```
OPTIONS PAGENO=1;

DATA BASELINEALL;
      LENGTH SITE $20;
      INFILE 'BaselineSAS\BaselineSas.TXT' DLM = ',';
      INPUT PATNO site group$ priordaysonvent pbw vsimv$ psvp$
                  assist$ pcvp$ pcirv$ other$ AGE
                  gender$ APACHE TV TVKG pplat peakP PEEP FIO2 PAO2
                  PACO2 ARTPH dead$ deadday uab28$ uab28day icu28$ icu28day dis_alive$
                  disaliveday vfd bardays cardio cns coag renal hepatic;


*this reads in the FOIA dataset labeled “baselineSAS’;

COMP= (TVKG/(PPLAT-PEEP));


if comp lt .405 then comp4=1;
if comp ge .405 and comp lt .503 then comp4=2;
if comp ge .503 and comp lt .612 then comp4=3;
if comp ge .612 then comp4=4;
if comp=. then comp4=.;


      IF COMP=. THEN DELETE;

RUN;

proc corr spearman;
   var tvkg pplat;
   run;




proc sort;by comp4;
proc corr spearman;
   var pplat tvkg;
   by comp4;

proc npar1way wilcoxon;
    class comp4;
      var tvkg;


   run;
```

```
                              PaO2/FiO2 Ratio in SCREEN Stduy                                1
                                     The CORR Procedure

                              2  Variables:    TVKG     pplat


                                     Simple Statistics

     Variable           N          Mean       Std Dev        Median       Minimum       Maximum
```

TVKG	520	10.34847	1.83083	10.27397	4.33490	16.94915
pplat	520	29.58558	7.57450	29.00000	11.00000	69.00000

Spearman Correlation Coefficients, N = 520
Prob > |r| under H0: Rho=0

	TVKG	pplat
TVKG	1.00000	0.17682 <.0001
pplat	0.17682 <.0001	1.00000

---------- comp4=1 ----------

The CORR Procedure

2 Variables: pplat TVKG

Simple Statistics

Variable	N	Mean	Std Dev	Median	Minimum	Maximum
pplat	129	37.17054	6.53664	37.00000	22.00000	69.00000
TVKG	129	9.44372	1.67132	9.58904	4.33490	13.97206

Spearman Correlation Coefficients, N = 129
Prob > |r| under H0: Rho=0

	pplat	TVKG
pplat	1.00000	0.39258 <.0001
TVKG	0.39258 <.0001	1.00000

---------- comp4=2 ----------

The CORR Procedure

2 Variables: pplat TVKG

Simple Statistics

Variable	N	Mean	Std Dev	Median	Minimum	Maximum
pplat	130	31.54103	5.65857	31.00000	18.33333	50.00000
TVKG	130	10.50052	1.71287	10.52632	5.96491	16.73913

Spearman Correlation Coefficients, N = 130
Prob > |r| under H0: Rho=0

	pplat	TVKG
pplat	1.00000	0.56854 <.0001
TVKG	0.56854 <.0001	1.00000

---------- comp4=3 ----------

The CORR Procedure

2 Variables: pplat TVKG

Simple Statistics

Variable	N	Mean	Std Dev	Median	Minimum	Maximum
pplat	125	26.84400	4.53845	26.00000	17.66667	39.00000
TVKG	125	10.49130	1.62464	10.30928	6.21212	14.64435

Spearman Correlation Coefficients, N = 125
Prob > |r| under H0: Rho=0

	pplat	TVKG
pplat	1.00000	0.63759 <.0001
TVKG	0.63759 <.0001	1.00000

---------- comp4=4 ----------

The CORR Procedure

2 Variables: pplat TVKG

Simple Statistics

Variable	N	Mean	Std Dev	Median	Minimum	Maximum
pplat	136	23.04167	4.66727	23.00000	11.00000	36.00000
TVKG	136	10.93003	1.96110	10.98780	5.83942	16.94915

Spearman Correlation Coefficients, N = 136
Prob > |r| under H0: Rho=0

	pplat	TVKG
pplat	1.00000	0.56512 <.0001
TVKG	0.56512 <.0001	1.00000

The NPAR1WAY Procedure

Wilcoxon Scores (Rank Sums) for Variable TVKG
Classified by Variable comp4

comp4	N	Sum of Scores	Expected Under H0	Std Dev Under H0	Mean Score
1	129	24207.00	33604.50	1479.74161	187.651163
2	130	35487.50	33865.00	1483.56518	272.980769
3	125	34012.00	32562.50	1464.05101	272.096000
4	136	41753.50	35428.00	1505.69747	307.011029

Average scores were used for ties.

Kruskal-Wallis Test

Chi-Square	45.0014
DF	3
Pr > Chi-Square	<.0001