

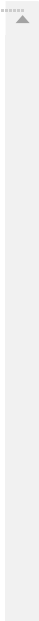
Program Summary - Assi4.sas~

Execution Environment

Author: u59397413
File: /home/u59397413/BAN100/Assi4.sas~
SAS Platform: Linux LIN X64 3.10.0-1062.9.1.el7.x86_64
SAS Host: ODAWS01-USW2.ODA.SAS.COM
SAS Version: 9.04.01M6P11072018
SAS Locale: en_US
Submission Time: 12/27/2021, 10:49:16 PM
Browser Host: CPEC09435E4AB5B-CMC09435E4AB59.CPE.NET.CABLE.ROGERS.COM
User Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/96.0.4664.110 Safari/537.36 Edg/96.0.1054.62
Application Server: ODAMID00-USW2.ODA.SAS.COM

Code: Assi4.sas~

```
data fitness;  
input age weight oxy runtime rstpulse runpulse maxpulse;
```



Log: Assi4.sas~

Notes (15)

```
1      OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
NOTE: ODS statements in the SAS Studio environment may disable some output features.
69
70      data fitness;
71      input age weight oxy runtime rstpulse runpulse maxpulse;
72      case = _n_;
73      datalines;

NOTE: The data set WORK.FITNESS has 31 observations and 8 variables.
NOTE: DATA statement used (Total process time):
      real time           0.00 seconds
      user cpu time       0.00 seconds
      system cpu time     0.00 seconds
```

```

memory          679.46k
OS Memory       29860.00k
Timestamp       12/28/2021 03:49:14 AM
Step Count      66   Switch Count  2
Page Faults     0
Page Reclaims   92
Page Swaps      0
Voluntary Context Switches 12
Involuntary Context Switches 0
Block Input Operations 0
Block Output Operations 264

```

```

105      ;
106      run;
107
108      /*AGE*/
109      title 'Person Correlation Test on Age and other variables';
110      ods graphics on;
111      proc corr data=fitness plots=matrix(hist);
112      var  age weight oxy runtime rstpulse runpulse maxpulse;
113      run;

```

NOTE: PROCEDURE CORR used (Total process time):

```

real time       0.25 seconds
user cpu time    0.12 seconds
system cpu time  0.02 seconds
memory          10671.71k
OS Memory       35416.00k
Timestamp       12/28/2021 03:49:14 AM
Step Count      67   Switch Count  0
Page Faults     0
Page Reclaims   1506
Page Swaps      0
Voluntary Context Switches 318
Involuntary Context Switches 0
Block Input Operations 0
Block Output Operations 544

```

```

114
115      title 'Spearman Correlation Test on Age and other variables';

```

```

116 ods graphics on;
117 proc corr data=fitness spearman plots=matrix(hist);
118 var age weight oxy runtime rstpulse runpulse maxpulse;
119 run;

```

NOTE: PROCEDURE CORR used (Total process time):

```

real time          0.29 seconds
user cpu time      0.17 seconds
system cpu time    0.00 seconds
memory             3860.62k
OS Memory          35416.00k
Timestamp          12/28/2021 03:49:14 AM
Step Count                68  Switch Count  0
Page Faults                0
Page Reclaims             476
Page Swaps                 0
Voluntary Context Switches 310
Involuntary Context Switches 0
Block Input Operations     0
Block Output Operations    456

```

```

120
121 /*WEIGHT*/
122 title 'Person Correlation Test on Weight and other variables';
123 ods graphics on;
124 proc corr data=fitness plots=matrix(hist);
125 var weight oxy runtime rstpulse runpulse maxpulse;
126 run;

```

NOTE: PROCEDURE CORR used (Total process time):

```

real time          0.26 seconds
user cpu time      0.11 seconds
system cpu time    0.01 seconds
memory             3669.43k
OS Memory          35416.00k
Timestamp          12/28/2021 03:49:14 AM
Step Count                69  Switch Count  0
Page Faults                0
Page Reclaims             370
Page Swaps                 0
Voluntary Context Switches 310

```

Involuntary Context Switches	0
Block Input Operations	0
Block Output Operations	440

```
127
128     title 'Spearman Correlation Test on Weight and other variables';
129     ods graphics on;
130     proc corr data=fitness spearman plots=matrix(hist);
131     var weight oxy runtime rstpulse runpulse maxpulse;
132     run;
```

NOTE: PROCEDURE CORR used (Total process time):

real time	0.26 seconds
user cpu time	0.15 seconds
system cpu time	0.00 seconds
memory	3683.12k
OS Memory	35672.00k
Timestamp	12/28/2021 03:49:15 AM
Step Count	70
Switch Count	0
Page Faults	0
Page Reclaims	419
Page Swaps	0
Voluntary Context Switches	310
Involuntary Context Switches	1
Block Input Operations	0
Block Output Operations	456

```
133
134     /*Oxygen Consumption*/
135     title 'Person Correlation Test on Oxy and other variables';
136     ods graphics on;
137     proc corr data=fitness plots=matrix(hist);
138     var oxy runtime rstpulse runpulse maxpulse;
139     run;
```

NOTE: PROCEDURE CORR used (Total process time):

real time	0.20 seconds
user cpu time	0.10 seconds
system cpu time	0.01 seconds
memory	3651.34k

OS Memory	35672.00k
Timestamp	12/28/2021 03:49:15 AM
Step Count	71 Switch Count 0
Page Faults	0
Page Reclaims	364
Page Swaps	0
Voluntary Context Switches	310
Involuntary Context Switches	0
Block Input Operations	0
Block Output Operations	432

```
140
141     title 'Spearman Correlation Test on Oxy and other variables';
142     ods graphics on;
143     proc corr data=fitness spearman plots=matrix(hist);
144     var oxy runtime rstpulse runpulse maxpulse;
145     run;
```

NOTE: PROCEDURE CORR used (Total process time):

real time	0.22 seconds
user cpu time	0.13 seconds
system cpu time	0.00 seconds
memory	3668.87k
OS Memory	35672.00k
Timestamp	12/28/2021 03:49:15 AM
Step Count	72 Switch Count 0
Page Faults	0
Page Reclaims	364
Page Swaps	0
Voluntary Context Switches	310
Involuntary Context Switches	0
Block Input Operations	0
Block Output Operations	440

```
146
147     /* Runtime*/
148     title 'Person Correlation Test on Runtime and other variables';
149     ods graphics on;
150     proc corr data=fitness plots=matrix(hist);
151     var runtime rstpulse runpulse maxpulse;
```


152 run;

NOTE: PROCEDURE CORR used (Total process time):

real time	0.16 seconds
user cpu time	0.09 seconds
system cpu time	0.01 seconds
memory	3617.28k
OS Memory	35672.00k
Timestamp	12/28/2021 03:49:15 AM
Step Count	73 Switch Count 0
Page Faults	0
Page Reclaims	364
Page Swaps	0
Voluntary Context Switches	274
Involuntary Context Switches	0
Block Input Operations	0
Block Output Operations	400

153

```
154           title 'Spearman Correlation Test on Runtime and other variables';
155           ods graphics on;
156           proc corr data=fitness spearman plots=matrix(hist);
157           var runtime rstpulse runpulse maxpulse;
158           run;
```

NOTE: PROCEDURE CORR used (Total process time):

real time	0.19 seconds
user cpu time	0.11 seconds
system cpu time	0.00 seconds
memory	3643.31k
OS Memory	35672.00k
Timestamp	12/28/2021 03:49:15 AM
Step Count	74 Switch Count 0
Page Faults	0
Page Reclaims	364
Page Swaps	0
Voluntary Context Switches	274
Involuntary Context Switches	0
Block Input Operations	0
Block Output Operations	408

```

159
160      /* Rest Pulse*/
161      title 'Person Correlation Test on Rstpulse and other variables';
162      ods graphics on;
163      proc corr data=fitness plots=matrix(hist);
164      var rstpulse runpulse maxpulse;
165      run;

```

NOTE: PROCEDURE CORR used (Total process time):

```

real time          0.14 seconds
user cpu time      0.07 seconds
system cpu time    0.00 seconds
memory             3581.50k
OS Memory          35672.00k
Timestamp          12/28/2021 03:49:16 AM
Step Count                     75  Switch Count  0
Page Faults                    0
Page Reclaims                  364
Page Swaps                     0
Voluntary Context Switches     238
Involuntary Context Switches   0
Block Input Operations         0
Block Output Operations        376

```

```

166
167      title 'Spearman Correlation Test on Rstpulse and other variables';
168      ods graphics on;
169      proc corr data=fitness spearman plots=matrix(hist);
170      var rstpulse runpulse maxpulse;
171      run;

```

NOTE: PROCEDURE CORR used (Total process time):

```

real time          0.15 seconds
user cpu time      0.09 seconds
system cpu time    0.01 seconds
memory             3602.62k
OS Memory          35672.00k
Timestamp          12/28/2021 03:49:16 AM
Step Count                     76  Switch Count  0
Page Faults                    0

```

Page Reclaims	365
Page Swaps	0
Voluntary Context Switches	238
Involuntary Context Switches	0
Block Input Operations	0
Block Output Operations	376

```
172
173      /* Run Pulse*/
174      title 'Person Correlation Test on Run pulse and other variables';
175      ods graphics on;
176      proc corr data=fitness plots=matrix(hist);
177      var runpulse maxpulse;
178      run;
```

NOTE: PROCEDURE CORR used (Total process time):

real time	0.12 seconds		
user cpu time	0.06 seconds		
system cpu time	0.00 seconds		
memory	3518.15k		
OS Memory	35672.00k		
Timestamp	12/28/2021 03:49:16 AM		
Step Count	77	Switch Count	0
Page Faults	0		
Page Reclaims	366		
Page Swaps	0		
Voluntary Context Switches	202		
Involuntary Context Switches	0		
Block Input Operations	0		
Block Output Operations	360		

```
179
180      title 'Spearman Correlation Test on Run pulse and other variables';
181      ods graphics on;
182      proc corr data=fitness spearman plots=matrix(hist);
183      var runpulse maxpulse;
184      run;
```

NOTE: PROCEDURE CORR used (Total process time):

real time	0.12 seconds
-----------	--------------

```

user cpu time      0.08 seconds
system cpu time    0.00 seconds
memory             3534.84k
OS Memory          35672.00k
Timestamp          12/28/2021 03:49:16 AM
Step Count         78  Switch Count  0
Page Faults        0
Page Reclaims      364
Page Swaps         0
Voluntary Context Switches  202
Involuntary Context Switches 0
Block Input Operations 0
Block Output Operations 360

```

```

185
186      OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
196

```

Results: Assi4.sas~

Person Correlation Test on Age and other variables

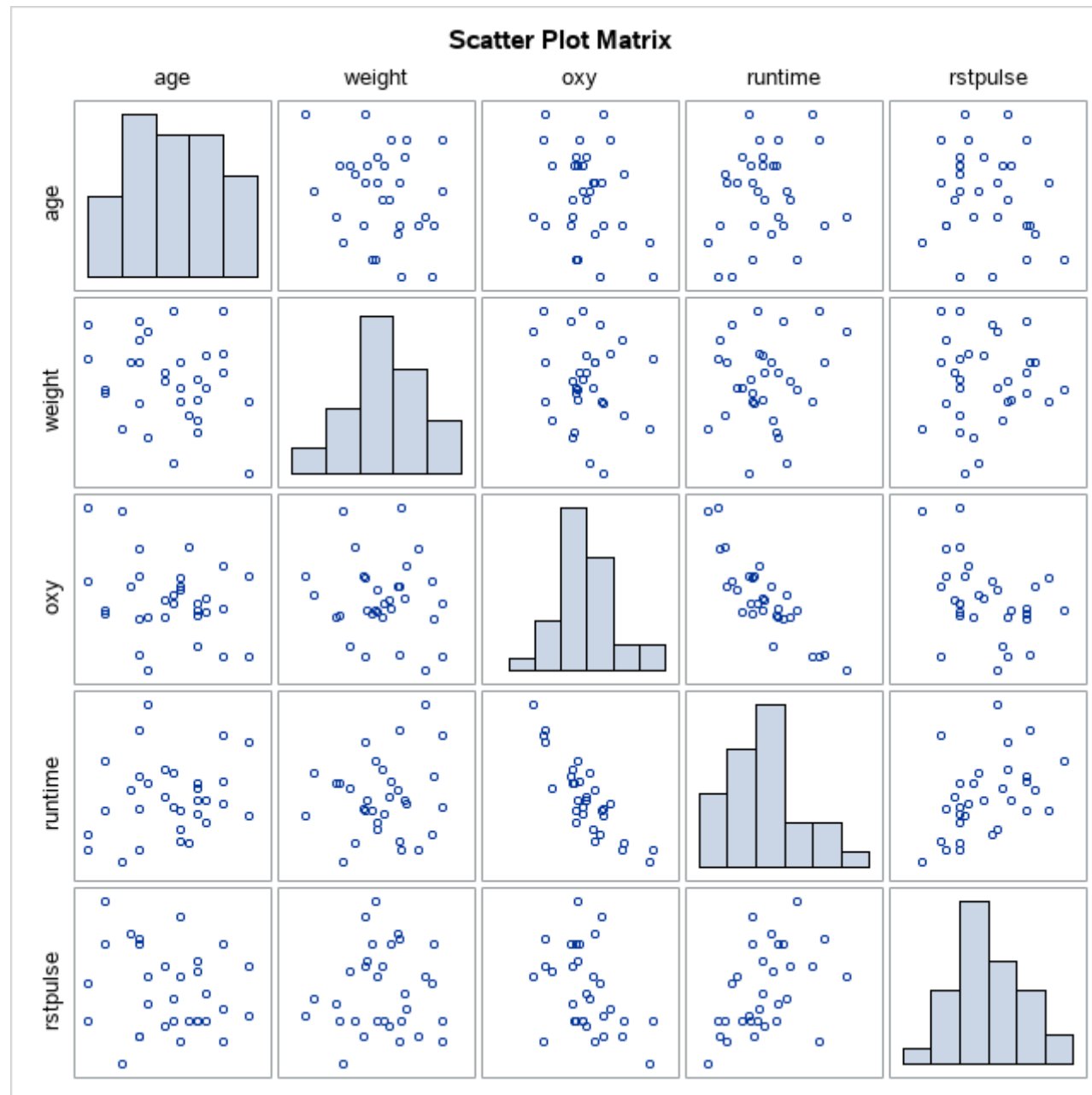
The CORR Procedure

7 Variables: age weight oxy runtime rstpulse runpulse maxpulse

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
age	31	47.67742	5.21144	1478	38.00000	57.00000
weight	31	77.44452	8.32857	2401	59.08000	91.63000
oxy	31	47.37581	5.32723	1469	37.38800	60.05500
runtime	31	10.58613	1.38741	328.17000	8.17000	14.03000
rstpulse	31	53.45161	7.61944	1657	40.00000	70.00000
runpulse	31	169.64516	10.25199	5259	146.00000	186.00000
maxpulse	31	173.77419	9.16410	5387	155.00000	192.00000

Pearson Correlation Coefficients, N = 31 Prob > r under H0: Rho=0							
	age	weight	oxy	runtime	rstpulse	runpulse	maxpulse

Pearson Correlation Coefficients, N = 31 Prob > r under H0: Rho=0							
	age	weight	oxy	runtime	rstpulse	runpulse	maxpulse
age	1.00000	-0.23354 0.2061	-0.30459 0.0957	0.18875 0.3092	-0.16410 0.3777	-0.33787 0.0630	-0.43292 0.0150
weight	-0.23354 0.2061	1.00000	-0.16275 0.3817	0.14351 0.4412	0.04397 0.8143	0.18152 0.3284	0.24938 0.1761
oxy	-0.30459 0.0957	-0.16275 0.3817	1.00000	-0.86219 <.0001	-0.39936 0.0260	-0.39797 0.0266	-0.23674 0.1997
runtime	0.18875 0.3092	0.14351 0.4412	-0.86219 <.0001	1.00000	0.45038 0.0110	0.31365 0.0858	0.22610 0.2213
rstpulse	-0.16410 0.3777	0.04397 0.8143	-0.39936 0.0260	0.45038 0.0110	1.00000	0.35246 0.0518	0.30512 0.0951
runpulse	-0.33787 0.0630	0.18152 0.3284	-0.39797 0.0266	0.31365 0.0858	0.35246 0.0518	1.00000	0.92975 <.0001
maxpulse	-0.43292 0.0150	0.24938 0.1761	-0.23674 0.1997	0.22610 0.2213	0.30512 0.0951	0.92975 <.0001	1.00000



Spearman Correlation Test on Age and other variables

The CORR Procedure

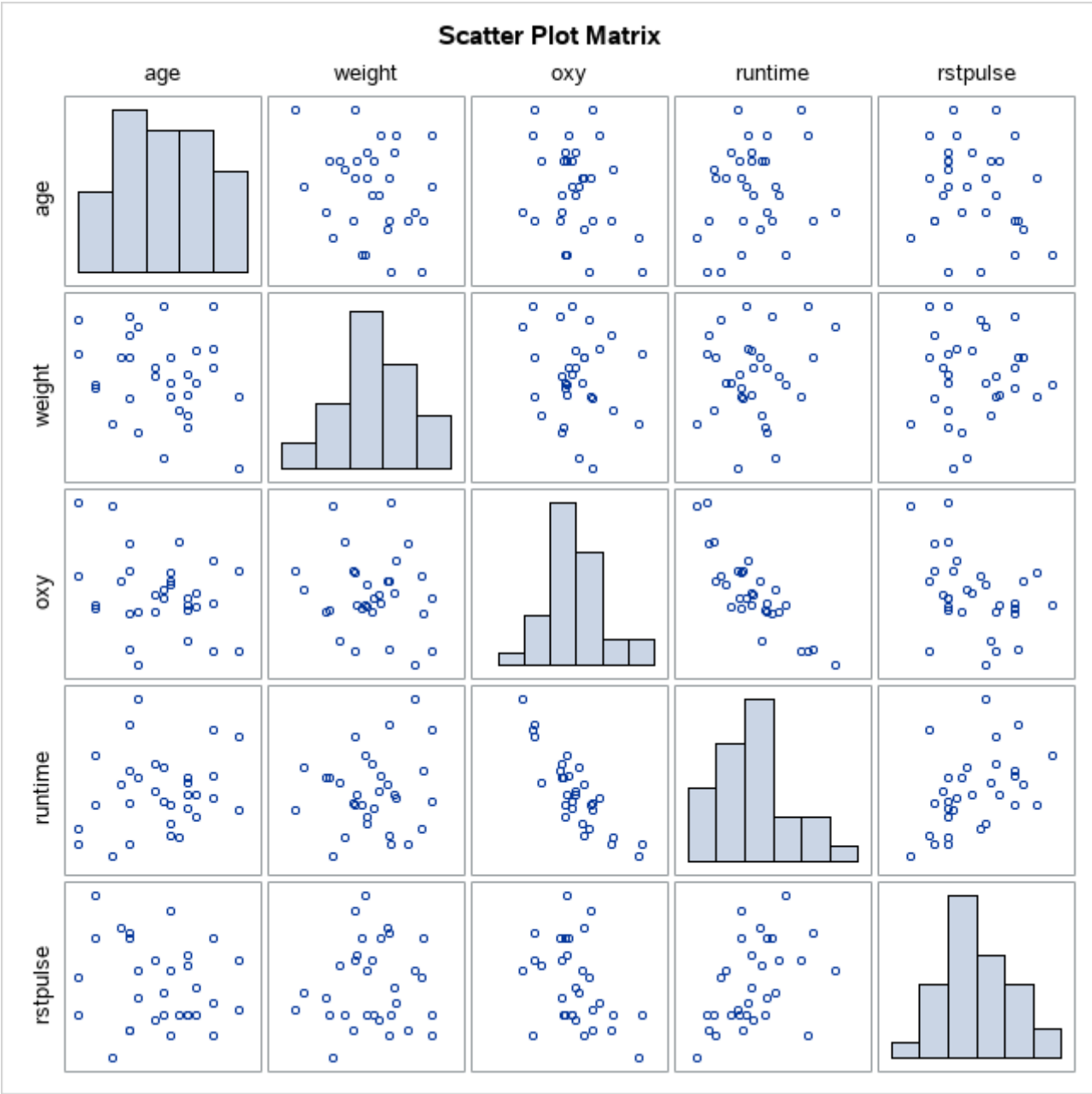
7 Variables: age weight oxy runtime rstpulse runpulse maxpulse

Simple Statistics						
Variable	N	Mean	Std Dev	Median	Minimum	Maximum
age	31	47.67742	5.21144	48.00000	38.00000	57.00000
weight	31	77.44452	8.32857	77.45000	59.08000	91.63000
oxy	31	47.37581	5.32723	46.77400	37.38800	60.05500
runtime	31	10.58613	1.38741	10.47000	8.17000	14.03000
rstpulse	31	53.45161	7.61944	52.00000	40.00000	70.00000
runpulse	31	169.64516	10.25199	170.00000	146.00000	186.00000
maxpulse	31	173.77419	9.16410	172.00000	155.00000	192.00000

Pearson Correlation Coefficients, N = 31 Prob > r under H0: Rho=0							
	age	weight	oxy	runtime	rstpulse	runpulse	maxpulse
age	1.00000	-0.23354 0.2061	-0.30459 0.0957	0.18875 0.3092	-0.16410 0.3777	-0.33787 0.0630	-0.43292 0.0150
weight	-0.23354 0.2061	1.00000	-0.16275 0.3817	0.14351 0.4412	0.04397 0.8143	0.18152 0.3284	0.24938 0.1761
oxy	-0.30459 0.0957	-0.16275 0.3817	1.00000	-0.86219 <.0001	-0.39936 0.0260	-0.39797 0.0266	-0.23674 0.1997
runtime	0.18875 0.3092	0.14351 0.4412	-0.86219 <.0001	1.00000	0.45038 0.0110	0.31365 0.0858	0.22610 0.2213
rstpulse	-0.16410 0.3777	0.04397 0.8143	-0.39936 0.0260	0.45038 0.0110	1.00000	0.35246 0.0518	0.30512 0.0951
runpulse	-0.33787 0.0630	0.18152 0.3284	-0.39797 0.0266	0.31365 0.0858	0.35246 0.0518	1.00000	0.92975 <.0001
maxpulse	-0.43292 0.0150	0.24938 0.1761	-0.23674 0.1997	0.22610 0.2213	0.30512 0.0951	0.92975 <.0001	1.00000

Spearman Correlation Coefficients, N = 31 Prob > r under H0: Rho=0							
	age	weight	oxy	runtime	rstpulse	runpulse	maxpulse
age	1.00000	-0.16152 0.3853	-0.18351 0.3231	0.15883 0.3934	-0.11766 0.5285	-0.29810 0.1033	-0.38682 0.0316
weight	-0.16152 0.3853	1.00000	-0.09318 0.6181	0.07483 0.6891	-0.02958 0.8745	0.07541 0.6868	0.14260 0.4441
oxy	-0.18351 0.3231	-0.09318 0.6181	1.00000	-0.80806 <.0001	-0.38028 0.0348	-0.43748 0.0138	-0.32239 0.0769
runtime	0.15883 0.3934	0.07483 0.6891	-0.80806 <.0001	1.00000	0.48618 0.0056	0.28390 0.1217	0.20580 0.2667

Spearman Correlation Coefficients, N = 31 Prob > r under H0: Rho=0							
	age	weight	oxy	runtime	rstpulse	runpulse	maxpulse
rstpulse	-0.11766 0.5285	-0.02958 0.8745	-0.38028 0.0348	0.48618 0.0056	1.00000	0.36765 0.0419	0.32634 0.0732
runpulse	-0.29810 0.1033	0.07541 0.6868	-0.43748 0.0138	0.28390 0.1217	0.36765 0.0419	1.00000	0.93152 <.0001
maxpulse	-0.38682 0.0316	0.14260 0.4441	-0.32239 0.0769	0.20580 0.2667	0.32634 0.0732	0.93152 <.0001	1.00000



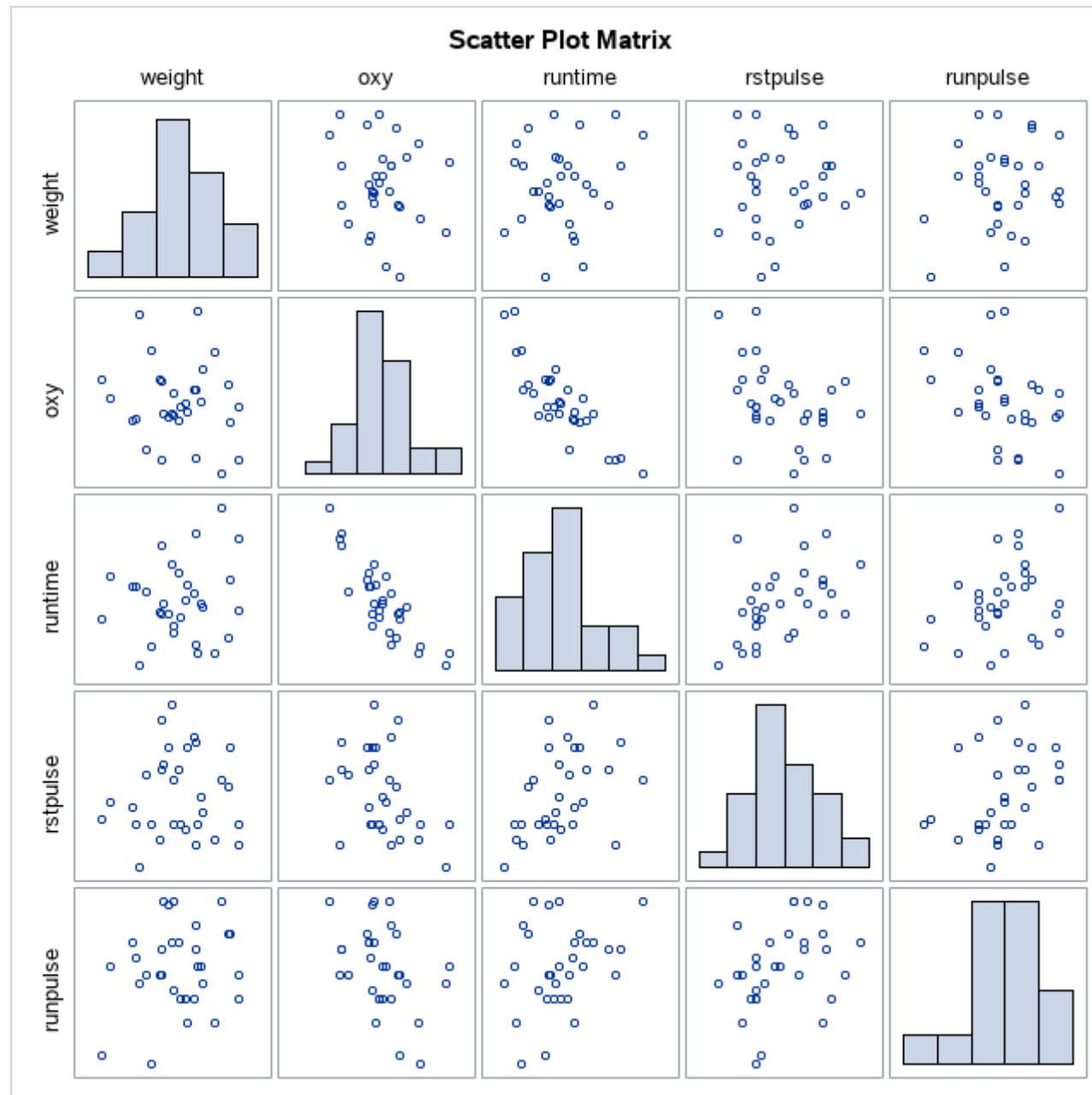
Person Correlation Test on Weight and other variables

The CORR Procedure

6 Variables: weight oxy runtime rstpulse runpulse maxpulse

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
weight	31	77.44452	8.32857	2401	59.08000	91.63000
oxy	31	47.37581	5.32723	1469	37.38800	60.05500
runtime	31	10.58613	1.38741	328.17000	8.17000	14.03000
rstpulse	31	53.45161	7.61944	1657	40.00000	70.00000
runpulse	31	169.64516	10.25199	5259	146.00000	186.00000
maxpulse	31	173.77419	9.16410	5387	155.00000	192.00000

Pearson Correlation Coefficients, N = 31 Prob > r under H0: Rho=0						
	weight	oxy	runtime	rstpulse	runpulse	maxpulse
weight	1.00000	-0.16275 0.3817	0.14351 0.4412	0.04397 0.8143	0.18152 0.3284	0.24938 0.1761
oxy	-0.16275 0.3817	1.00000	-0.86219 <.0001	-0.39936 0.0260	-0.39797 0.0266	-0.23674 0.1997
runtime	0.14351 0.4412	-0.86219 <.0001	1.00000	0.45038 0.0110	0.31365 0.0858	0.22610 0.2213
rstpulse	0.04397 0.8143	-0.39936 0.0260	0.45038 0.0110	1.00000	0.35246 0.0518	0.30512 0.0951
runpulse	0.18152 0.3284	-0.39797 0.0266	0.31365 0.0858	0.35246 0.0518	1.00000	0.92975 <.0001
maxpulse	0.24938 0.1761	-0.23674 0.1997	0.22610 0.2213	0.30512 0.0951	0.92975 <.0001	1.00000



Spearman Correlation Test on Weight and other variables

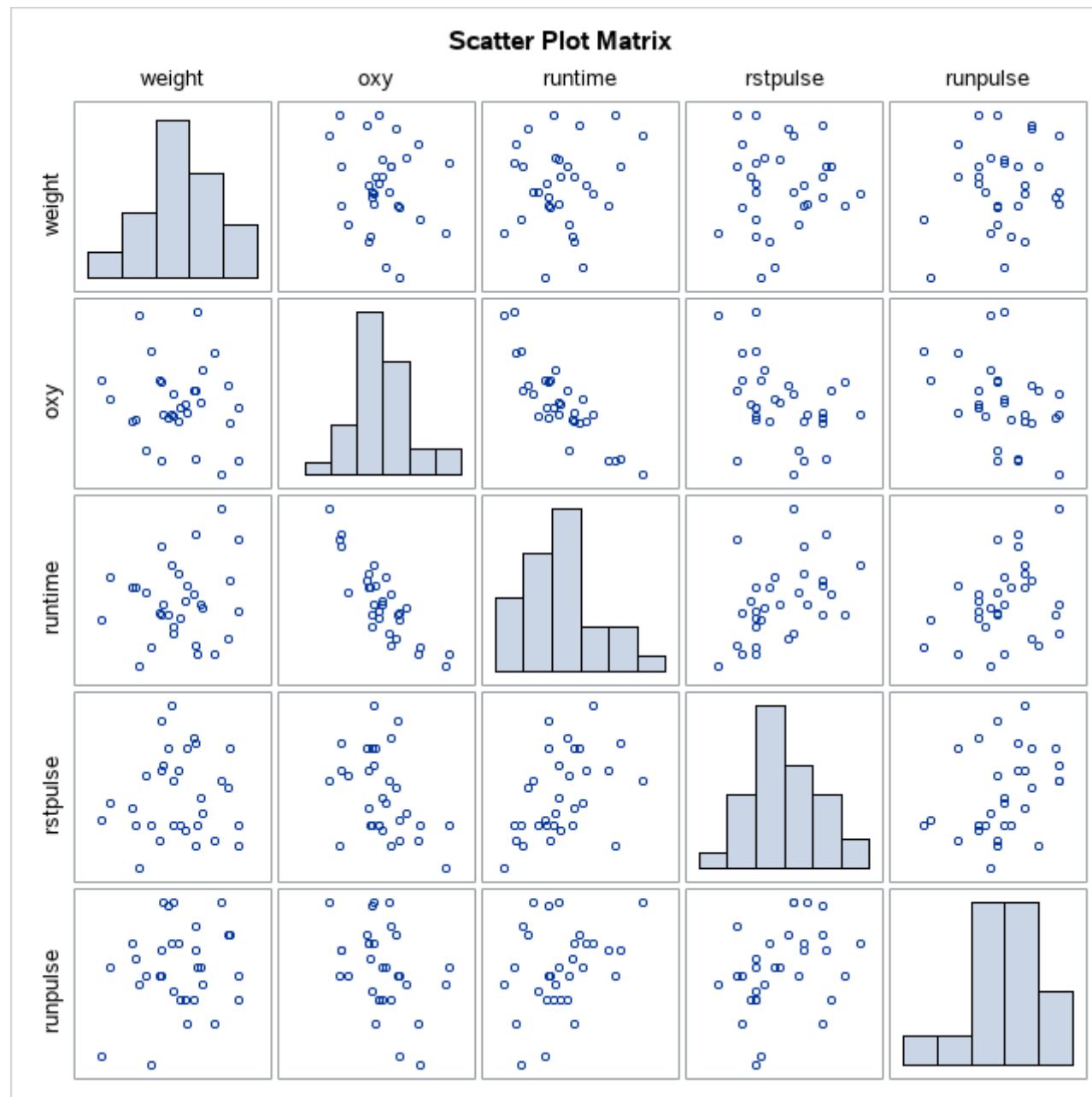
The CORR Procedure

6 Variables: weight oxy runtime rstpulse runpulse maxpulse

Simple Statistics						
Variable	N	Mean	Std Dev	Median	Minimum	Maximum
weight	31	77.44452	8.32857	77.45000	59.08000	91.63000
oxy	31	47.37581	5.32723	46.77400	37.38800	60.05500
runtime	31	10.58613	1.38741	10.47000	8.17000	14.03000
rstpulse	31	53.45161	7.61944	52.00000	40.00000	70.00000
runpulse	31	169.64516	10.25199	170.00000	146.00000	186.00000
maxpulse	31	173.77419	9.16410	172.00000	155.00000	192.00000

Pearson Correlation Coefficients, N = 31 Prob > r under H0: Rho=0						
	weight	oxy	runtime	rstpulse	runpulse	maxpulse
weight	1.00000	-0.16275 0.3817	0.14351 0.4412	0.04397 0.8143	0.18152 0.3284	0.24938 0.1761
oxy	-0.16275 0.3817	1.00000	-0.86219 <.0001	-0.39936 0.0260	-0.39797 0.0266	-0.23674 0.1997
runtime	0.14351 0.4412	-0.86219 <.0001	1.00000	0.45038 0.0110	0.31365 0.0858	0.22610 0.2213
rstpulse	0.04397 0.8143	-0.39936 0.0260	0.45038 0.0110	1.00000	0.35246 0.0518	0.30512 0.0951
runpulse	0.18152 0.3284	-0.39797 0.0266	0.31365 0.0858	0.35246 0.0518	1.00000	0.92975 <.0001
maxpulse	0.24938 0.1761	-0.23674 0.1997	0.22610 0.2213	0.30512 0.0951	0.92975 <.0001	1.00000

Spearman Correlation Coefficients, N = 31 Prob > r under H0: Rho=0						
	weight	oxy	runtime	rstpulse	runpulse	maxpulse
weight	1.00000	-0.09318 0.6181	0.07483 0.6891	-0.02958 0.8745	0.07541 0.6868	0.14260 0.4441
oxy	-0.09318 0.6181	1.00000	-0.80806 <.0001	-0.38028 0.0348	-0.43748 0.0138	-0.32239 0.0769
runtime	0.07483 0.6891	-0.80806 <.0001	1.00000	0.48618 0.0056	0.28390 0.1217	0.20580 0.2667
rstpulse	-0.02958 0.8745	-0.38028 0.0348	0.48618 0.0056	1.00000	0.36765 0.0419	0.32634 0.0732
runpulse	0.07541 0.6868	-0.43748 0.0138	0.28390 0.1217	0.36765 0.0419	1.00000	0.93152 <.0001
maxpulse	0.14260 0.4441	-0.32239 0.0769	0.20580 0.2667	0.32634 0.0732	0.93152 <.0001	1.00000



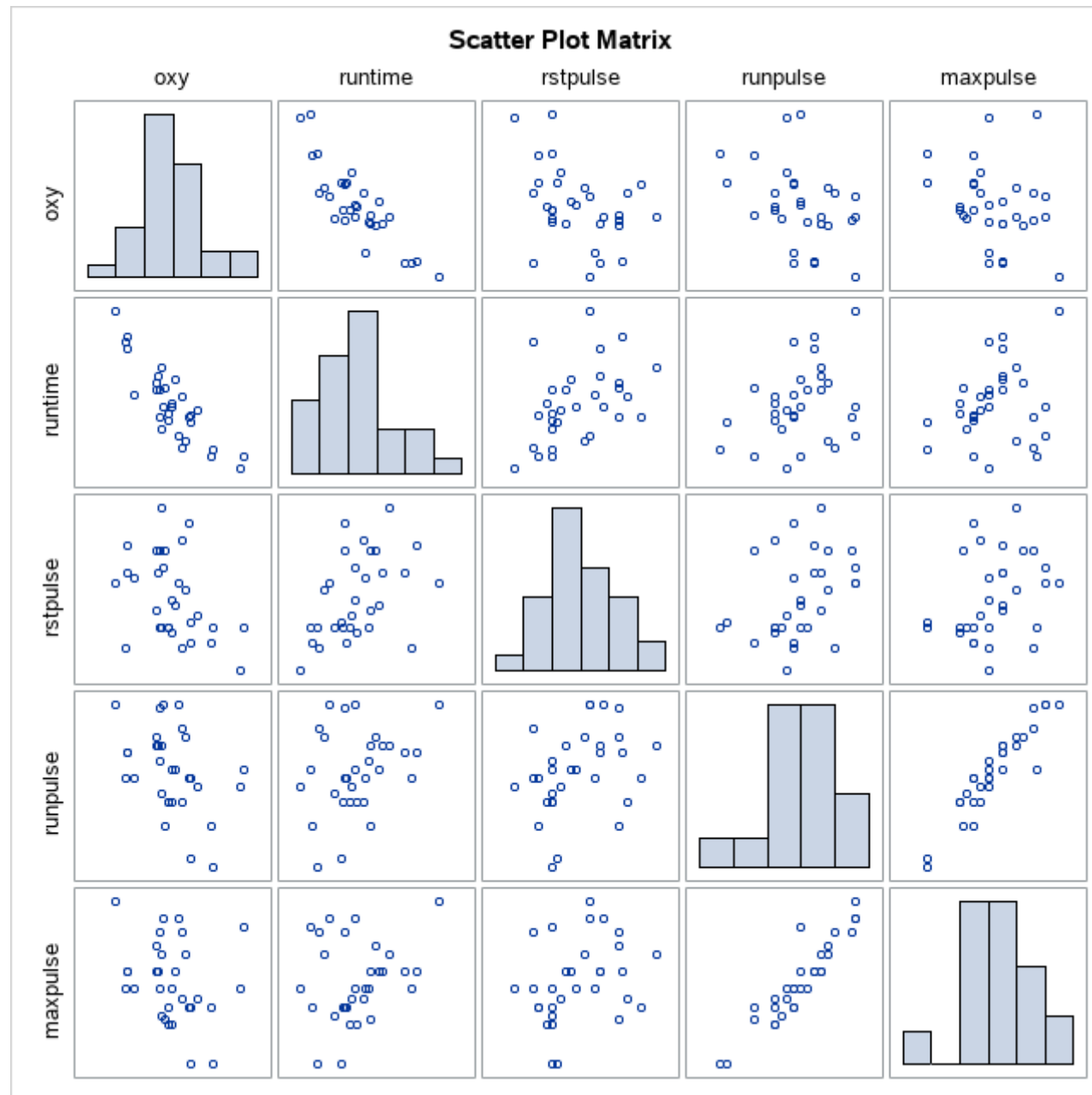
Person Correlation Test on Oxy and other variables

The CORR Procedure

5 Variables: oxy runtime rstpulse runpulse maxpulse

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
oxy	31	47.37581	5.32723	1469	37.38800	60.05500
runtime	31	10.58613	1.38741	328.17000	8.17000	14.03000
rstpulse	31	53.45161	7.61944	1657	40.00000	70.00000
runpulse	31	169.64516	10.25199	5259	146.00000	186.00000
maxpulse	31	173.77419	9.16410	5387	155.00000	192.00000

Pearson Correlation Coefficients, N = 31 Prob > r under H0: Rho=0					
	oxy	runtime	rstpulse	runpulse	maxpulse
oxy	1.00000	-0.86219 <.0001	-0.39936 0.0260	-0.39797 0.0266	-0.23674 0.1997
runtime	-0.86219 <.0001	1.00000	0.45038 0.0110	0.31365 0.0858	0.22610 0.2213
rstpulse	-0.39936 0.0260	0.45038 0.0110	1.00000	0.35246 0.0518	0.30512 0.0951
runpulse	-0.39797 0.0266	0.31365 0.0858	0.35246 0.0518	1.00000	0.92975 <.0001
maxpulse	-0.23674 0.1997	0.22610 0.2213	0.30512 0.0951	0.92975 <.0001	1.00000



Spearman Correlation Test on Oxy and other variables

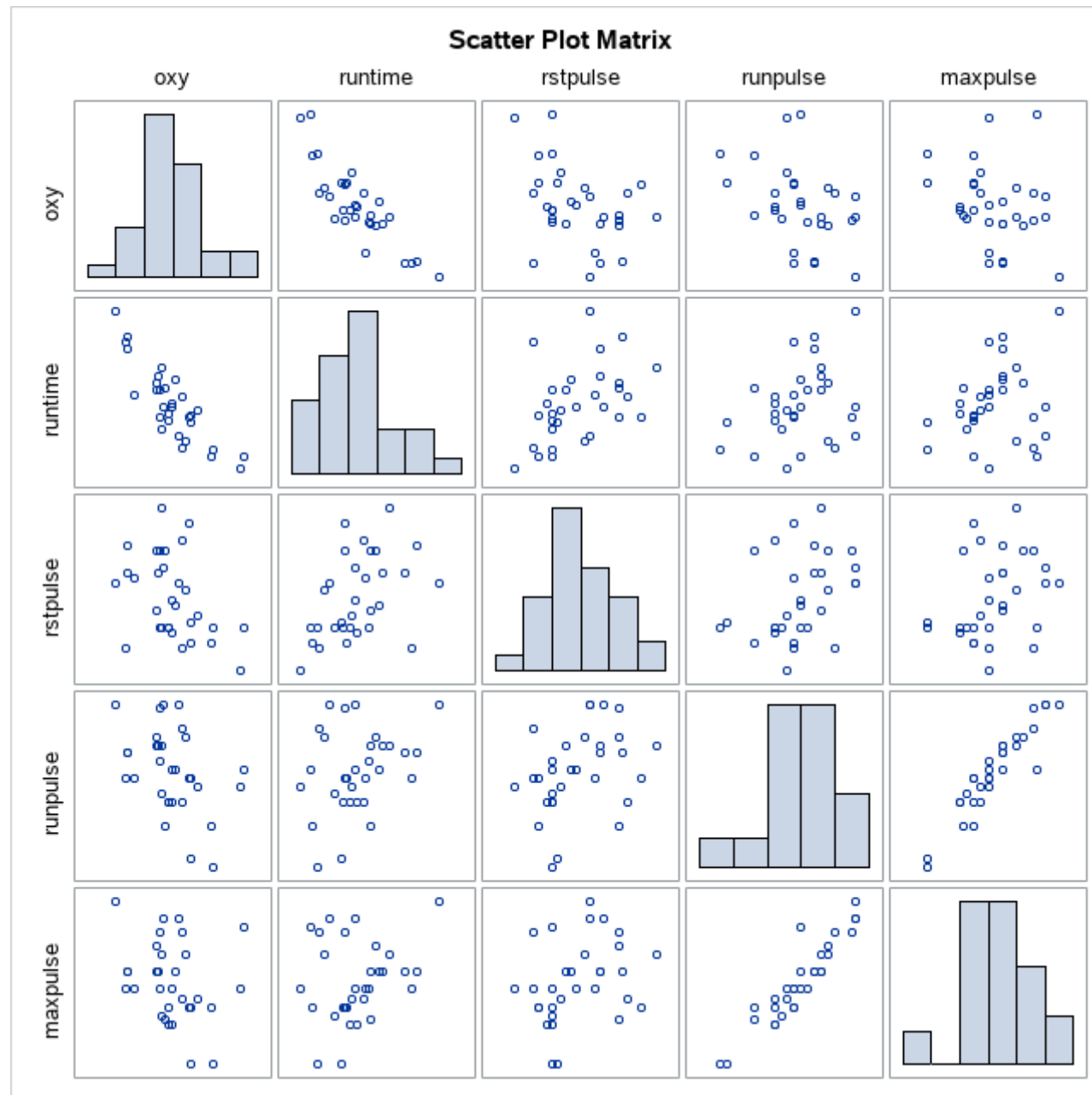
The CORR Procedure

5 Variables: oxy runtime rstpulse runpulse maxpulse

Simple Statistics						
Variable	N	Mean	Std Dev	Median	Minimum	Maximum
oxy	31	47.37581	5.32723	46.77400	37.38800	60.05500
runtime	31	10.58613	1.38741	10.47000	8.17000	14.03000
rstpulse	31	53.45161	7.61944	52.00000	40.00000	70.00000
runpulse	31	169.64516	10.25199	170.00000	146.00000	186.00000
maxpulse	31	173.77419	9.16410	172.00000	155.00000	192.00000

Pearson Correlation Coefficients, N = 31 Prob > r under H0: Rho=0					
	oxy	runtime	rstpulse	runpulse	maxpulse
oxy	1.00000	-0.86219 <.0001	-0.39936 0.0260	-0.39797 0.0266	-0.23674 0.1997
runtime	-0.86219 <.0001	1.00000	0.45038 0.0110	0.31365 0.0858	0.22610 0.2213
rstpulse	-0.39936 0.0260	0.45038 0.0110	1.00000	0.35246 0.0518	0.30512 0.0951
runpulse	-0.39797 0.0266	0.31365 0.0858	0.35246 0.0518	1.00000	0.92975 <.0001
maxpulse	-0.23674 0.1997	0.22610 0.2213	0.30512 0.0951	0.92975 <.0001	1.00000

Spearman Correlation Coefficients, N = 31 Prob > r under H0: Rho=0					
	oxy	runtime	rstpulse	runpulse	maxpulse
oxy	1.00000	-0.80806 <.0001	-0.38028 0.0348	-0.43748 0.0138	-0.32239 0.0769
runtime	-0.80806 <.0001	1.00000	0.48618 0.0056	0.28390 0.1217	0.20580 0.2667
rstpulse	-0.38028 0.0348	0.48618 0.0056	1.00000	0.36765 0.0419	0.32634 0.0732
runpulse	-0.43748 0.0138	0.28390 0.1217	0.36765 0.0419	1.00000	0.93152 <.0001
maxpulse	-0.32239 0.0769	0.20580 0.2667	0.32634 0.0732	0.93152 <.0001	1.00000



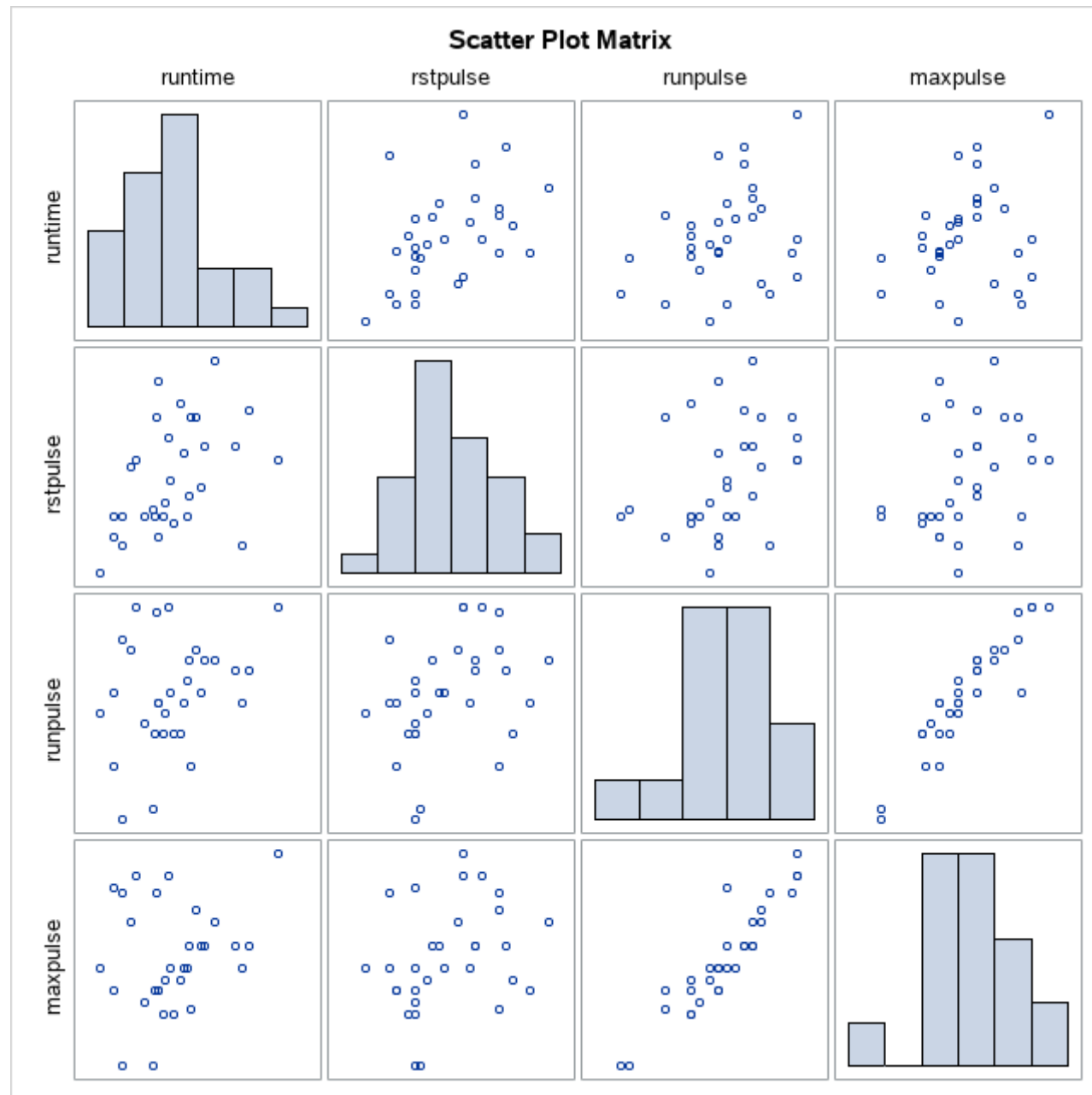
Person Correlation Test on Runtime and other variables

The CORR Procedure

4 Variables: runtime rstpulse runpulse maxpulse

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
runtime	31	10.58613	1.38741	328.17000	8.17000	14.03000
rstpulse	31	53.45161	7.61944	1657	40.00000	70.00000
runpulse	31	169.64516	10.25199	5259	146.00000	186.00000
maxpulse	31	173.77419	9.16410	5387	155.00000	192.00000

Pearson Correlation Coefficients, N = 31 Prob > r under H0: Rho=0				
	runtime	rstpulse	runpulse	maxpulse
runtime	1.00000	0.45038 0.0110	0.31365 0.0858	0.22610 0.2213
rstpulse	0.45038 0.0110	1.00000	0.35246 0.0518	0.30512 0.0951
runpulse	0.31365 0.0858	0.35246 0.0518	1.00000	0.92975 <.0001
maxpulse	0.22610 0.2213	0.30512 0.0951	0.92975 <.0001	1.00000



Spearman Correlation Test on Runtime and other variables

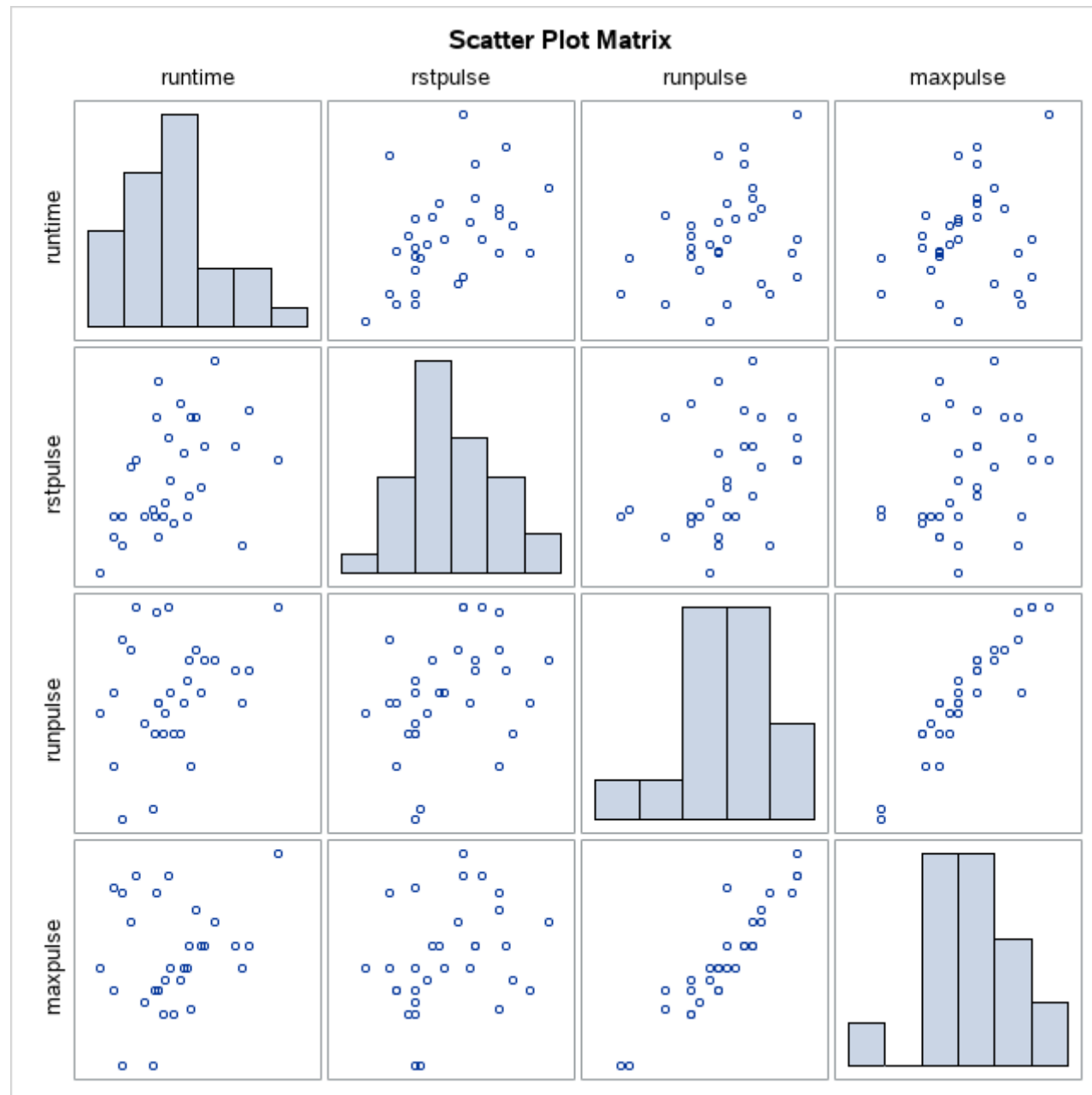
The CORR Procedure

4 Variables: runtime rstpulse runpulse maxpulse

Simple Statistics						
Variable	N	Mean	Std Dev	Median	Minimum	Maximum
runtime	31	10.58613	1.38741	10.47000	8.17000	14.03000
rstpulse	31	53.45161	7.61944	52.00000	40.00000	70.00000
runpulse	31	169.64516	10.25199	170.00000	146.00000	186.00000
maxpulse	31	173.77419	9.16410	172.00000	155.00000	192.00000

Pearson Correlation Coefficients, N = 31 Prob > r under H0: Rho=0				
	runtime	rstpulse	runpulse	maxpulse
runtime	1.00000	0.45038 0.0110	0.31365 0.0858	0.22610 0.2213
rstpulse	0.45038 0.0110	1.00000	0.35246 0.0518	0.30512 0.0951
runpulse	0.31365 0.0858	0.35246 0.0518	1.00000	0.92975 <.0001
maxpulse	0.22610 0.2213	0.30512 0.0951	0.92975 <.0001	1.00000

Spearman Correlation Coefficients, N = 31 Prob > r under H0: Rho=0				
	runtime	rstpulse	runpulse	maxpulse
runtime	1.00000	0.48618 0.0056	0.28390 0.1217	0.20580 0.2667
rstpulse	0.48618 0.0056	1.00000	0.36765 0.0419	0.32634 0.0732
runpulse	0.28390 0.1217	0.36765 0.0419	1.00000	0.93152 <.0001
maxpulse	0.20580 0.2667	0.32634 0.0732	0.93152 <.0001	1.00000



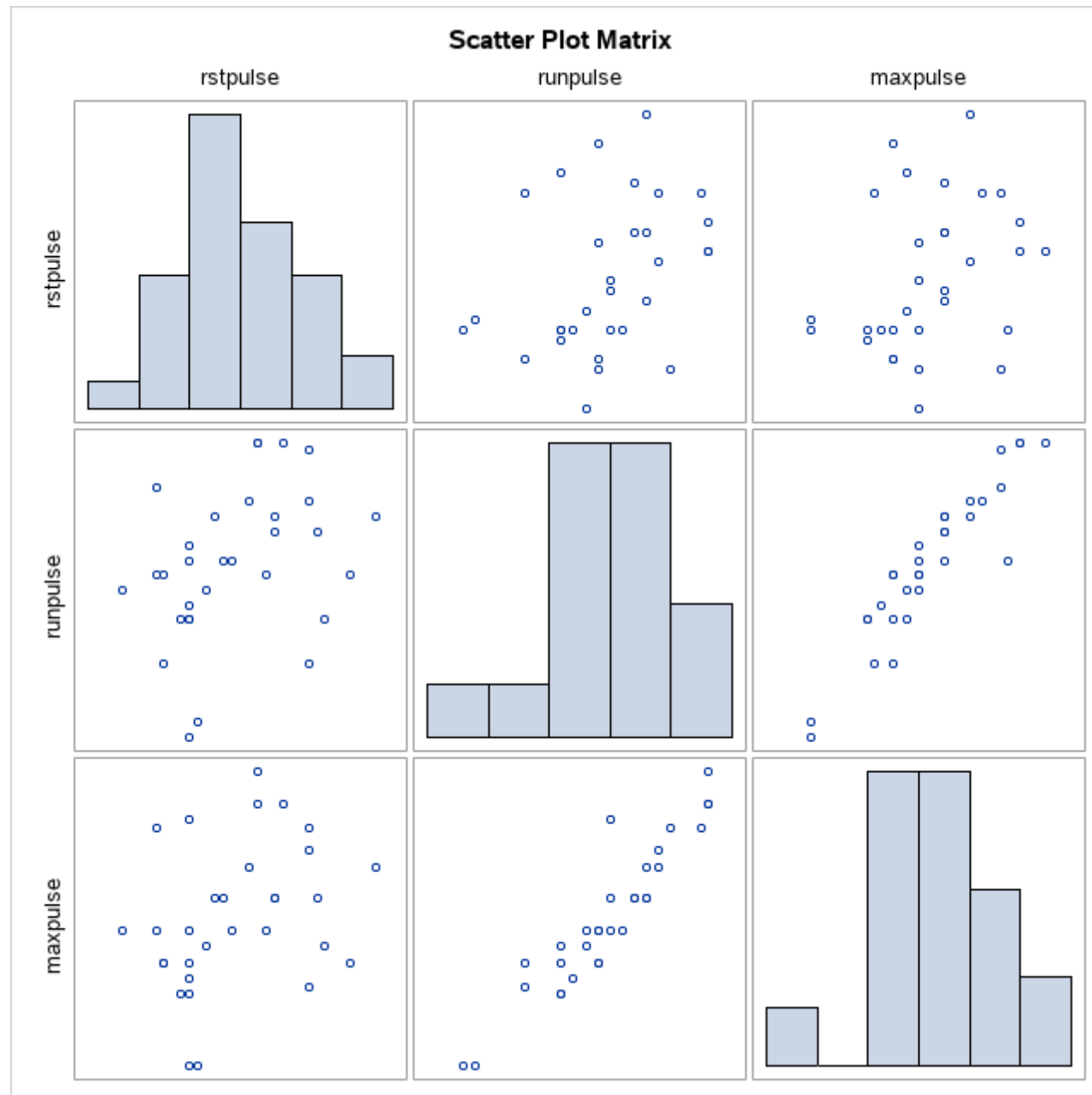
Person Correlation Test on Rstpulse and other variables

The CORR Procedure

3 Variables: rstpulse runpulse maxpulse

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
rstpulse	31	53.45161	7.61944	1657	40.00000	70.00000
runpulse	31	169.64516	10.25199	5259	146.00000	186.00000
maxpulse	31	173.77419	9.16410	5387	155.00000	192.00000

Pearson Correlation Coefficients, N = 31 Prob > r under H0: Rho=0			
	rstpulse	runpulse	maxpulse
rstpulse	1.00000	0.35246 0.0518	0.30512 0.0951
runpulse	0.35246 0.0518	1.00000	0.92975 <.0001
maxpulse	0.30512 0.0951	0.92975 <.0001	1.00000



Spearman Correlation Test on Rstpulse and other variables

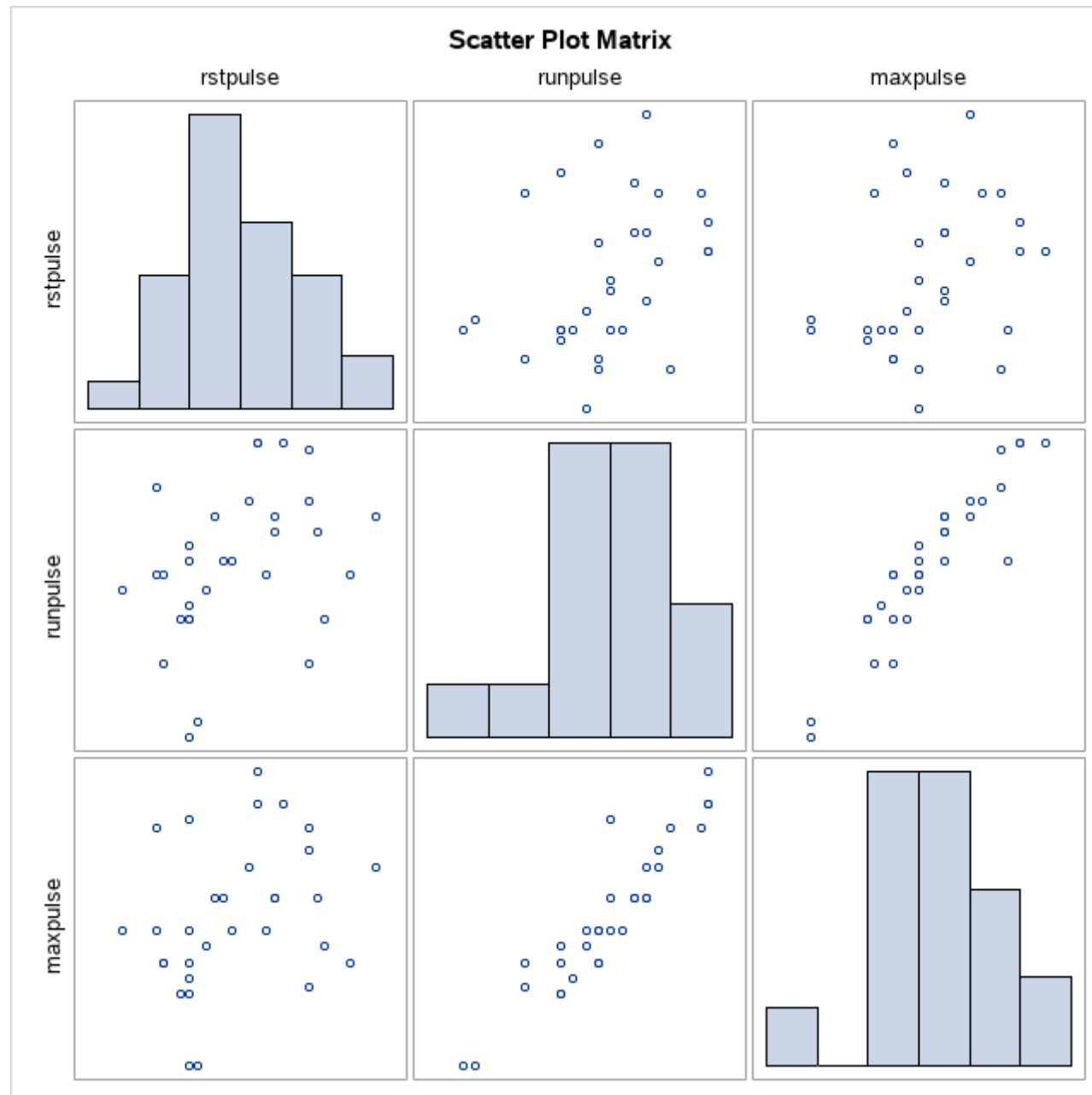
The CORR Procedure

3 Variables: rstpulse runpulse maxpulse

Simple Statistics						
Variable	N	Mean	Std Dev	Median	Minimum	Maximum
rstpulse	31	53.45161	7.61944	52.00000	40.00000	70.00000
runpulse	31	169.64516	10.25199	170.00000	146.00000	186.00000
maxpulse	31	173.77419	9.16410	172.00000	155.00000	192.00000

Pearson Correlation Coefficients, N = 31 Prob > r under H0: Rho=0			
	rstpulse	runpulse	maxpulse
rstpulse	1.00000	0.35246 0.0518	0.30512 0.0951
runpulse	0.35246 0.0518	1.00000	0.92975 <.0001
maxpulse	0.30512 0.0951	0.92975 <.0001	1.00000

Spearman Correlation Coefficients, N = 31 Prob > r under H0: Rho=0			
	rstpulse	runpulse	maxpulse
rstpulse	1.00000	0.36765 0.0419	0.32634 0.0732
runpulse	0.36765 0.0419	1.00000	0.93152 <.0001
maxpulse	0.32634 0.0732	0.93152 <.0001	1.00000



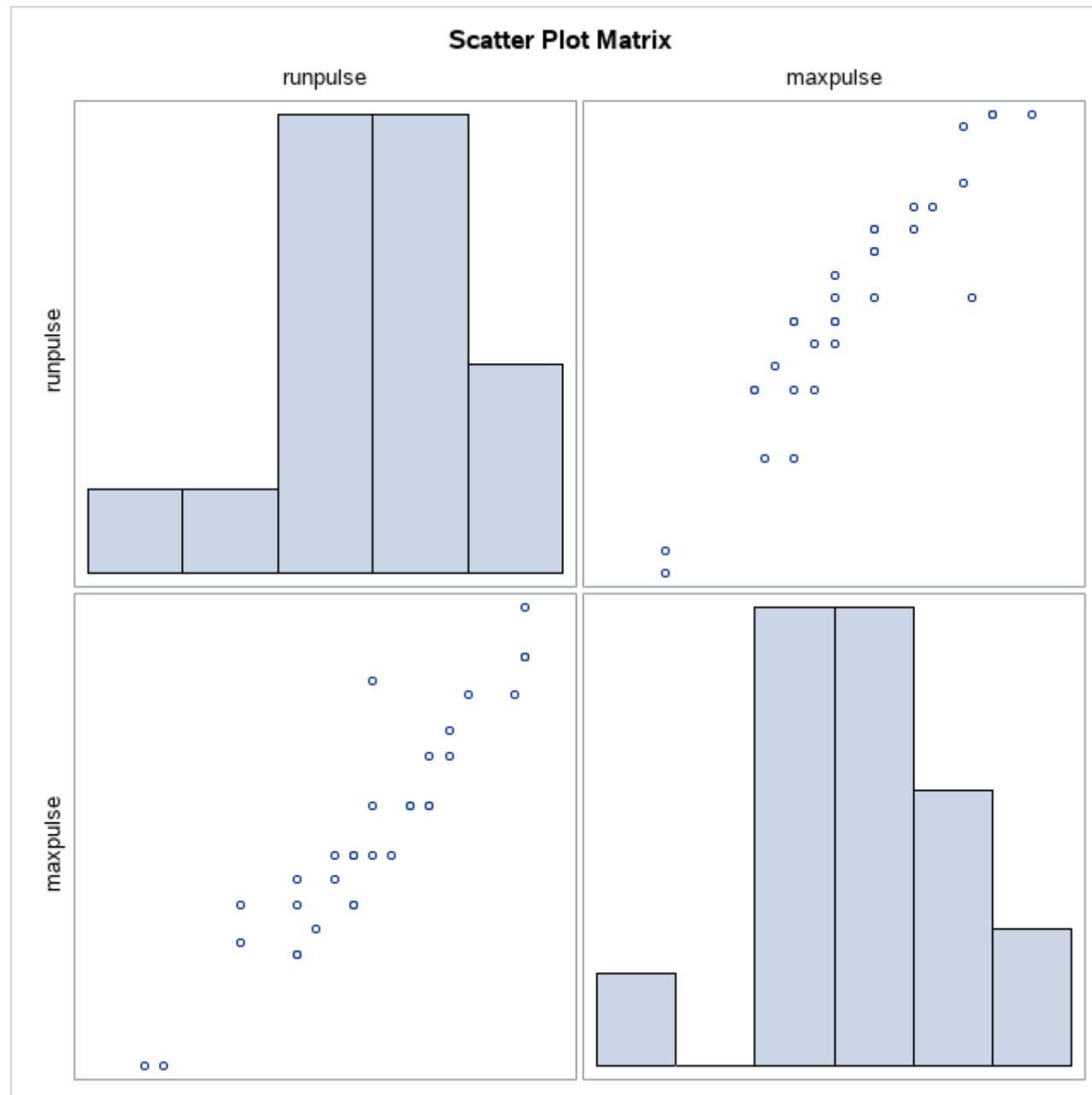
Person Correlation Test on Run pulse and other variables

The CORR Procedure

2 Variables: runpulse maxpulse

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
runpulse	31	169.64516	10.25199	5259	146.00000	186.00000
maxpulse	31	173.77419	9.16410	5387	155.00000	192.00000

Pearson Correlation Coefficients, N = 31 Prob > r under H0: Rho=0		
	runpulse	maxpulse
runpulse	1.00000	0.92975 <.0001
maxpulse	0.92975 <.0001	1.00000



Spearman Correlation Test on Run pulse and other variables

The CORR Procedure

2 Variables: runpulse maxpulse

Simple Statistics						
Variable	N	Mean	Std Dev	Median	Minimum	Maximum
runpulse	31	169.64516	10.25199	170.00000	146.00000	186.00000
maxpulse	31	173.77419	9.16410	172.00000	155.00000	192.00000

Pearson Correlation Coefficients, N = 31 Prob > r under H0: Rho=0		
	runpulse	maxpulse
runpulse	1.00000	0.92975 <.0001
maxpulse	0.92975 <.0001	1.00000

Spearman Correlation Coefficients, N = 31 Prob > r under H0: Rho=0		
	runpulse	maxpulse
runpulse	1.00000	0.93152 <.0001
maxpulse	0.93152 <.0001	1.00000

Scatter Plot Matrix

