sysfunc(attrn(&dsid.,nobs));
%let rc=%sysfunc(close(&dsid.));

```

```

%put "Check " &nsum.;

```

```

%if &nsum. lt 1 %then %do;
    proc sort data=adbx_orig nodupkey out=tpts(keep=type avisitn
avisit atptn atpt trtan trta sexc);
        by trtan trta type avisitn avisit atptn atpt sexc;
    run;

```

```

        data blq1;
            set tpts;
            attrib blq length=$50.;
            blq='0';
        run;
    %end;

%else %do;
    /* Start 4) JR 11Jun2014 */
    /*DATA ADSL_BLO_ABS;*/
    /*    SET TOT;*/
    /*    ATTRIB AVISIT LENGTH=$40.*/
    /*                AVISITN LENGTH=8.*/
    /*                TYPE LENGTH=$3.;*/
    /*    RENAME TRT01AN=TRTAN;*/
    /*    RENAME TRT01A=TRTA;*/
    /*    TYPE='abs';*/

    /*    AVISITN=99;*/ /* 11) JMH 01Aug2014 */
    /*    AVISIT='Day -1';*/
    /*    OUTPUT;*/
    /*    AVISITN=100;*/
    /*    /*AVISIT='Baseline' 'Day 0';*/ /* 11) JMH 01Aug2014 */
    /*    OUTPUT;*/
    /*    AVISITN=101;*/
    /*    AVISIT='Day 1';*/
    /*    OUTPUT;*/
    /*    AVISITN=102;*/
    /*    AVISIT='Day 2';*/
    /*    OUTPUT;*/
    /*    AVISITN=103;*/
    /*    AVISIT='Day 3';*/
    /*    OUTPUT;*/
    /*    AVISITN=104;*/
    /*    AVISIT='Day 4';*/
    /*    OUTPUT;*/
    /*    AVISITN=105;*/
    /*    AVISIT='Day 5';*/
    /*    OUTPUT;*/
    /*RUN;*/
    /**/
    /*DATA ADSL_BLO_PCH;*/
    /*    SET TOT;*/
    /*    ATTRIB AVISIT LENGTH=$40.*/
    /*                AVISITN LENGTH=8.*/
    /*                TYPE LENGTH=$3.;*/
    /*    RENAME TRT01AN=TRTAN;*/
    /*    RENAME TRT01A=TRTA;*/
    /*    TYPE='pch';*/

    /*    AVISITN=99;*/ /* 11) JMH 01Aug2014 */
    /*    AVISIT='Day -1';*/
    /*    OUTPUT;*/

```

```

        /*AVISITN=100;
        AVISIT='Baseline' 'Day 0';*/ /* 11) JMH 01Aug2014 */
/*
    OUTPUT;*/
/*
    AVISITN=101;*/
/*
    AVISIT='Day 1';*/
/*
    OUTPUT;*/
/*
    AVISITN=102;*/
/*
    AVISIT='Day 2';*/
/*
    OUTPUT;*/
/*
    AVISITN=103;*/
/*
    AVISIT='Day 3';*/
/*
    OUTPUT;*/
/*
    AVISITN=104;*/
/*
    AVISIT='Day 4';*/
/*
    OUTPUT;*/
/*
    AVISITN=105;*/
/*
    AVISIT='Day 5';*/
/*
    OUTPUT;*/
/*RUN;*/
/**/
/*PROC SORT DATA=ADSL_BLQ_ABS; BY TYPE TRTAN TRTA AVISITN AVISIT SEXC;
RUN;*/
/**/
/*PROC SORT DATA=ADSL_BLQ_PCH; BY TYPE TRTAN TRTA AVISITN AVISIT SEXC;
RUN;*/
/**/
/*DATA ADSL_BLQ;*/
/*
    MERGE ADSL_BLQ_ABS ADSL_BLQ_PCH;*/
/*
    BY TYPE TRTAN TRTA AVISITN AVISIT SEXC;*/
/*RUN;*/
/**/
/*DATA TOT3;*/
/*
    SET TOT;*/
/*
    RENAME TRT01AN=TRTAN;*/
/*
    RENAME TRT01A=TRTA;*/
/*RUN;*/
/**/
/*PROC SORT DATA=ADSL_BLQ; BY TRTAN TRTA SEXC; RUN;*/
/*PROC SORT DATA=TOT3; BY TRTAN TRTA SEXC; RUN;*/
/**/
/*DATA TOT_BLQ;*/
/*
    MERGE ADSL_BLQ(IN=A) TOT3(IN=B);*/
/*
    BY TRTAN TRTA SEXC;*/
/*RUN;*/
/**/
/*PROC SORT DATA=TOT_BLQ; BY TRTAN TRTA TYPE AVISITN AVISIT SEXC; RUN;*/
/* End 4) JR 11Jun2014 */
/* START 14) JR 25Sep2014 */
        PROC SORT DATA=ADBX_ORIG NODUPKEY OUT=TPTS(KEEP=TYPE SEXC AVISITN
AVISIT ATPTN ATPT TRTAN TRTA);
            BY TRTAN TRTA TYPE AVISITN AVISIT SEXC ATPTN ATPT;

        RUN;

        DATA BLQTOTS;

```

```

        SET RESULTS03(RENAME=(N1=TOTAL));
        KEEP TYPE TR: AVISIT: SEXC ATPT: TOTAL;
RUN;

PROC SORT DATA=BLQTOTS; BY TRTAN TRTA TYPE AVISITN AVISIT SEXC;
RUN;

PROC SORT DATA=TPTS; BY TRTAN TRTA TYPE AVISITN AVISIT SEXC; RUN;

DATA TOT_BLQ;
    MERGE TPTS BLQTOTS;
    BY TRTAN TRTA TYPE AVISITN AVISIT SEXC;
RUN;

PROC SORT DATA=TOT_BLQ;
    BY TRTAN TRTA TYPE AVISITN AVISIT ATPTN ATPT SEXC;
RUN;
/* end 14) JR 25Sep2014 */

data blq1;
    attrib blq length=$50.;
    merge blq(in=a) /*tot*/TOT_BLQ; /* 4) JR 11Jun2014 */
    by trtan trta TYPE avisitn avisit atptn atpt SEXC; /* 4)
JR 11Jun2014 */
    if not a then do;
        count=0;
    end;
    IF TOTAL NE 0 THEN percent1=count/total*100; /* 14) JR
25Sep2014 */
    ELSE PERCENT=0;
    PERCENT=ROUND(PERCENT1,0.1); /* 4) JR 10Jun2014 */

    if count=0 then blq='0';
    else if percent=100 then blq= put(count,3.)||' (100
%)';
    else blq=put(count,3.)||'
('||put(percent,5.1/*3.1*/*3.*/)||'%'); /* 4) JR 11Jun2014 */ /* 12)
JMH 05Aug2014 */
        run;
%end;

/*Obtain the geometric mean*/

data gmean;
    set adbx_orig(where=(type='abs'));
    statvall=statval;
    if aval > 0 then ln_statvall=log(statvall);
run;

proc means data=gmean noprint;
    output out=gmean1 mean=mean std=std1 lclm=lcil uclm=ucil nmiss=miss;
    var ln_statvall;
    by trtan trta type avisitn avisit atptn atpt sexc;
run;

```

```

data gmean2;
  set gmean1;
  gmean1=exp(mean);
  if miss = 0 then do;
/*      gmean=left(compress(put(gmean1,8.4)));*/
/*      gcv=compress(put(0.0001*ceil((sqrt(exp(std1*std1)-
1)*100)/0.0001),8.4)); */
      GMEAN=LEFT(COMPRESS(PUT(ROUND(GMEAN1,0.01),8.2))); /* 10) JMH
24Jun2014 */
      GCV=COMPRESS(PUT(0.01*CEIL((SQRT(EXP(STD1*STD1)-
1)*100)/0.01),8.2)); /* 10) JMH 24Jun2014 */
      glci=exp(lcil);
      guci=exp(ucil);
  end;
  keep type trtan trta avisitn avisit atptn atpt sexc gmean gcv glci guci
stdl miss;
run;

```

```

/*Combine the Gmean and BLQ with other stats*/
proc sort data=results03;
  by trtan trta type avisitn avisit atptn atpt sexc;
run;

```

```

data results04;
  merge results03 gmean2 blq1;
  attrib gmeancv length=$20.;
  by trtan trta type avisitn avisit atptn atpt sexc;
  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(0.0001*floor(glci/0.0001),8.4)) || ', ' ||
strip(put(0.0001*ceil(guci/0.0001),8.4))); */
      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))); /* 10) JMH 24Jun2014 */
run;

```

```

proc sort data=results04;
  by trtan trta type avisitn avisit atptn atpt sexc;
run;

```

```

proc sort data=blq1;
  by trtan trta type avisitn avisit atptn atpt sexc;
run;

```

```

data results05;
  merge results04 blq1;
  by trtan trta type avisitn avisit atptn atpt sexc;

```

```

  if type='abs' then aci='';
  IF TYPE = 'pch' THEN BLQ = '';

```



```

        * create merge variable;
        mvar=substr(sexc,1,1);
run;

proc sort data=results05;
    by type trtan avisitn avisit atptn atpt sexc;
run;

proc transpose data=results05(where=(type='abs')) out=results06 prefix=r
name=varname;
    by trtan trta avisitn avisit atptn atpt;
    var n meansd median minmax aci quart blq gmeancv ci;
    id mvar;
run;

proc transpose data=results05(where=(type='pch' and avisitn>100))
out=results06c prefix=c name=varname;
    by trtan trta avisitn avisit atptn atpt;
    var n meansd median minmax aci quart blq;
    id mvar;
run;

proc sort data=results06;
    by trtan trta avisitn avisit atptn atpt varname;
run;

proc sort data=results06c;
    by trtan trta avisitn avisit atptn atpt varname;
run;

data results07;
    merge results06 results06c;
    by trtan trta avisitn avisit atptn atpt varname;
    attrib stat variable length = $100.;
    varname=upcase(varname);

/*      if avisitn gt 104 then variable=compbl(avisit ||', '|| atpt);*/ /*
1) JMH 16May2014 */
    /*else*/ variable=compbl(avisit);

    if varname='N' then do;
        statord=1;
        stat='n';
    end;
    else if varname='BLQ' then do;
        statord=2;
        stat='BLOQ - n (%)';
        /*delete;*/          * required for this output; /* 2) JMH
16May2014 */
    end;

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        else if varname='GMEANCV' then do;
            statord=3;
            stat='Geometric Mean (CV%)';
        end;
    else if varname='CI' then do;
        statord=4;
        /*      stat='95% CI'; */
        STAT='Geometric 95% CI'; /* 7) JMH 19Jun2014 */ /* 10) JMH
24Jun2014 */
    end;
    else if varname='MEDIAN' then do;
        statord=5;
        stat='Median';
    end;
    else if varname='QUART' then do;
        statord=6;
        stat='Q25, Q75';
    end;
    else if varname='MINMAX' then do;
        statord=7;
        stat='Min, Max';
    end;
    else if varname='MEANSD' then do;
        statord=8;
        stat='Mean (SD)';
    end;
    else if varname='ACI' then do;
        statord=9;
        stat='95% CI';
    end;
    drop varname;
run;

data results08;
    set results07;

    if stat='N' then do;
        * havent set changes to missing as not expected ;
        if missing(rf) then rf='0';
        if missing(rm) then rm='0';

    end;
run;

data labels;
set results08;
    attrib rm label = "Raw$value"
           cm label = '%Change$(*)'
           rf label = "Raw$value"
           cf label = '%Change$(*)';

    if index(variable,'T0') then
variable=tranwrd(variable,'T0','T${suB 0}');

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```

                                flag=1;

run;

proc sql noprint;
    create table table.T_15_02_03_09_01 as
        select trtan, trta, avisitn, atpt, variable, statord, stat, rm, cm,
rf, cf
        from labels
        order by trtan, avisitn, atptn, statord;
quit;

proc sort data=labels;
    by trtan avisitn atptn statord;
run;

data paging;
    set labels;
    by trtan avisitn atptn statord;
    if (first.avisitn or first.atptn) or ln > 16 then ln=1; /*Amend to
look presentable, and avoid page overflows*/
    else ln+1;
    if ln=1 then page+1;
    call symput("page",compress(put(page,best.)));
run;

options number nodate orientation=landscape papersize=&p_pgsz 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.tl06324 (read) ;
ods results off;
ods rtf toc_data
file="/cvn/projects/prj/data/000000106324/TFL/&TFL_Part./&tflno..rtf"
style=tl06324 startpage=yes headery=1440 footery=1440 ;
ods noproctitle;

%do i=1 %to &page;

title ;
footnote;
%let wd=0;

data comp;
    set paging end=eof;
    where page=&i;

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```

/* Amend title as needed */
/* _firtitl="Table 15.2.3.9.1 Descriptive Statistics of SPMA Urinary
Concentration Adjusted for Creatinine"; */
_firtitl="Table 15.2.3.9.1 Descriptive Statistics of S-PMA Urinary
Concentration Adjusted for Creatinine"; /* 9) JMH 19Jun2014 */
_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;

call symput('ordern',compress(put(trtan,best.)));
call symput('order',trim(trta));

drop _firtitl _upcas len;
run;

ods proclabel = ' ';
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;
proc report data = comp missing headline headskip missing nowd split =
'$' %if &i=1 %then %do; contents=' ' %end; %else %do; contents=' ' %end;;
column flag page avisitn atptn variable statord stat

(" &order.&linebot" ("Male$(N=&&trt&ordern.m)&linebot" rm cm)
("Female$(N=&&trt&ordern.f)&linebot" rf cf))

;

define flag / order order = internal noprint;
define page / order order = internal noprint;
define avisitn / order order=internal noprint;
define atptn / order order=internal noprint;
define variable / group style={just=left cellwidth=1.8/*2*/cm}
style(header)={just=center} "Timepoint"; /* 10) JMH 24Jun2014 */
define statord / order order = internal noprint;
define stat / display style={just=left cellwidth=2.3/*3*/cm}
style(header)={just=center} "Statistic"; /* 10) JMH 24Jun2014 */

define rm / display style={just=CENTER/*d*/ cellwidth=2cm}
style(header)={just=center}; /* 10) JMH 24Jun2014 */
define cm / display style={just=CENTER/*d*/ cellwidth=2cm}
style(header)={just=center};
define rf / display style={just=CENTER/*d*/
cellwidth=2.5cm} style(header)={just=center};

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```

define cf          / display style={just=CENTER/*d*/
cellwidth=2.5cm} style(header)={just=center}; /* 10) JMH 24Jun2014 */

break before flag / page %if &i=1 %then %do;
contents="%_fsrtitl" %end; %else %do; contents='' %end;;

break after page / page;

compute after variable;
    line " ";
endcomp;

compute before page / style={protectspecialchars=off};;
    line "&linetop";
endcomp;

/*      compute after page/style={just=left cellwidth=5cm
protectspecialchars=off};*/ /* 11) JMH 01Aug2014 */
/*      line "&linebot" ;*/
/*      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 "\b\fs24\sa24(ng/mL / mg/dL creat) by Sex - FAS";*/
/* 6) JR 11Jun2014 */
        line "\b\fs24\sa24(&avalu) by Sex - FAS";
        line "&linebot";
    endcomp;

    compute after _page_ / style={just=left protectspecialchars=off
PRETEXT="&LINETOP."}; /* 11) JMH 01Aug2014 */
        line 'Note: CC = Conventional cigarettes; SA = Smoking
abstinence; THS = Tobacco Heating System.';
/*LINE "Note: Geo 95% CI represents the 95% CI of the geometric
mean."; *//* 7) JMH 19Jun2014 */
        LINE 'Note: Geometric: mean, CV% and 95% confidence interval
(CI) are reported.'; /* 10) JMH 24Jun2014 */
        line "Note: * % change from baseline, where baseline is the
last assessment prior to first product use in CC/THS 2.2 arms on Day 1 or
last assessment prior to 06:29 AM in SA arm on Day 1."; /* 13) JR
18Sep2014 */
/*      line "Note: * % change from baseline, where baseline is
defined as the last assessment prior to 06:29 AM on Day 1.";*/
        line "Note: Collection over 24 hours starting on the Day
stated in the table.";
        %if &nsum. ge 1 %then %do;
            /*line 'Note: LOQ = 0.0250 ng/mL';*/ /*Update this value if
required*/ /* 5) JR 11Jun2014 */
            /*LINE 'Note: BLOQ = 0.0250 ng/mL'; */ /* 8) JMH 19Jun2014 */
            LINE "Note: BLOQ = number of observations imputed using
half limit of quantification (0.0250 ng/mL)."; /* 11) JMH 01Aug2014 */
        %end;

```

```

        line ' ';
        line 'Appendix 15.3.3.1';
        line "Path: &TFLpath." &_blankn.*"\~\~" "(Page &i of &page)";
        line "Program Run: &sysdate  &sysuserid  Program Status:
&status";
        endcomp;
run;

%end;
ods rtf close;
ods results on;
ods path sashelp.tmplmst (read);

%mend ;

%outrtf(blankn=67, halfblnk=N);
ods listing;
proc printto print = "&table./T_15_02_03_09_01.lst" new;
run;

proc contents data = table.T_15_02_03_09_01 varnum;
run;
ods listing close;
proc printto ; run;
*=====;
* END OF PROGRAM CODE ;
*=====;

```