**proc** **power**;

twosamplefreq test=pchi

groupproportions=(**.15** **.2093**)

ntotal=**.**

power=**.8**;

**run**;

**proc** **power**;

twosamplefreq

test=PCHI

ODDSRATIO = **1.5**

/\* percent of controls exposed\*/

refproportion = **.15**

groupweights = (**1** **1**)

ntotal = **.**

power = **.8**;

**run**;

**proc** **power**;

twosamplefreq

test=PCHI

RELATIVERISK = **1.5**

/\* percent of unexposed with outcome\*/

refproportion = **0.15**

groupweights = (**1** **1**)

ntotal = **.**

power = **.8**;

**run**;

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

/\*t-test\*/

**proc** **power**;

twosamplemeans test=diff meandiff=**118.3** stddev=**173.8**

ntotal= **100**

/\*groupns = (50 50) (20 80) (10 90)\*/

power=**.**;

**run**;

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

/\*Power for 1:1 Paired Study\*/

**proc** **power**;

pairedfreq dist=normal method=connor

corr= **0** **0.2** **0.5** **0.8**

ODDSRATIO=**1.5**

refproportion = **0.15**

npairs = **.**

power = **.80**;

**run**;

/\*Power for two continuous variables\*/

**proc** **power**;

onecorr dist=t

corr = **0.45**

ntotal = **.**

power = **0.8**;

**run**;

/\*McNemar\*/

**proc** **power**;

PAIREDFREQ test=mcnemar METHOD=connor dist=normal

pairedproportions=(**.15** **.2093**)

NPAIRS =**.**

power=**.8**

CORR=**0**;

**run**;