**Program 14.1 Display of Data and Summary Statistics**

ods rtf file="D:\Temp\ICER\_SumCostEff.rtf"

style=minimal;

proc tabulate data = icer;

class therapy;

var respdays totcost;

tables therapy,

(totcost='Total Costs' respdays='Response Days (BPRS)')\*

(N\*FORMAT=3. P25 MEDIAN P75 MEAN STD);

title 'Summary of costs and effectiveness measures by therapy';

run;

ods rtf close;

proc sort data = ICER;

by therapy; run;

proc univariate data =ICER noprint;

by therapy;

var totcost;

histogram / lognormal(fill l=b) cfill=yellow midpoints =

2500 to 152500 by 5000;

title h=2.5 lspace=1 "Test histogram: raw costs – lognormal distribution";

run;

data icer2; set icer;

group=floor(totcost/10000);

run;

proc sort data=icer2; by therapy group;

run;

filename MYFILE "D:\Temp\ICER\_TOTCOST.gif";

goptions reset=all device=gif gsfname=MYFILE gsfmode=replace htext=1 ftext=swiss rotate=landscape;

proc format;

value charge 0='<1';

run;

legend1 label=none across=3 value=(height=1.3) cborder=black cblock=gray;

pattern1 v=solid c=black;

pattern3 v=solid c=LIBRGR ;

pattern2 v=L1 c=black;

footnote1 h=1.5 'Total Costs (10 thou. $)';

title 'Summary of Total Costs by Initial Therapy’;

AXIS1 LABEL=none value=(H=1.5 C=BLACK);

AXIS2 LABEL=(H=2 C=BLACK angle=90 "Frequency" J=CENTER) value=(H=1.5 C=BLACK);

AXIS3 label=none value=none;

PROC GCHART data=ICER2;

format group charge.;

VBAR therapy/patternid=subgroup subgroup=therapy group=group space=0

ref=(10 to 120 by 10) gaxis=axis1 raxis=axis2 maxis=axis3 legend=legend1;

run;

quit;