

The MEANS Procedure

Variable	Label	N	Mean	Median	Std Dev	Std Error	Coeff of Variation	Minimum	Maximum
SUBJECT	SUBJECT	108	1.0417	0.8750	0.7624	0.0734	73.1865	0.2500	3.0000
TREATMENT	TREATMENT	108	2.5000	2.5000	1.1232	0.1081	44.9299	1.0000	4.0000
COVER_AVERAGE	COVER AVERAGE	108	0.0640	0.0155	0.1056	0.0102	164.8883	0.0000	0.4790
TRIAL	TRIAL	108	5.0000	5.0000	2.5940	0.2496	51.8805	1.0000	9.0000

The CORR Procedure

3 Variables:	COVER_AVERAGE	TREATMENT	TRIAL
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Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
COVER_AVERAGE	108	0.06401	0.10555	6.91357	1E-7	0.47900	COVER AVERAGE
TREATMENT	108	2.50000	1.12325	270.00000	1.00000	4.00000	TREATMENT
TRIAL	108	5.00000	2.59403	540.00000	1.00000	9.00000	TRIAL

Pearson Correlation Coefficients, N = 108 Prob > r under H0: Rho=0			
	COVER_AVERAGE	TREATMENT	TRIAL
COVER_AVERAGE COVER AVERAGE	1.00000	-0.33909 0.0003	0.04221 0.6645
TREATMENT TREATMENT	-0.33909 0.0003	1.00000	0.00000 1.0000
TRIAL TRIAL	0.04221 0.6645	0.00000 1.0000	1.00000

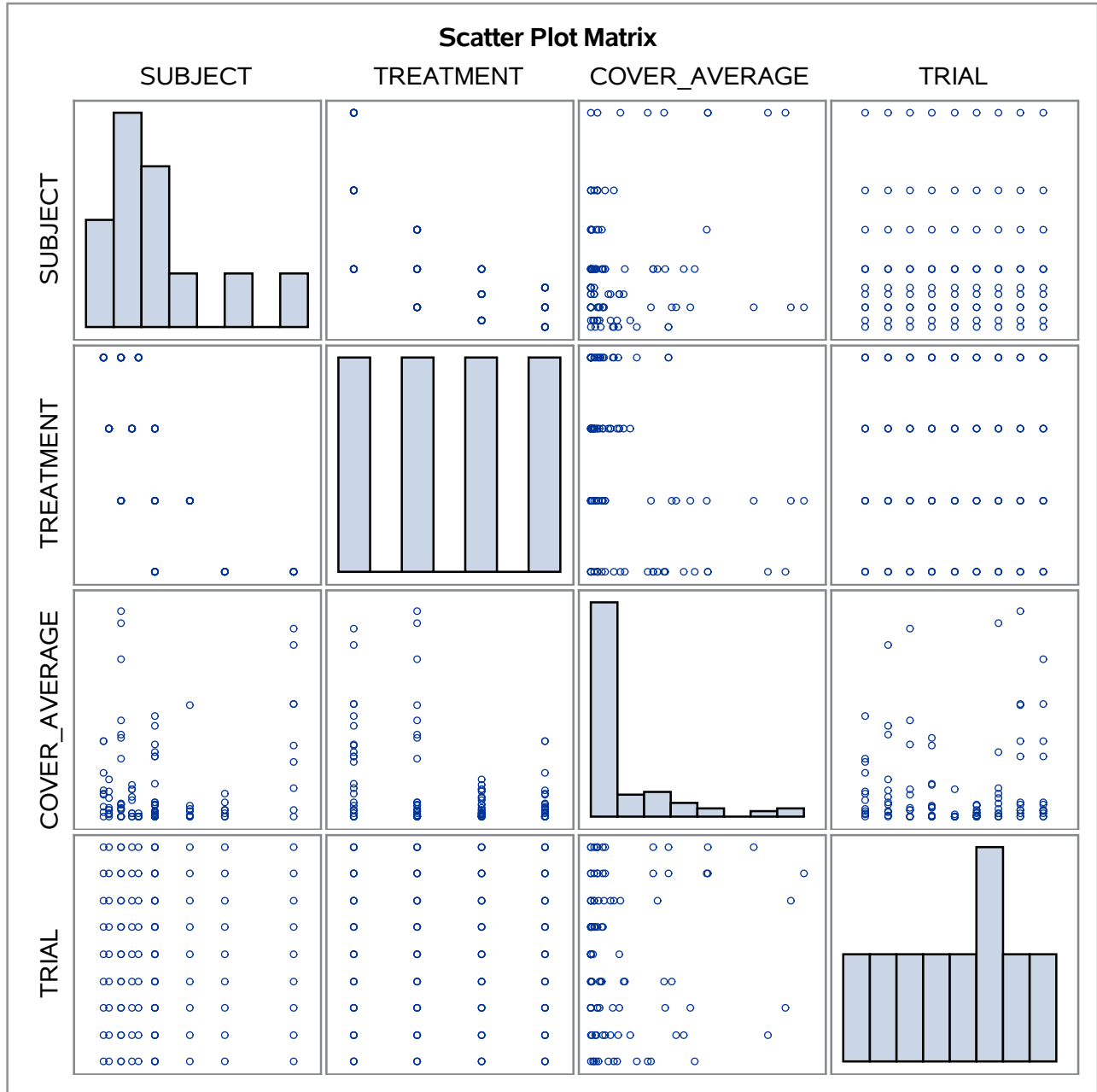
The CORR Procedure

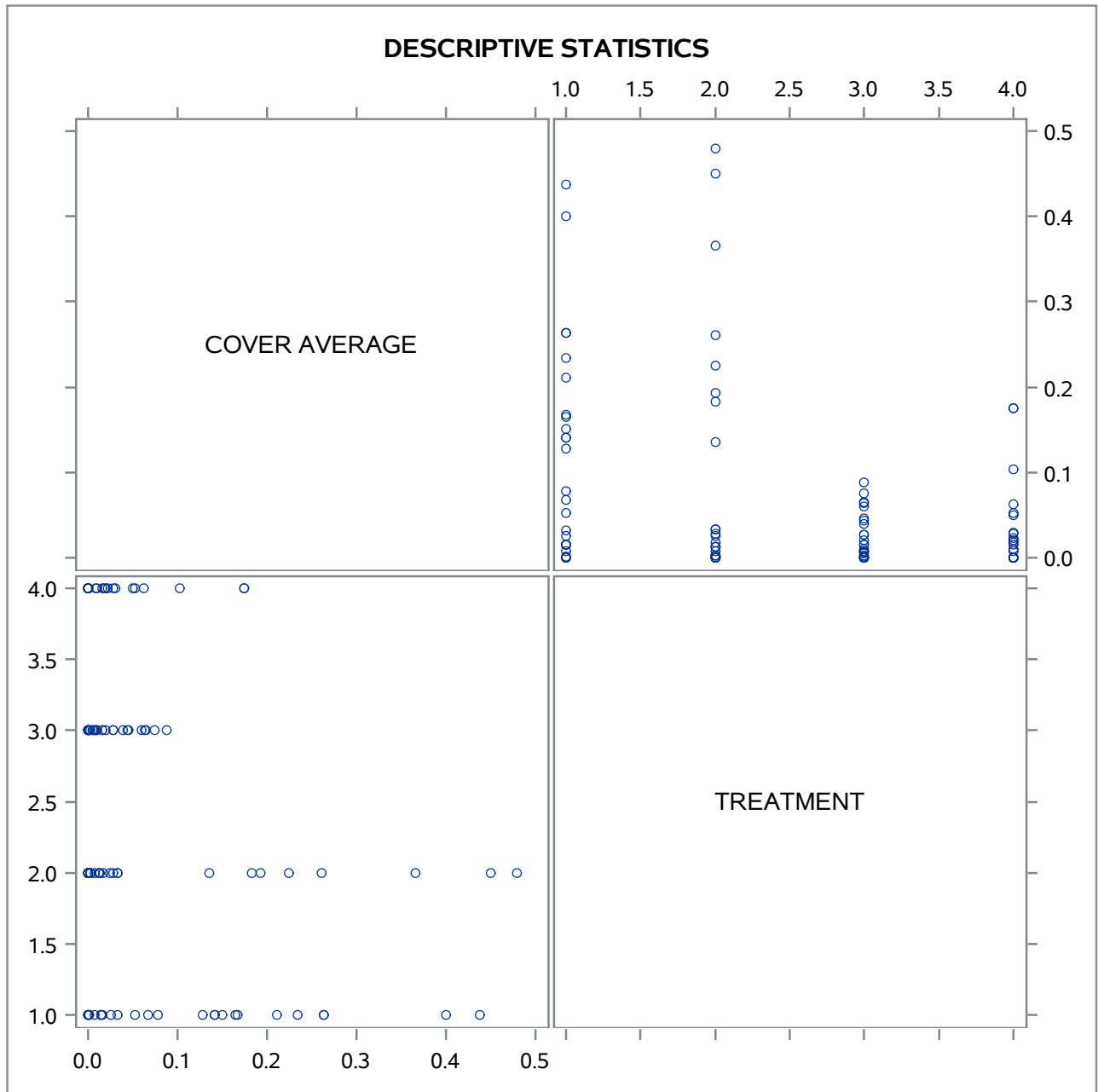
4 Variables:	SUBJECT	TREATMENT	COVER_AVERAGE	TRIAL
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Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
SUBJECT	108	1.04167	0.76236	112.50000	0.25000	3.00000	SUBJECT
TREATMENT	108	2.50000	1.12325	270.00000	1.00000	4.00000	TREATMENT
COVER_AVERAGE	108	0.06401	0.10555	6.91357	1E-7	0.47900	COVER AVERAGE
TRIAL	108	5.00000	2.59403	540.00000	1.00000	9.00000	TRIAL

Pearson Correlation Coefficients, N = 108 Prob > r under H0: Rho=0				
	SUBJECT	TREATMENT	COVER_AVERAGE	TRIAL
SUBJECT SUBJECT	1.00000	-0.71213 <.0001	0.19052 0.0483	0.00000 1.0000
TREATMENT TREATMENT	-0.71213 <.0001	1.00000	-0.33909 0.0003	0.00000 1.0000
COVER_AVERAGE COVER AVERAGE	0.19052 0.0483	-0.33909 0.0003	1.00000	0.04221 0.6645
TRIAL TRIAL	0.00000 1.0000	0.00000 1.0000	0.04221 0.6645	1.00000

The CORR Procedure





The Mixed Procedure

Model Information	
Data Set	WORK.IMPORT1
Dependent Variable	COVER_AVERAGE
Covariance Structure	Compound Symmetry
Subject Effect	SUBJECT
Estimation Method	REML
Residual Variance Method	Profile
Fixed Effects SE Method	Model-Based
Degrees of Freedom Method	Between-Within

Class Level Information		
Class	Levels	Values
SUBJECT	9	1 2 3 0.5 1.5 0.25 0.75 0.3333333333 0.6666666667
TREATMENT	4	1 2 3 4
TRIAL	9	1 2 3 4 5 6 7 8 9

Dimensions	
Covariance Parameters	2
Columns in X	50
Columns in Z	0
Subjects	9
Max Obs per Subject	27

Number of Observations	
Number of Observations Read	108
Number of Observations Used	108
Number of Observations Not Used	0

Iteration History			
Iteration	Evaluations	-2 Res Log Like	Criterion
0	1	-87.61907373	
1	2	-117.05041903	0.01214070
2	1	-119.01023513	0.00543019
3	1	-119.86503278	0.00159199
4	1	-120.10306125	0.00020585
5	1	-120.13137250	0.00000470
6	1	-120.13197468	0.00000000

The Mixed Procedure

Convergence criteria met.

Covariance Parameter Estimates		
Cov Parm	Subject	Estimate
CS	SUBJECT	0.01177
Residual		0.004598

Fit Statistics	
-2 Res Log Likelihood	-120.1
AIC (Smaller is Better)	-116.1
AICC (Smaller is Better)	-116.0
BIC (Smaller is Better)	-115.7

Null Model Likelihood Ratio Test		
DF	Chi-Square	Pr > ChiSq
1	32.51	<.0001

Type 3 Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
TREATMENT	3	0	19.13	.
TRIAL	8	64	3.74	0.0012
TREATMENT*TRIAL	24	0	1.56	.