

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST
1	0	1	39	0	0	2	16	11	1	3	175	39	3
2	0	1	39	0	0	2	20	12	1	3	135	39	2
3	1	1	39	0	1	1	21	11	0	3	125	40	1
4	0	1	39	1	0	1	23	13	0	5	118	39	1
5	0	2	38	0	1	2	20	15	0	2	183	38	1
6	1	2	38	0	1	1	23	13	0	2	192	37	1
7	1	2	38	0	0	2	19	11	0	5	218	38	1
8	0	3	38	1	0	1	22	15	2	2	125	38	1
9	0	3	38	0	0	2	20	14	0	2	123	38	1
10	1	3	38	0	1	1	19	13	3	2	140	37	1
11	1	3	38	0	1	1	18	13	0	2	160	38	1
12	0	4	38	0	2	1	26	13	1	1	130	38	2
13	0	4	38	0	1	1	25	16	0	2	130	38	1
14	1	4	38	1	1	1	24	14	2	3	150	38	5
15	1	4	38	0	1	2	23	14	0	4	140	38	1
16	1	5	38	1	1	1	21	17	0	2	150	38	2
17	0	5	38	0	1	2	20	12	1	2	148	38	1
18	1	5	38	0	1	1	16	14	0	6	138	38	4
19	1	6	38	0	4	1	25	8	0	1	180	38	2
20	0	6	38	0	1	2	19	12	0	2	145	35	2
21	0	6	38	1	1	1	24	12	1	3	116	39	1
22	1	6	38	0	2	2	21	10	4	3	195	35	1
23	0	7	37	0	2	1	20	11	2	2	135	37	2
24	1	7	37	0	1	2	22	13	2	2	120	38	1
25	0	7	37	0	0	1	18	10	2	3	155	37	1
26	1	8	36	0	0	1	20	12	1	2	191	36	1
27	0	8	36	0	1	2	23	12	0	2	119	37	1
28	0	8	36	0	0	2	17	10	1	3	185	37	1
29	1	9	35	0	2	2	24	11	0	2	155	35	1
30	0	9	35	1	1	1	23	14	0	3	129	36	1
31	0	9	35	0	1	2	21	11	0	3	170	34	2
32	0	9	36	0	1	1	22	14	0	4	110	36	1
33	1	10	36	0	1	1	33	16	0	1	150	36	1
34	1	10	35	1	1	2	21	12	0	2	105	29	1
35	1	10	36	0	3	1	26	13	1	2	115	36	1
36	0	10	36	0	1	2	22	12	2	3	120	36	1
37	1	11	35	0	0	2	18	13	2	2	110	35	2
38	0	11	35	0	1	1	21	12	0	2	145	36	1

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST
39	1	11	35	0	1	1	19	11	0	3	170	36	1
40	1	12	34	1	1	2	25	10	1	1	170	34	1
41	1	12	34	0	1	2	25	16	1	1	100	35	1
42	0	12	34	0	1	1	20	11	0	3	240	34	1
43	1	12	35	0	4	1	27	13	0	4	140	35	1
44	0	13	33	0	1	2	21	11	0	1	160	33	1
45	0	13	32	0	1	2	24	12	0	2	155	32	1
46	1	13	33	0	2	1	25	12	1	2	132	33	1
47	0	14	33	0	4	1	21	13	0	1	110	33	1
48	0	14	33	0	1	1	21	12	0	2	145	29	5
49	0	14	33	0	1	2	20	13	1	2	155	29	3
50	1	14	33	1	4	1	28	14	0	5	110	33	1
51	0	15	32	1	1	1	30	13	0	1	129	32	1
52	1	15	32	0	1	1	25	11	0	2	131	32	1
53	0	15	32	0	1	2	20	9	1	2	218	26	3
54	0	15	32	0	1	1	23	16	0	2	115	32	1
55	1	16	31	1	3	1	30	14	1	0	110	30	1
56	0	16	31	0	1	2	23	11	0	2	97	31	1
57	1	16	30	0	0	1	21	14	0	3	130	30	1
58	1	16	31	0	1	2	24	13	0	3	120	31	1
59	1	17	68	1	2	1	22	12	0	3	130	50	2
60	1	17	68	0	0	1	34	14	0	3	150	53	4
61	1	17	68	0	1	2	19	12	0	7	145	46	4
62	0	18	64	0	1	1	25	10	0	2	127	50	4
63	0	18	64	1	1	2	30	14	1	3	135	53	1
64	0	18	64	0	1	1	26	11	0	5	205	42	4
65	0	19	63	0	1	2	24	11	0	3	144	50	1
66	0	19	63	1	0	1	21	15	0	5	120	52	1
67	0	20	62	0	1	1	26	15	0	2	170	39	1
68	1	20	62	0	3	2	32	12	0	2	134	53	4
69	0	20	62	0	0	1	22	12	1	3	155	39	4
70	1	21	61	0	1	2	26	13	0	1	140	50	1
71	1	21	61	0	3	1	27	14	0	2	134	45	1
72	1	21	61	1	0	1	28	14	0	3	125	53	1
73	1	21	61	0	0	2	28	15	1	3	120	41	1
74	1	22	62	0	0	2	30	11	0	1	117	36	2
75	1	22	61	0	1	2	26	13	1	3	124	52	1
76	1	22	61	1	0	1	22	16	0	4	150	56	1

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST
77	1	22	62	0	2	2	25	15	1	4	147	52	1
78	0	23	62	0	4	1	33	11	0	1	170	54	2
79	1	23	61	1	1	1	26	17	0	2	129	34	1
80	0	23	61	0	1	1	29	13	1	2	130	55	4
81	1	23	61	0	0	2	25	13	0	3	153	50	1
82	1	24	61	0	1	1	22	17	0	2	155	55	1
83	1	24	61	1	0	2	21	15	0	3	145	53	1
84	1	24	61	0	0	1	23	15	1	3	116	43	1
85	1	24	61	0	0	1	18	13	0	5	140	56	4
86	1	25	60	1	1	1	28	17	0	2	115	51	1
87	0	25	60	0	1	2	25	11	0	2	175	42	1
88	0	25	60	0	0	2	24	13	0	2	179	50	1
89	0	25	60	0	2	1	33	15	0	3	119	47	1
90	0	26	58	0	1	1	24	10	1	0	140	25	2
91	1	26	58	0	1	2	25	16	0	3	185	55	1
92	0	26	58	1	1	1	20	12	1	5	153	53	1
93	0	27	55	1	2	1	30	16	1	2	126	44	1
94	1	27	55	0	1	2	30	13	0	2	193	50	4
95	1	27	55	0	0	1	24	14	0	6	116	47	1
96	0	28	55	0	1	1	16	12	2	3	175	47	1
97	0	28	55	1	1	1	24	14	0	4	140	52	1
98	1	28	55	0	0	1	26	15	2	4	155	50	3
99	1	29	52	0	2	1	28	12	0	2	113	45	1
100	0	29	52	0	1	2	25	13	0	3	190	48	1
101	1	29	52	0	0	2	20	14	2	6	110	40	4
102	1	30	52	0	0	2	23	11	1	2	159	42	1
103	0	30	52	1	1	1	23	14	0	3	114	50	1
104	0	30	52	0	2	2	21	12	0	3	126	43	1
105	0	30	52	0	1	1	20	11	0	5	170	42	1
106	1	31	51	0	2	1	22	13	0	2	150	45	1
107	0	31	51	0	3	2	24	12	3	4	161	50	1
108	0	31	51	1	0	2	24	16	0	5	156	52	1
109	1	31	51	0	2	1	24	13	0	5	115	51	1
110	0	32	49	0	1	2	25	12	0	2	235	44	1
111	1	32	49	0	1	2	24	13	0	3	145	44	1
112	1	32	49	0	2	1	25	13	0	3	123	49	1
113	0	33	48	0	1	2	19	11	7	0	190	29	1
114	1	33	48	0	1	2	22	11	0	1	155	48	1

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST
115	0	33	48	1	4	1	22	11	0	3	145	48	1
116	1	34	47	0	1	1	24	14	0	2	148	45	1
117	0	34	47	0	0	1	22	13	0	3	120	45	1
118	1	34	47	1	4	1	26	14	0	4	120	47	1
119	0	34	47	0	1	2	20	12	0	5	110	47	1
120	1	35	47	1	1	1	19	12	0	1	132	47	2
121	0	35	47	0	0	1	23	13	0	2	125	47	1
122	0	35	47	0	0	2	23	15	1	3	115	29	1
123	0	35	47	0	3	1	21	12	1	5	120	39	2
124	0	36	46	0	0	1	15	13	0	1	179	40	1
125	1	36	46	0	1	2	19	11	0	3	170	45	1
126	1	36	46	0	2	1	26	13	0	7	180	46	1
127	1	36	46	1	0	2	27	15	1	11	155	46	4
128	1	37	46	0	0	1	17	13	0	3	189	39	1
129	1	37	46	1	1	1	27	12	4	4	137	46	1
130	1	37	46	0	1	2	23	12	0	4	107	46	1
131	0	37	46	0	1	1	22	11	0	6	144	46	2
132	1	38	45	0	1	1	25	13	1	1	142	38	1
133	1	38	45	0	0	2	20	11	1	1	150	45	1
134	0	38	45	1	1	1	33	14	0	2	80	45	1
135	1	38	45	0	1	1	22	11	0	3	154	46	1
136	0	39	45	0	1	1	20	12	0	1	102	28	1
137	1	39	45	0	1	2	23	11	0	2	150	45	1
138	0	39	45	0	4	1	30	12	0	3	110	45	1
139	1	40	45	0	1	2	22	17	1	2	109	40	1
140	1	40	45	0	1	2	30	13	0	2	210	40	1
141	0	40	45	1	1	1	18	15	4	4	101	45	1
142	0	40	45	0	1	1	22	10	0	5	198	33	1
143	0	41	45	0	1	2	23	12	3	3	133	45	1
144	1	41	45	0	3	1	23	13	0	3	120	46	1
145	0	41	45	1	4	1	25	16	1	4	124	45	1
146	0	41	45	0	1	2	23	12	0	4	165	35	1
147	0	42	44	0	1	1	27	14	0	1	125	44	1
148	0	42	44	1	3	1	25	12	0	3	130	44	1
149	0	42	44	0	4	1	27	13	1	3	240	45	1
150	1	43	44	1	1	1	24	15	0	1	130	44	1
151	1	43	44	0	1	2	22	15	0	1	105	44	4
152	1	43	44	0	1	1	23	12	0	5	123	33	1

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST
153	0	43	44	0	1	2	18	17	1	7	180	44	1
154	1	44	43	0	3	1	31	12	0	1	104	43	1
155	0	44	43	1	3	1	27	15	0	2	130	43	4
156	1	44	43	0	1	1	14	12	1	2	158	21	1
157	1	44	43	0	1	1	20	14	0	6	160	39	1
158	0	45	27	0	0	2	22	12	0	1	127	27	1
159	1	45	28	0	1	2	20	11	0	2	145	27	1
160	0	45	28	0	1	1	23	16	0	2	127	29	1
161	0	46	53	0	0	1	26	11	0	1	130	49	4
162	1	46	53	0	1	1	28	11	0	3	140	49	1
163	0	46	53	1	3	1	29	12	0	4	132	50	1
164	1	47	56	0	1	2	25	12	2	2	125	47	1
165	0	47	56	0	1	2	27	11	0	4	265	42	1
166	1	47	56	0	3	1	26	13	0	4	195	50	1
167	1	47	56	1	1	1	21	17	1	6	130	47	1
168	1	48	41	1	1	1	25	16	1	3	105	27	3
169	1	48	41	0	1	1	20	13	1	4	161	31	4
170	1	48	41	0	3	1	22	12	0	4	185	41	2
171	0	48	41	0	1	2	21	14	0	5	135	36	2
172	1	49	41	1	0	1	40	15	0	1	115	41	1
173	0	49	41	0	0	1	21	16	0	3	140	41	1
174	0	49	41	0	1	2	26	14	2	3	195	41	1
175	0	49	40	0	1	1	21	12	0	4	145	40	1
176	0	50	41	1	1	1	34	13	1	2	138	42	1
177	0	50	41	0	1	2	30	12	1	2	129	41	1
178	0	50	41	0	1	2	21	12	0	2	180	41	1

**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

Moments			
<b>N</b>	178	<b>Sum Weights</b>	178
<b>Mean</b>	0.51685393	<b>Sum Observations</b>	92
<b>Std Deviation</b>	0.96389464	<b>Variance</b>	0.92909287
<b>Skewness</b>	3.01430218	<b>Kurtosis</b>	13.1370818
<b>Uncorrected SS</b>	212	<b>Corrected SS</b>	164.449438
<b>Coeff Variation</b>	186.492658	<b>Std Error Mean</b>	0.07224696

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.516854	<b>Std Deviation</b>	0.96389
<b>Median</b>	0.000000	<b>Variance</b>	0.92909
<b>Mode</b>	0.000000	<b>Range</b>	7.00000
		<b>Interquartile Range</b>	1.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	7.153989	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	29.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	885	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	7
<b>99%</b>	4
<b>95%</b>	2
<b>90%</b>	2
<b>75% Q3</b>	1
<b>50% Median</b>	0
<b>25% Q1</b>	0
<b>10%</b>	0
<b>5%</b>	0
<b>1%</b>	0
<b>0% Min</b>	0

**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	178	3	143
0	175	4	22
0	173	4	129
0	172	4	141
0	171	7	113

**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

Moments			
<b>N</b>	178	<b>Sum Weights</b>	178
<b>Mean</b>	2.85393258	<b>Sum Observations</b>	508
<b>Std Deviation</b>	1.54444923	<b>Variance</b>	2.38532343
<b>Skewness</b>	1.33629103	<b>Kurtosis</b>	3.87513974
<b>Uncorrected SS</b>	1872	<b>Corrected SS</b>	422.202247
<b>Coeff Variation</b>	54.1165282	<b>Std Error Mean</b>	0.11576136

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	2.853933	<b>Std Deviation</b>	1.54445
<b>Median</b>	3.000000	<b>Variance</b>	2.38532
<b>Mode</b>	2.000000	<b>Range</b>	11.00000
		<b>Interquartile Range</b>	2.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	24.65358	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	87.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	7700	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	11
<b>99%</b>	7
<b>95%</b>	6
<b>90%</b>	5
<b>75% Q3</b>	4
<b>50% Median</b>	3
<b>25% Q1</b>	2
<b>10%</b>	1
<b>5%</b>	1
<b>1%</b>	0
<b>0% Min</b>	0



**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	113	6	167
0	90	7	61
0	55	7	126
1	172	7	153
1	161	11	127

### The TTEST Procedure

**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

FNDX	N	Mean	Std Dev	Std Err	Minimum	Maximum
0	138	0.5000	0.9609	0.0818	0	7.0000
1	40	0.5750	0.9842	0.1556	0	4.0000
Diff (1-2)		-0.0750	0.9661	0.1735		

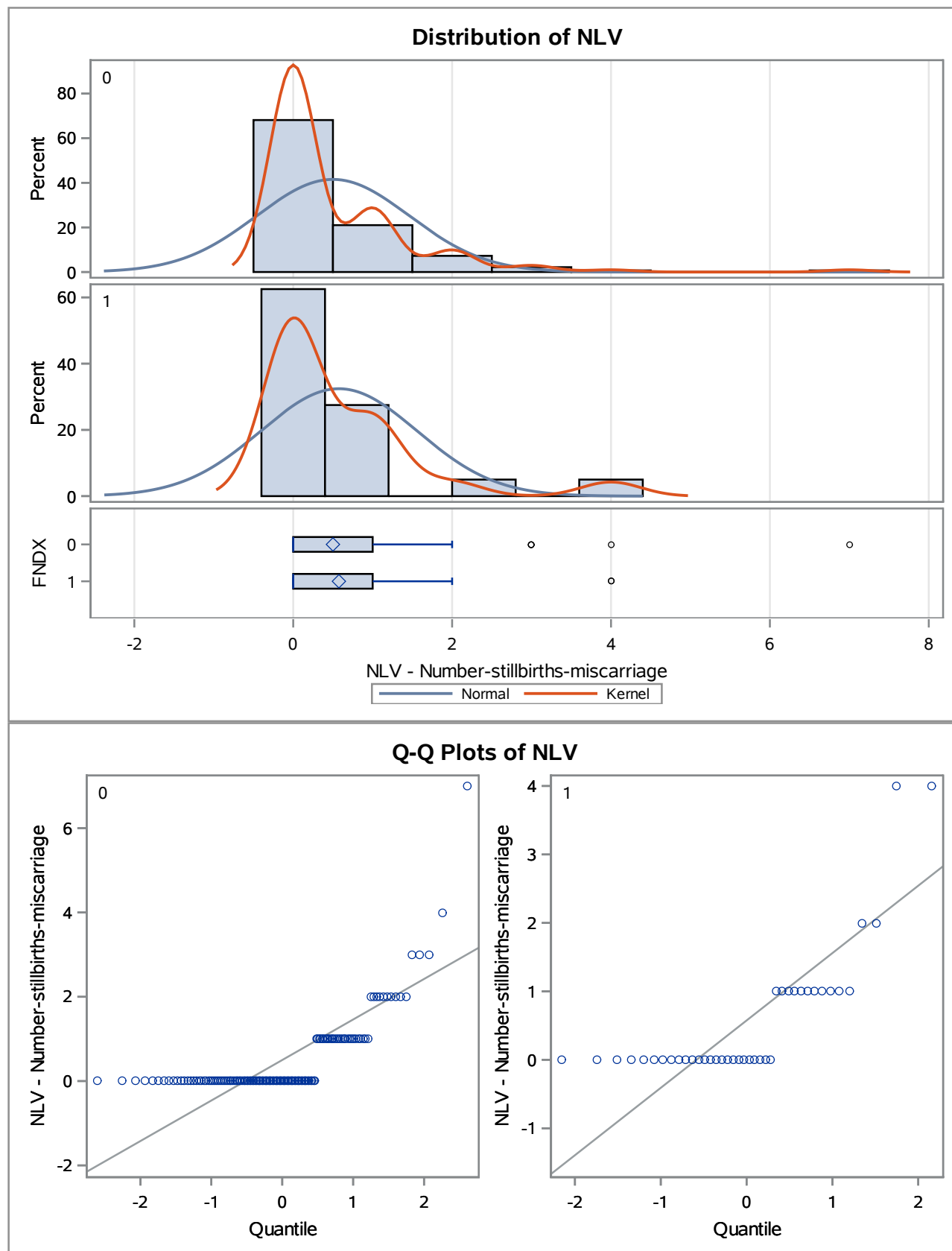
FNDX	Method	Mean	95% CL Mean		Std Dev	95% CL Std Dev	
0		0.5000	0.3382	0.6618	0.9609	0.8594	1.0899
1		0.5750	0.2602	0.8898	0.9842	0.8062	1.2637
Diff (1-2)	Pooled	-0.0750	-0.4174	0.2674	0.9661	0.8749	1.0788
Diff (1-2)	Satterthwaite	-0.0750	-0.4264	0.2764			

Method	Variances	DF	t Value	Pr >  t
Pooled	Equal	176	-0.43	0.6660
Satterthwaite	Unequal	62.179	-0.43	0.6711

Equality of Variances				
Method	Num DF	Den DF	F Value	Pr > F
Folded F	39	137	1.05	0.8148

## The TTEST Procedure

Variable: NLV (NLV - Number-stillbirths-miscarriage)



### The TTEST Procedure

Variable: LIV (LIV - Number-of-live-birth)

Variable: LIV (LIV - Number-of-live-birth)

FNDX	N	Mean	Std Dev	Std Err	Minimum	Maximum
0	138	2.7681	1.4311	0.1218	0	7.0000
1	40	3.1500	1.8749	0.2965	0	11.0000
Diff (1-2)		-0.3819	1.5405	0.2766		

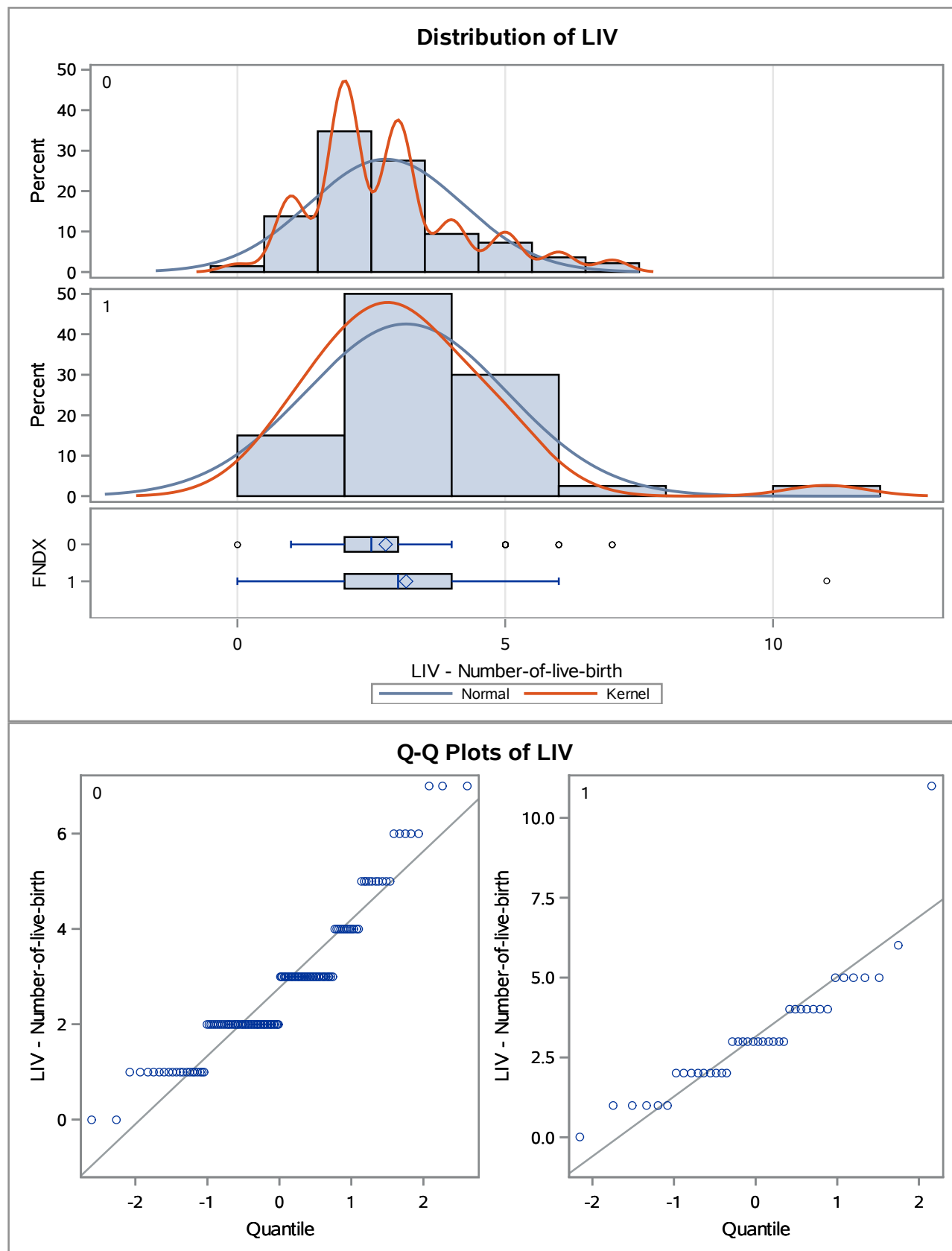
FNDX	Method	Mean	95% CL Mean		Std Dev	95% CL Std Dev	
0		2.7681	2.5272	3.0090	1.4311	1.2798	1.6232
1		3.1500	2.5504	3.7496	1.8749	1.5359	2.4075
Diff (1-2)	Pooled	-0.3819	-0.9278	0.1641	1.5405	1.3950	1.7202
Diff (1-2)	Satterthwaite	-0.3819	-1.0248	0.2610			

Method	Variances	DF	t Value	Pr >  t
Pooled	Equal	176	-1.38	0.1692
Satterthwaite	Unequal	52.855	-1.19	0.2388

Equality of Variances				
Method	Num DF	Den DF	F Value	Pr > F
Folded F	39	137	1.72	0.0247

# The TTEST Procedure

Variable: LIV (LIV - Number-of-live-birth)



### The ANOVA Procedure

Class Level Information		
Class	Levels	Values
FNDX	2	0 1

Number of Observations Read	178
Number of Observations Used	178

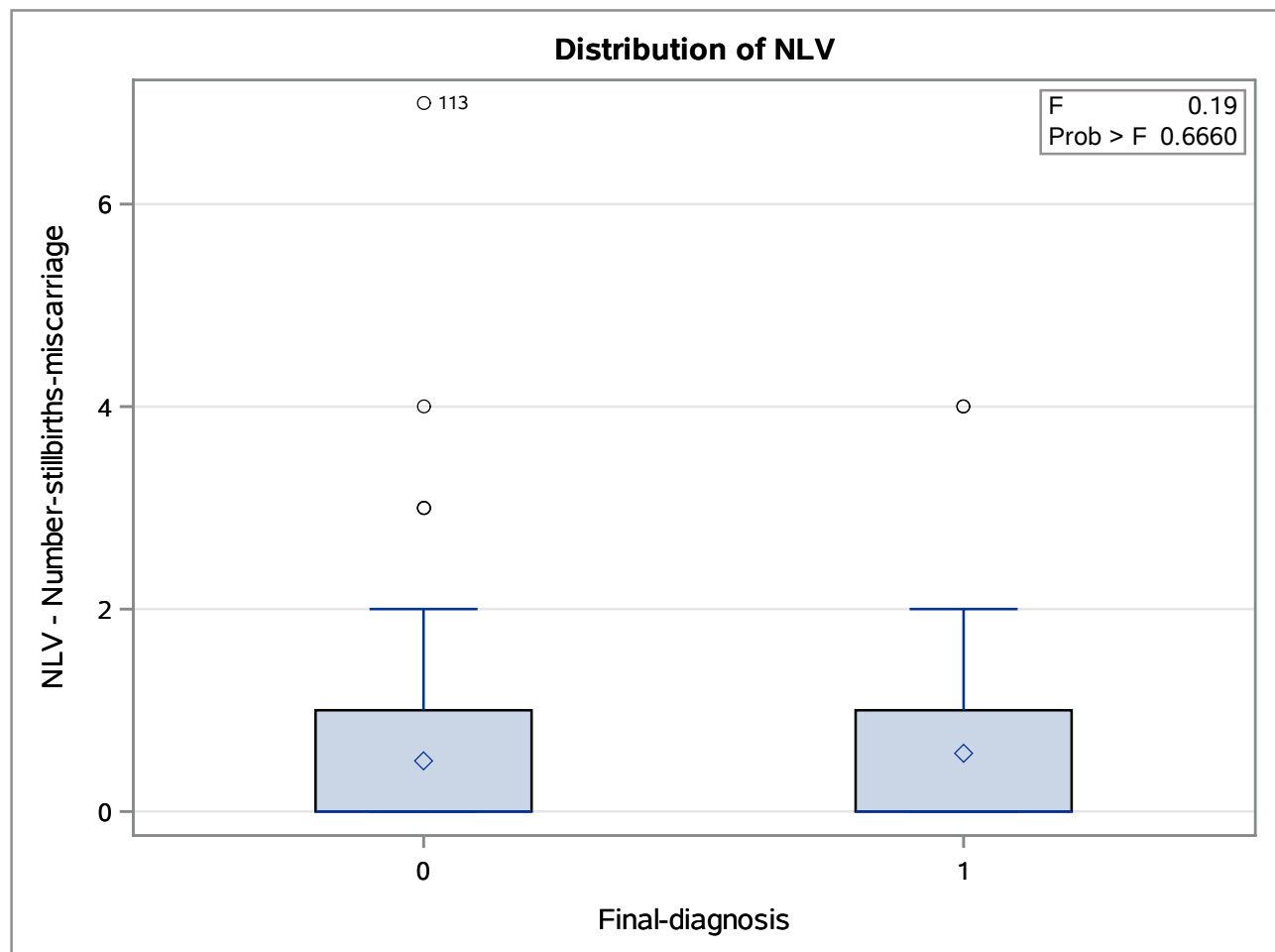
### The ANOVA Procedure

Dependent Variable: NLV NLV - Number-stillbirths-miscarriage

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	0.1744382	0.1744382	0.19	0.6660
Error	176	164.2750000	0.9333807		
Corrected Total	177	164.4494382			

R-Square	Coeff Var	Root MSE	NLV Mean
0.001061	186.9225	0.966116	0.516854

Source	DF	Anova SS	Mean Square	F Value	Pr > F
FNDX	1	0.17443820	0.17443820	0.19	0.6660



**The ANOVA Procedure**

Class Level Information		
Class	Levels	Values
FNDX	2	0 1

Number of Observations Read	178
Number of Observations Used	178



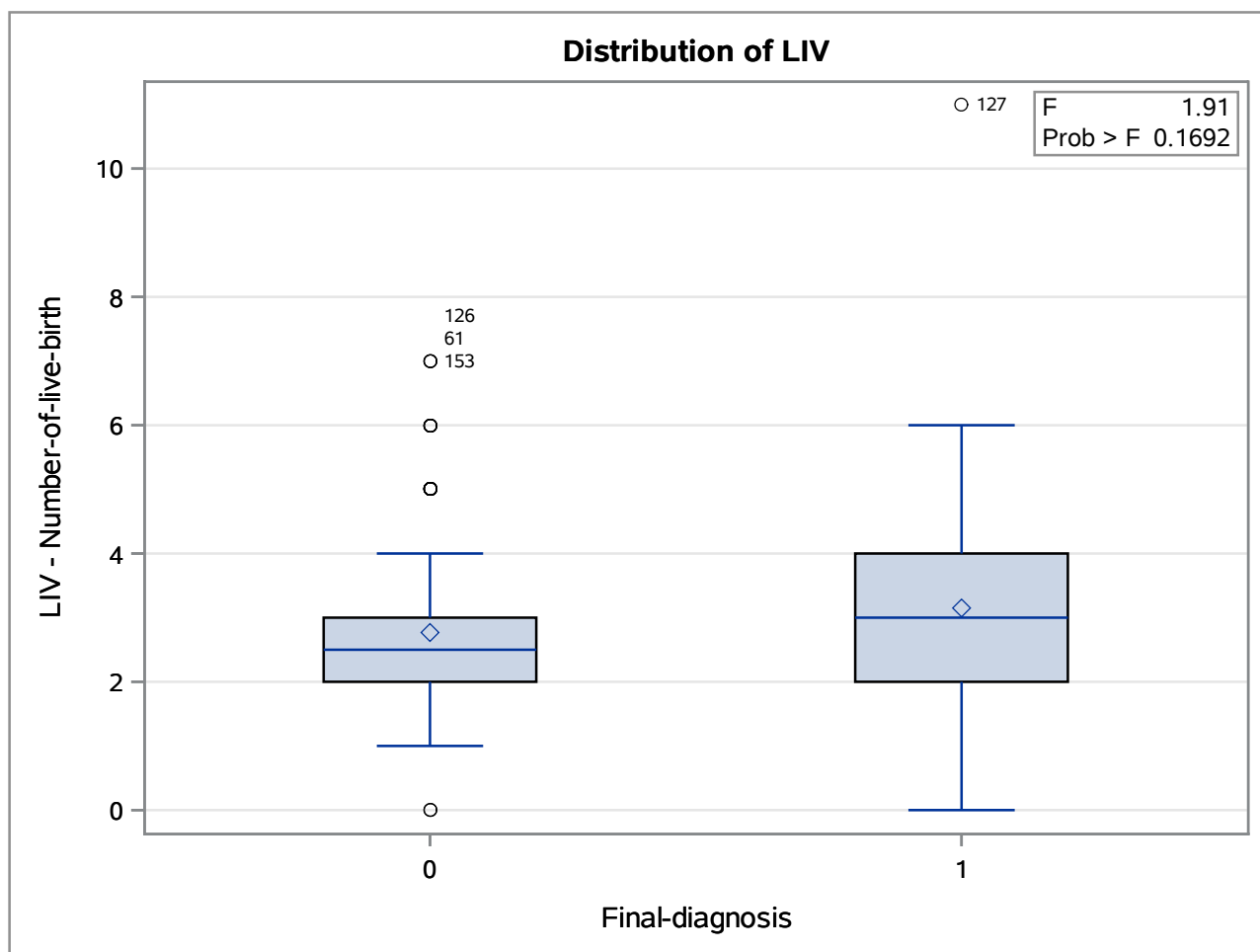
## The ANOVA Procedure

Dependent Variable: LIV LIV - Number-of-live-birth

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	4.5225370	4.5225370	1.91	0.1692
Error	176	417.6797101	2.3731802		
Corrected Total	177	422.2022472			

R-Square	Coeff Var	Root MSE	LIV Mean
0.010712	53.97860	1.540513	2.853933

Source	DF	Anova SS	Mean Square	F Value	Pr > F
FNDX	1	4.52253705	4.52253705	1.91	0.1692



**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: NLV NLV - Number-stillbirths-miscarriage**

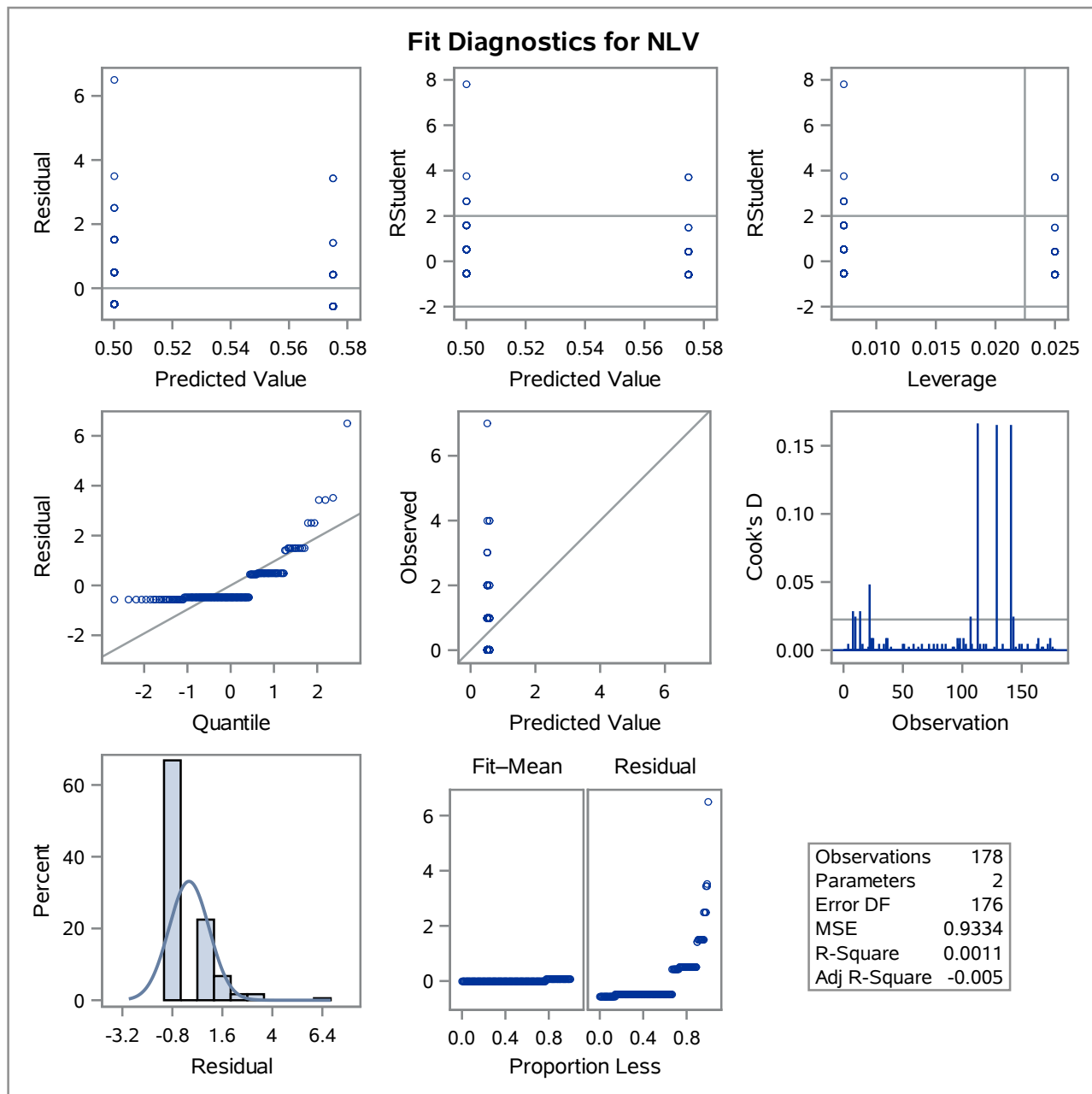
Number of Observations Read	178
Number of Observations Used	178

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	0.17444	0.17444	0.19	0.6660
Error	176	164.27500	0.93338		
Corrected Total	177	164.44944			

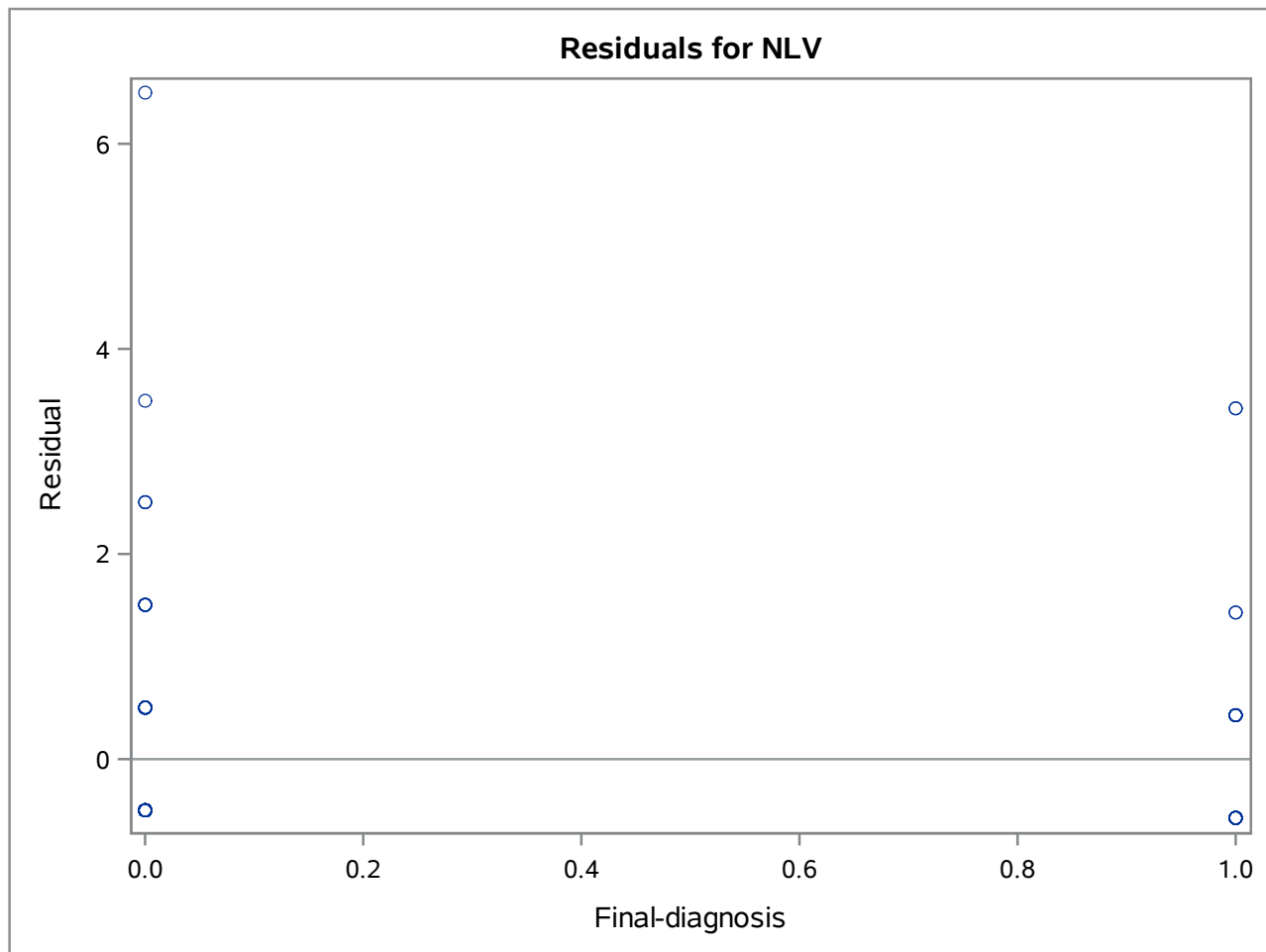
Root MSE	0.96612	R-Square	0.0011
Dependent Mean	0.51685	Adj R-Sq	-0.0046
Coeff Var	186.92250		

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
Intercept	Intercept	1	0.50000	0.08224	6.08	<.0001
FNDX	Final-diagnosis	1	0.07500	0.17349	0.43	0.6660

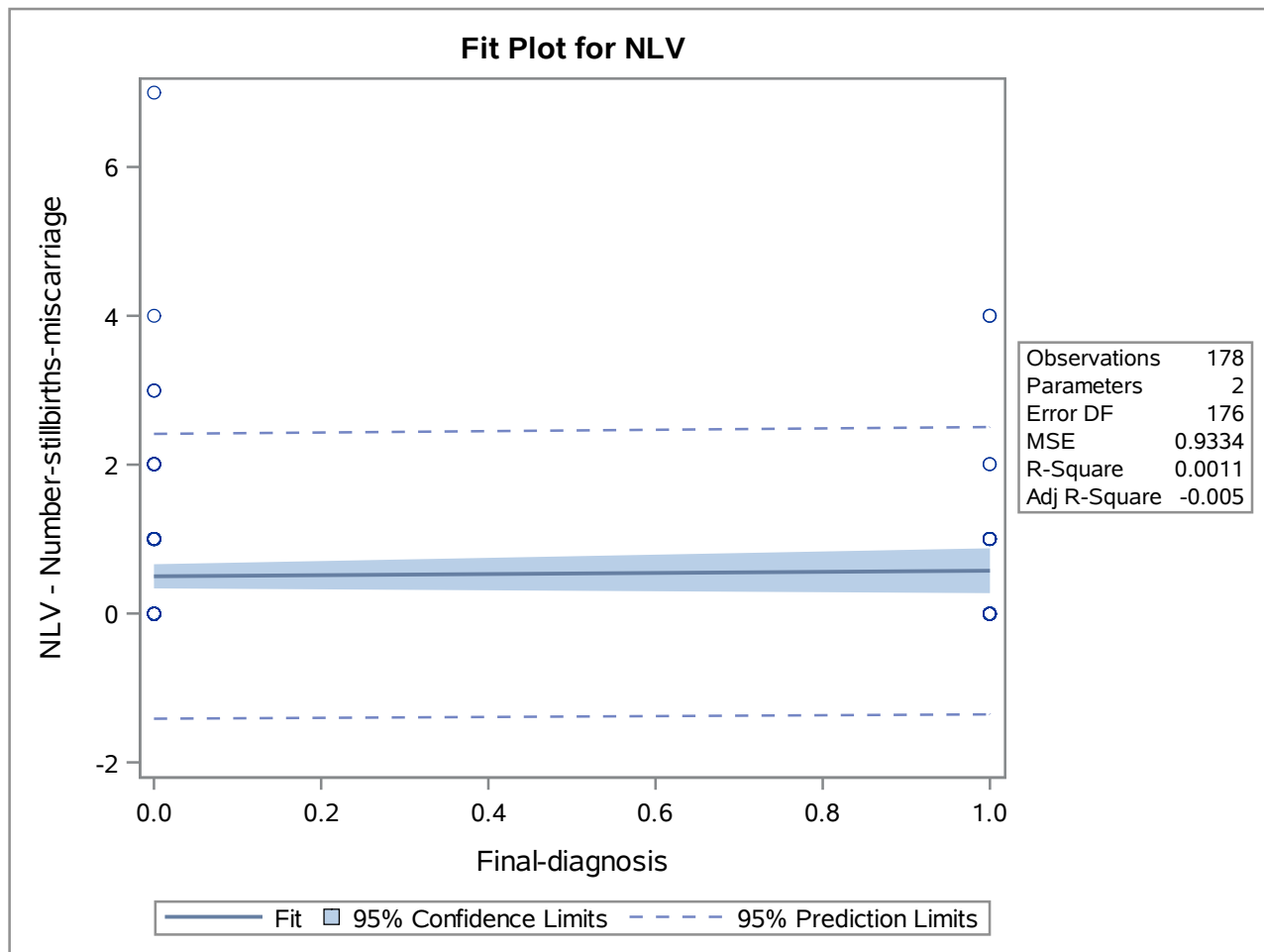
**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: NLV NLV - Number-stillbirths-miscarriage**



The REG Procedure  
Model: MODEL1  
Dependent Variable: NLV NLV - Number-stillbirths-miscarriage



The REG Procedure  
Model: MODEL1  
Dependent Variable: NLV NLV - Number-stillbirths-miscarriage



**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: LIV LIV - Number-of-live-birth**

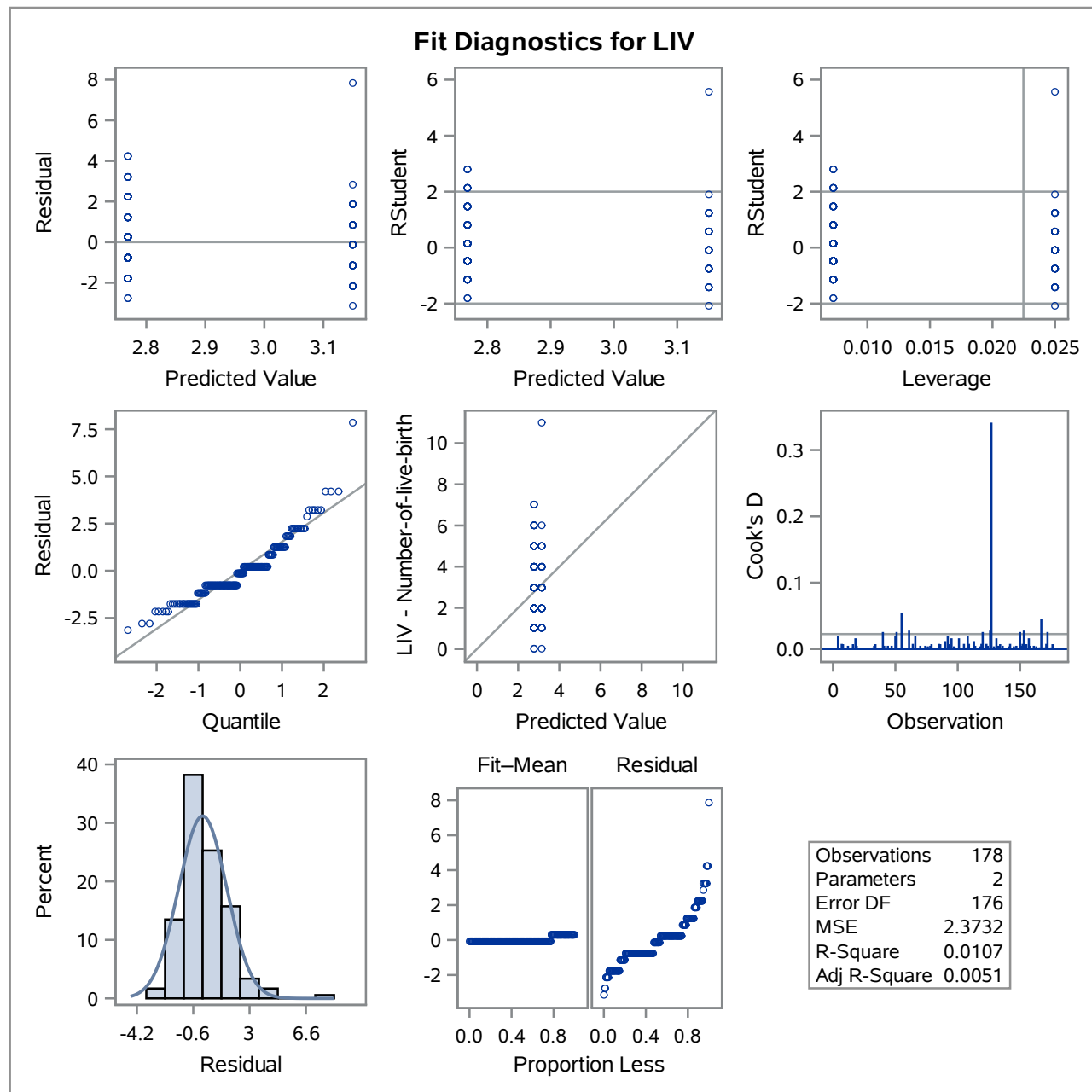
Number of Observations Read	178
Number of Observations Used	178

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	4.52254	4.52254	1.91	0.1692
Error	176	417.67971	2.37318		
Corrected Total	177	422.20225			

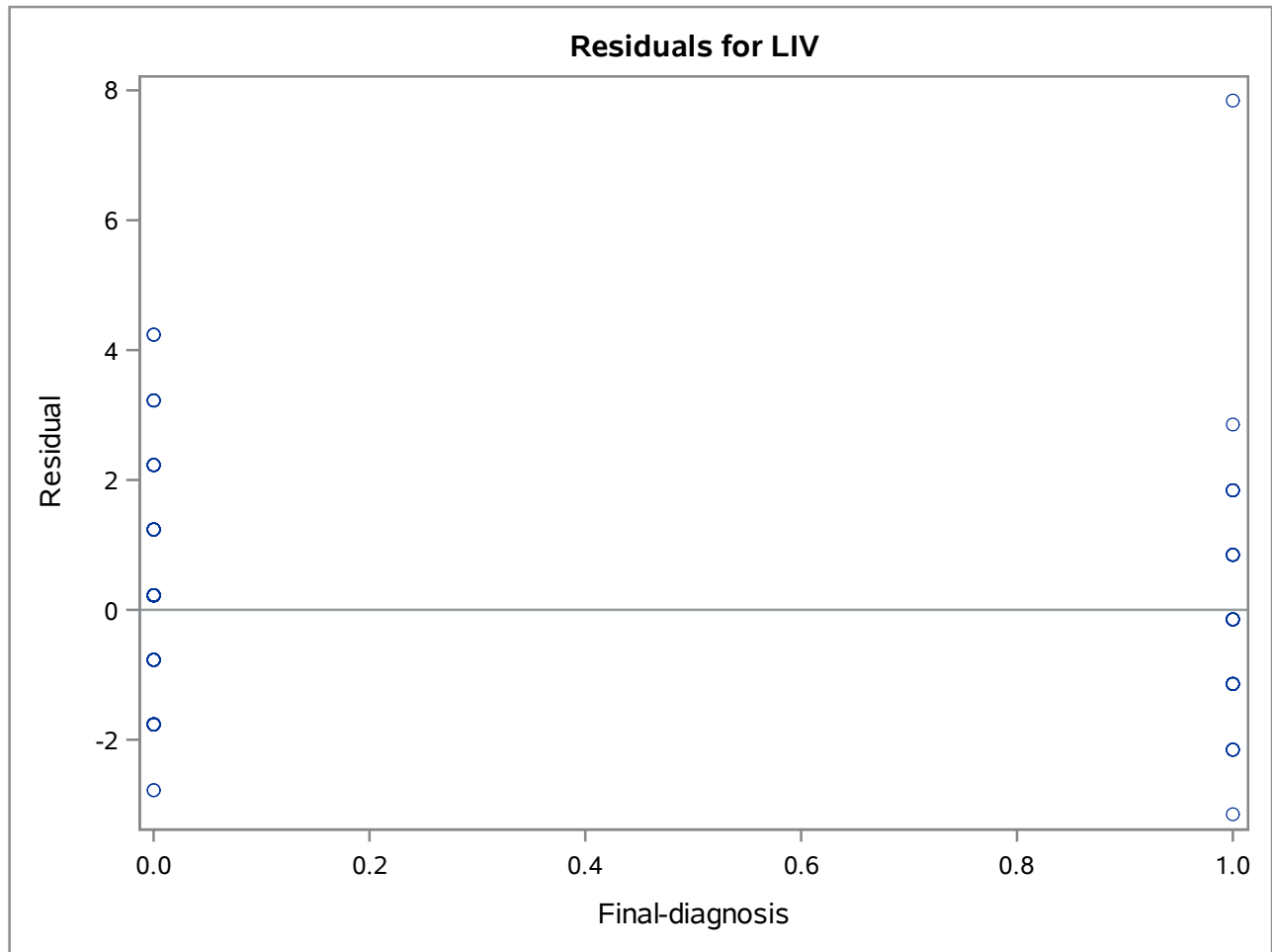
Root MSE	1.54051	R-Square	0.0107
Dependent Mean	2.85393	Adj R-Sq	0.0051
Coeff Var	53.97860		

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
Intercept	Intercept	1	2.76812	0.13114	21.11	<.0001
FNDX	Final-diagnosis	1	0.38188	0.27663	1.38	0.1692

**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: LIV LIV - Number-of-live-birth**

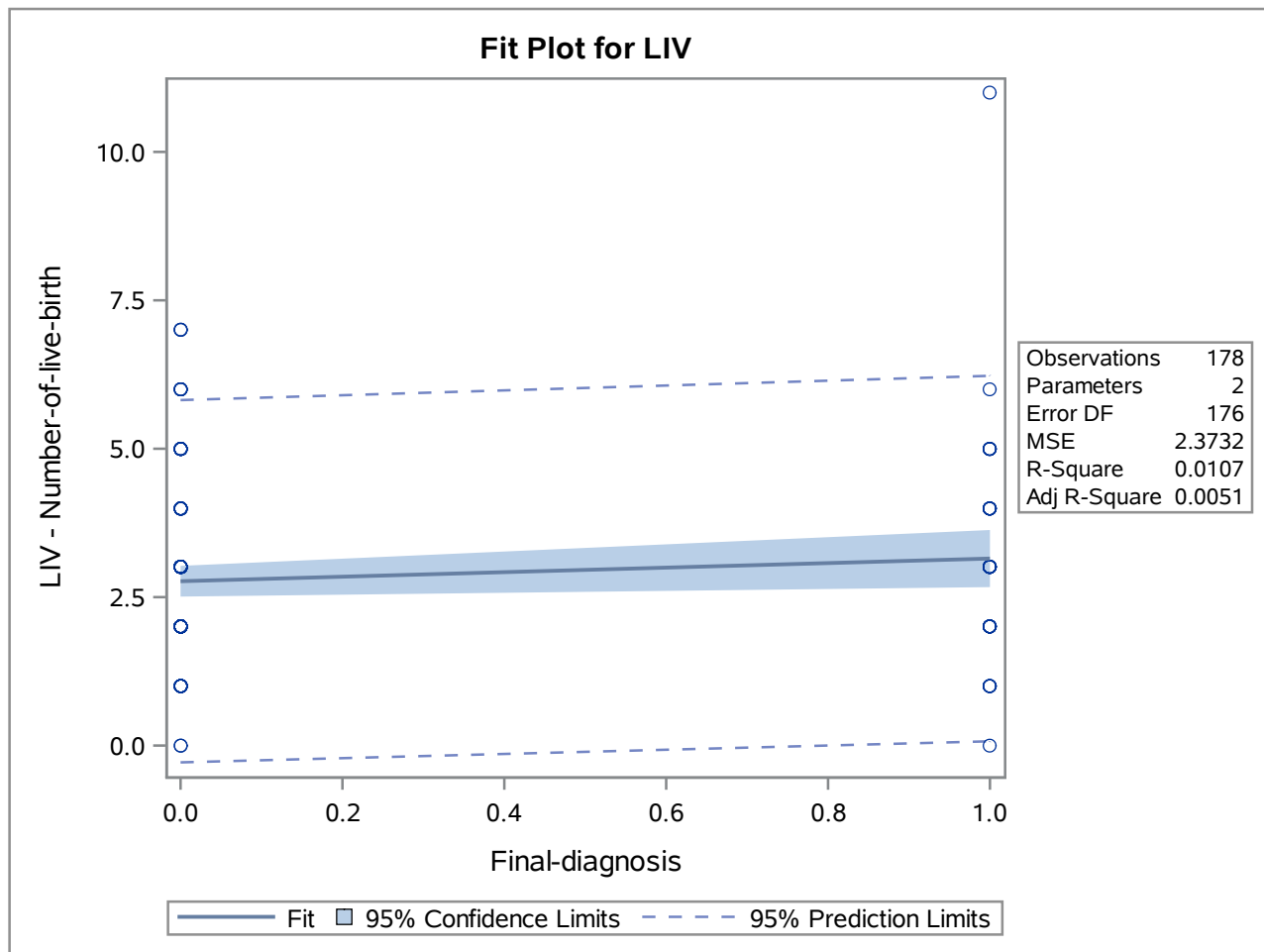


The REG Procedure  
Model: MODEL1  
Dependent Variable: LIV LIV - Number-of-live-birth





The REG Procedure  
Model: MODEL1  
Dependent Variable: LIV LIV - Number-of-live-birth



**The UNIVARIATE Procedure**  
**Variable: AGMT (AGMT - Age-of-the-subject)**

Moments			
<b>N</b>	178	<b>Sum Weights</b>	178
<b>Mean</b>	45.9044944	<b>Sum Observations</b>	8171
<b>Std Deviation</b>	10.1121889	<b>Variance</b>	102.256364
<b>Skewness</b>	0.35195715	<b>Kurtosis</b>	-0.8966789
<b>Uncorrected SS</b>	393185	<b>Corrected SS</b>	18099.3764
<b>Coeff Variation</b>	22.0287556	<b>Std Error Mean</b>	0.7579406

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	45.90449	<b>Std Deviation</b>	10.11219
<b>Median</b>	45.00000	<b>Variance</b>	102.25636
<b>Mode</b>	38.00000	<b>Range</b>	41.00000
		<b>Interquartile Range</b>	15.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	60.56477	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	89	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	7965.5	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	68
<b>99%</b>	68
<b>95%</b>	62
<b>90%</b>	61
<b>75% Q3</b>	53
<b>50% Median</b>	45
<b>25% Q1</b>	38
<b>10%</b>	33
<b>5%</b>	32
<b>1%</b>	28
<b>0% Min</b>	27

**The UNIVARIATE Procedure**  
**Variable: AGMT (AGMT - Age-of-the-subject)**

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
27	158	64	63
28	160	64	64
28	159	68	59
30	57	68	60
31	58	68	61

**The UNIVARIATE Procedure**  
**Variable: WT (WT - Weight-of-the-subject)**

Moments			
<b>N</b>	178	<b>Sum Weights</b>	178
<b>Mean</b>	144.567416	<b>Sum Observations</b>	25733
<b>Std Deviation</b>	30.7354018	<b>Variance</b>	944.664921
<b>Skewness</b>	1.06874772	<b>Kurtosis</b>	1.46117769
<b>Uncorrected SS</b>	3887359	<b>Corrected SS</b>	167205.691
<b>Coeff Variation</b>	21.2602554	<b>Std Error Mean</b>	2.30371576

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	144.5674	<b>Std Deviation</b>	30.73540
<b>Median</b>	140.0000	<b>Variance</b>	944.66492
<b>Mode</b>	130.0000	<b>Range</b>	185.00000
		<b>Interquartile Range</b>	36.00000

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	62.75402	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	89	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	7965.5	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	265
<b>99%</b>	240
<b>95%</b>	198
<b>90%</b>	189
<b>75% Q3</b>	159
<b>50% Median</b>	140
<b>25% Q1</b>	123
<b>10%</b>	110
<b>5%</b>	105
<b>1%</b>	97
<b>0% Min</b>	80

**The UNIVARIATE Procedure**  
**Variable: WT (WT - Weight-of-the-subject)**

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
80	134	218	53
97	56	235	110
100	41	240	42
101	141	240	149
102	136	265	165

### The TTEST Procedure

Variable: AGMT (AGMT - Age-of-the-subject)

FNDX	N	Mean	Std Dev	Std Err	Minimum	Maximum
0	138	45.4928	10.0997	0.8597	27.0000	68.0000
1	40	47.3250	10.1537	1.6054	31.0000	68.0000
Diff (1-2)		-1.8322	10.1117	1.8158		

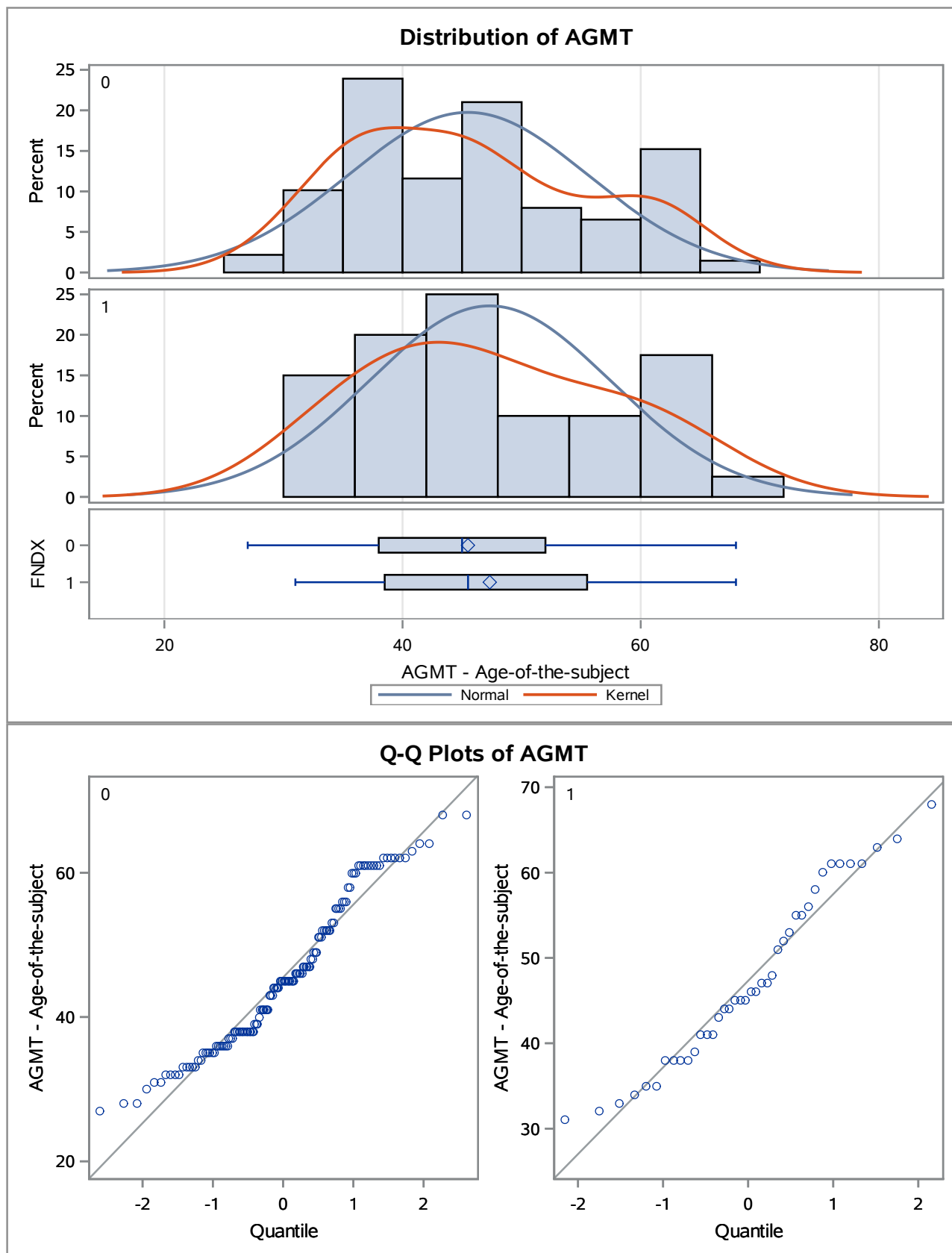
FNDX	Method	Mean	95% CL Mean		Std Dev	95% CL Std Dev	
0		45.4928	43.7927	47.1928	10.0997	9.0323	11.4555
1		47.3250	44.0777	50.5723	10.1537	8.3175	13.0377
Diff (1-2)	Pooled	-1.8322	-5.4158	1.7513	10.1117	9.1566	11.2909
Diff (1-2)	Satterthwaite	-1.8322	-5.4714	1.8069			

Method	Variances	DF	t Value	Pr >  t
Pooled	Equal	176	-1.01	0.3143
Satterthwaite	Unequal	63.099	-1.01	0.3182

Equality of Variances				
Method	Num DF	Den DF	F Value	Pr > F
Folded F	39	137	1.01	0.9289

## The TTEST Procedure

Variable: AGMT (AGMT - Age-of-the-subject)



### The TTEST Procedure

Variable: WT (WT - Weight-of-the-subject)

Variable: WT (WT - Weight-of-the-subject)

FNDX	N	Mean	Std Dev	Std Err	Minimum	Maximum
0	138	149.1	32.2451	2.7449	97.0000	265.0
1	40	128.9	17.5522	2.7752	80.0000	170.0
Diff (1-2)		20.2732	29.6245	5.3198		

FNDX	Method	Mean	95% CL Mean		Std Dev	95% CL Std Dev	
0		149.1	143.7	154.6	32.2451	28.8371	36.5736
1		128.9	123.2	134.5	17.5522	14.3781	22.5376
Diff (1-2)	Pooled	20.2732	9.7745	30.7719	29.6245	26.8265	33.0793
Diff (1-2)	Satterthwaite	20.2732	12.5447	28.0016			

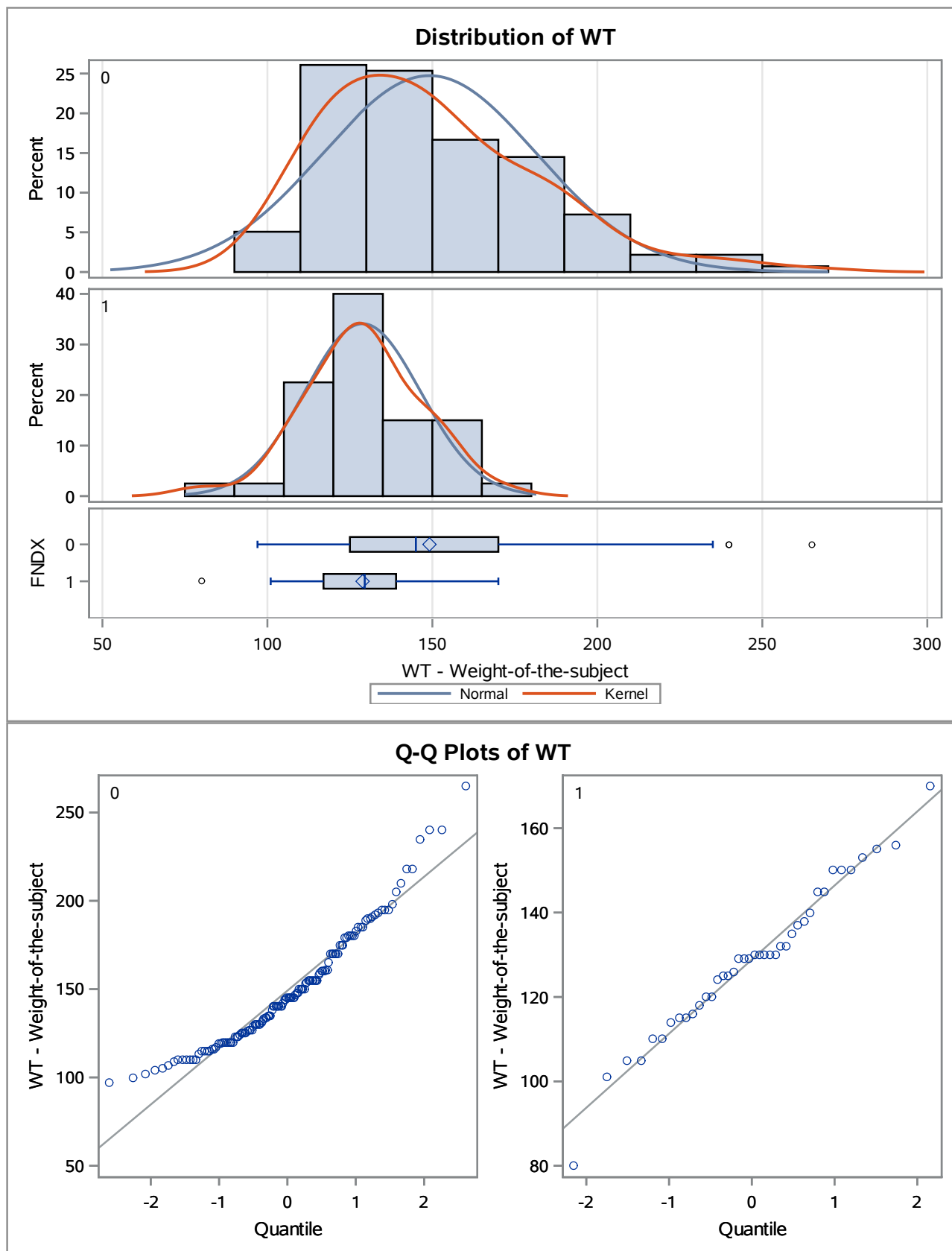
Method	Variances	DF	t Value	Pr >  t
Pooled	Equal	176	3.81	0.0002
Satterthwaite	Unequal	119.95	5.19	<.0001

Equality of Variances				
Method	Num DF	Den DF	F Value	Pr > F
Folded F	137	39	3.37	<.0001



## The TTEST Procedure

Variable: WT (WT - Weight-of-the-subject)



### The ANOVA Procedure

Class Level Information		
Class	Levels	Values
FNDX	2	0 1

Number of Observations Read	178
Number of Observations Used	178

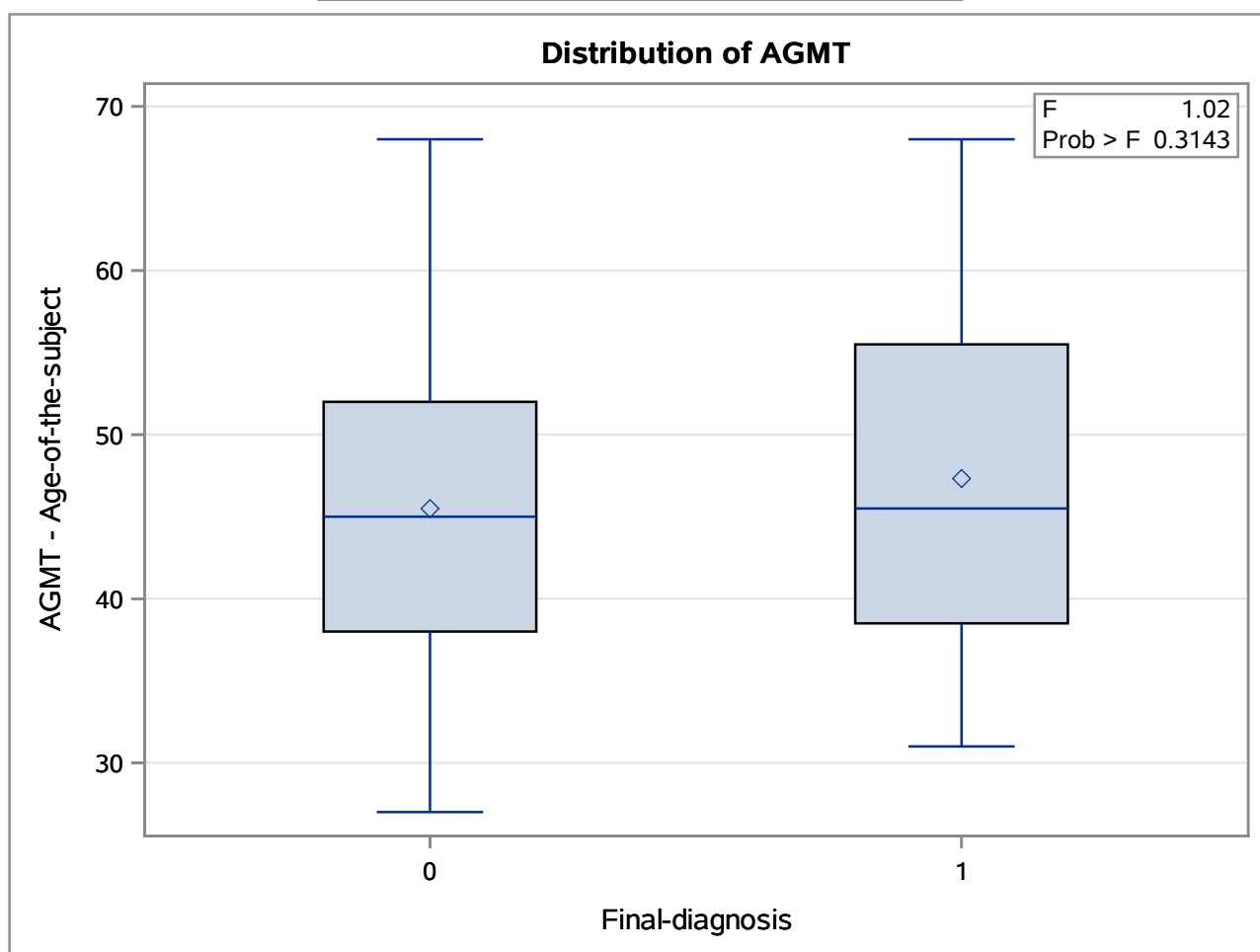
## The ANOVA Procedure

**Dependent Variable: AGMT AGMT - Age-of-the-subject**

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	104.10865	104.10865	1.02	0.3143
Error	176	17995.26775	102.24584		
Corrected Total	177	18099.37640			

R-Square	Coeff Var	Root MSE	AGMT Mean
0.005752	22.02762	10.11167	45.90449

Source	DF	Anova SS	Mean Square	F Value	Pr > F
FNDX	1	104.1086509	104.1086509	1.02	0.3143



### The ANOVA Procedure

Class Level Information		
Class	Levels	Values
FNDX	2	0 1

Number of Observations Read	178
Number of Observations Used	178

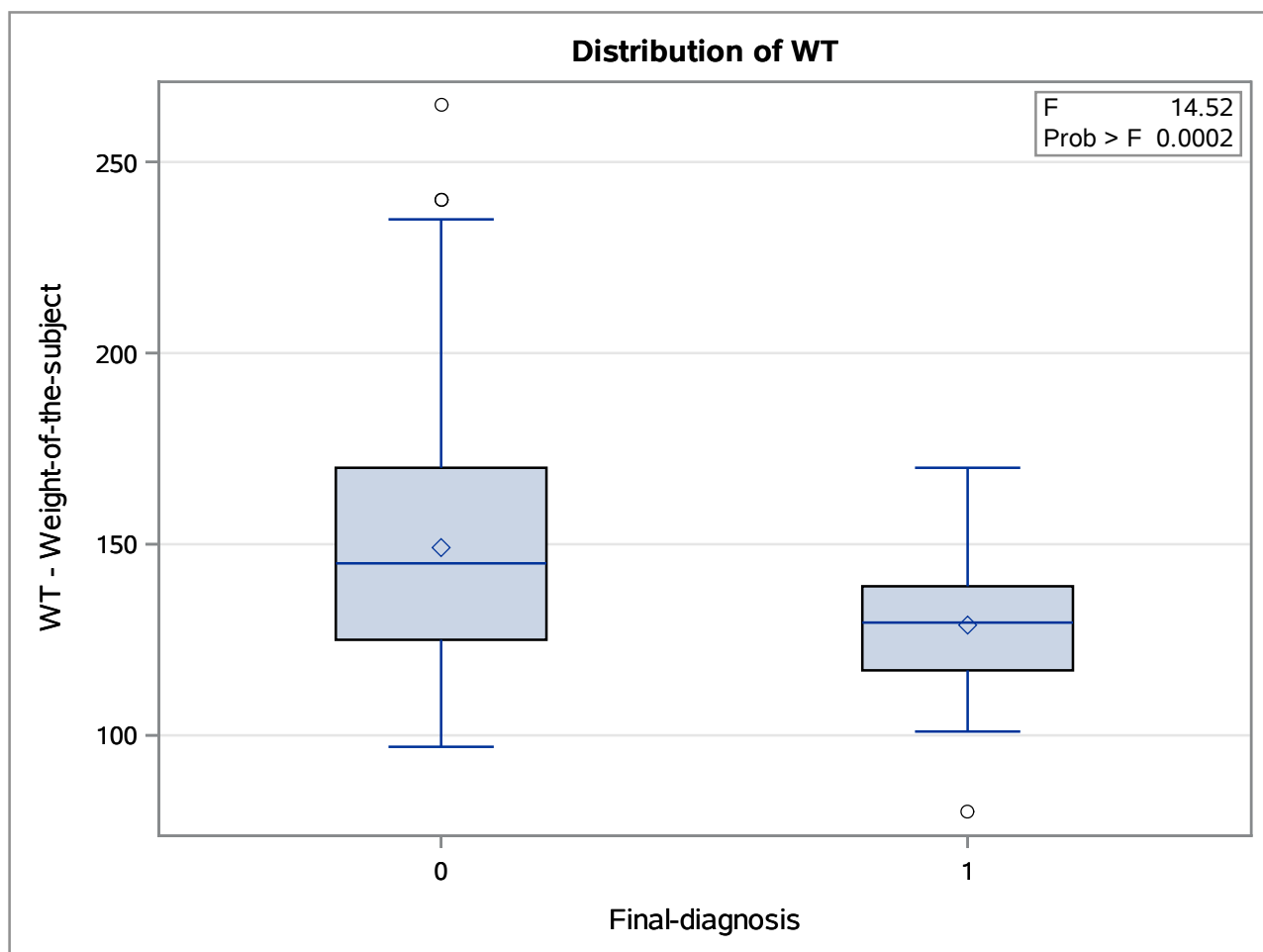
## The ANOVA Procedure

**Dependent Variable: WT WT - Weight-of-the-subject**

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
<b>Model</b>	1	12745.6852	12745.6852	14.52	0.0002
<b>Error</b>	176	154460.0058	877.6137		
<b>Corrected Total</b>	177	167205.6910			

R-Square	Coeff Var	Root MSE	WT Mean
0.076228	20.49185	29.62455	144.5674

Source	DF	Anova SS	Mean Square	F Value	Pr > F
<b>FNDX</b>	1	12745.68521	12745.68521	14.52	0.0002



**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: AGMT AGMT - Age-of-the-subject**

Number of Observations Read	178
Number of Observations Used	178

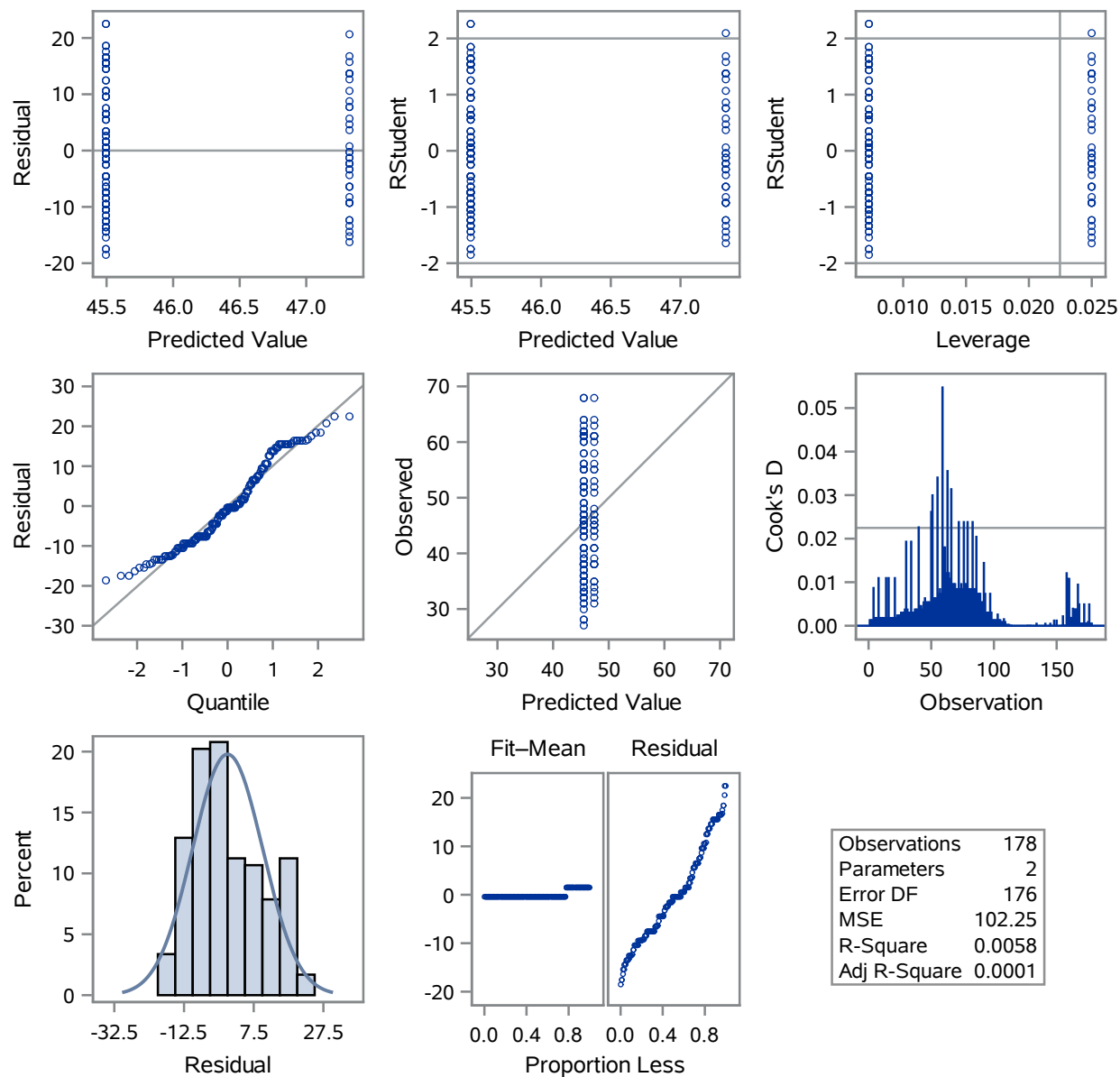
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	104.10865	104.10865	1.02	0.3143
Error	176	17995	102.24584		
Corrected Total	177	18099			

Root MSE	10.11167	R-Square	0.0058
Dependent Mean	45.90449	Adj R-Sq	0.0001
Coeff Var	22.02762		

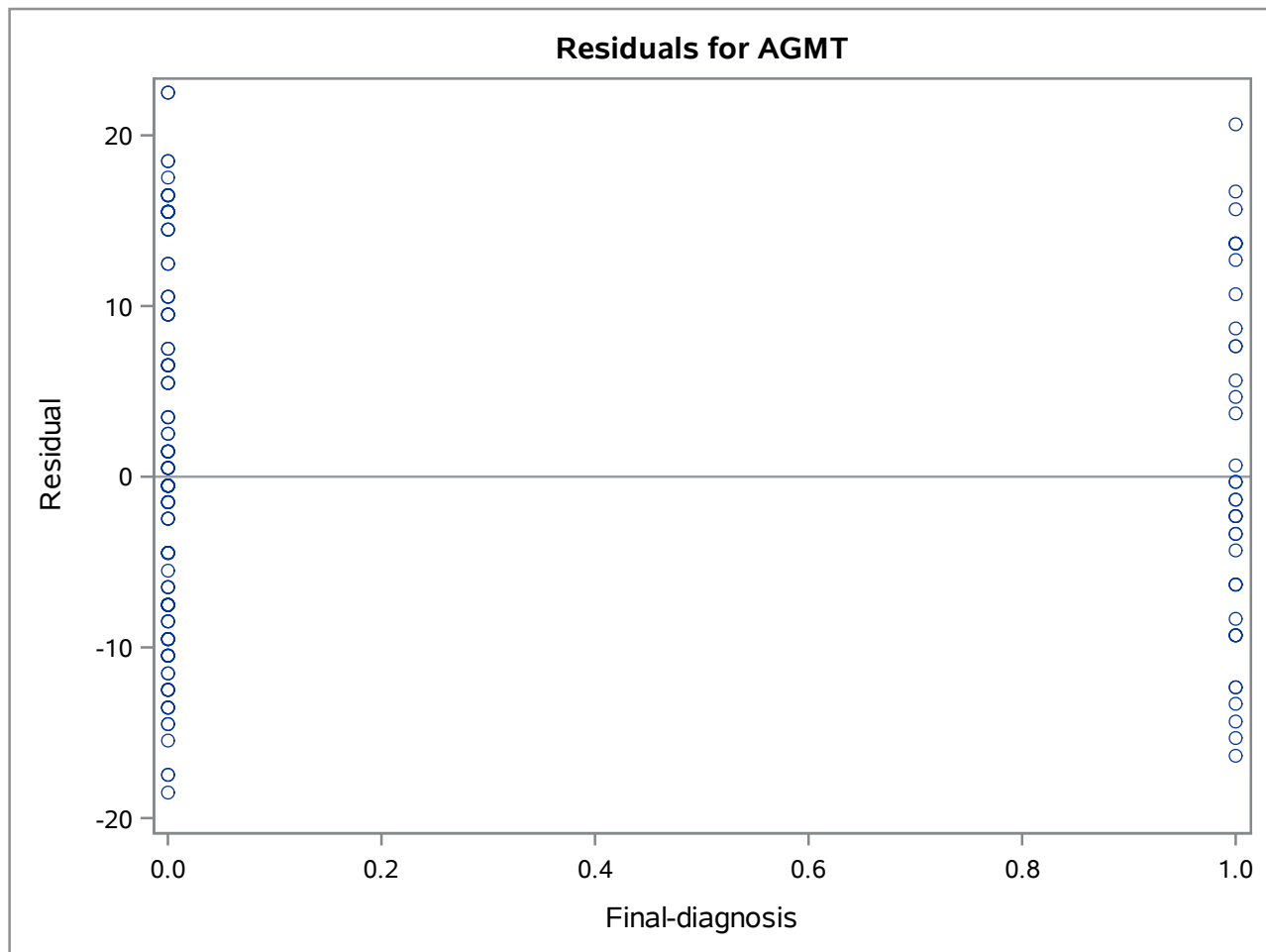
Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
Intercept	Intercept	1	45.49275	0.86076	52.85	<.0001
FNDX	Final-diagnosis	1	1.83225	1.81578	1.01	0.3143

**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: AGMT AGMT - Age-of-the-subject**

**Fit Diagnostics for AGMT**

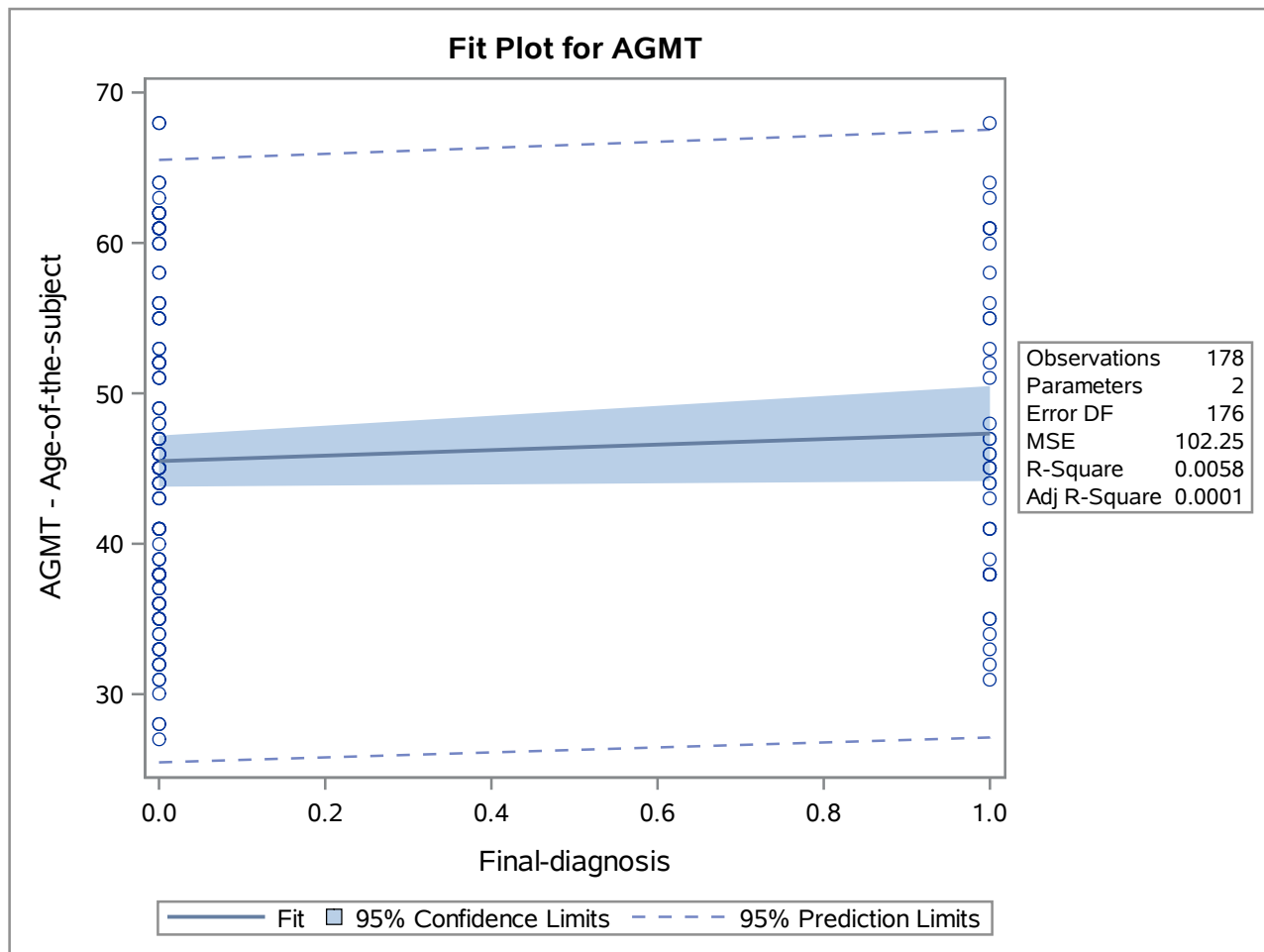


The REG Procedure  
Model: MODEL1  
Dependent Variable: AGMT AGMT - Age-of-the-subject





The REG Procedure  
Model: MODEL1  
Dependent Variable: AGMT AGMT - Age-of-the-subject



**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: WT WT - Weight-of-the-subject**

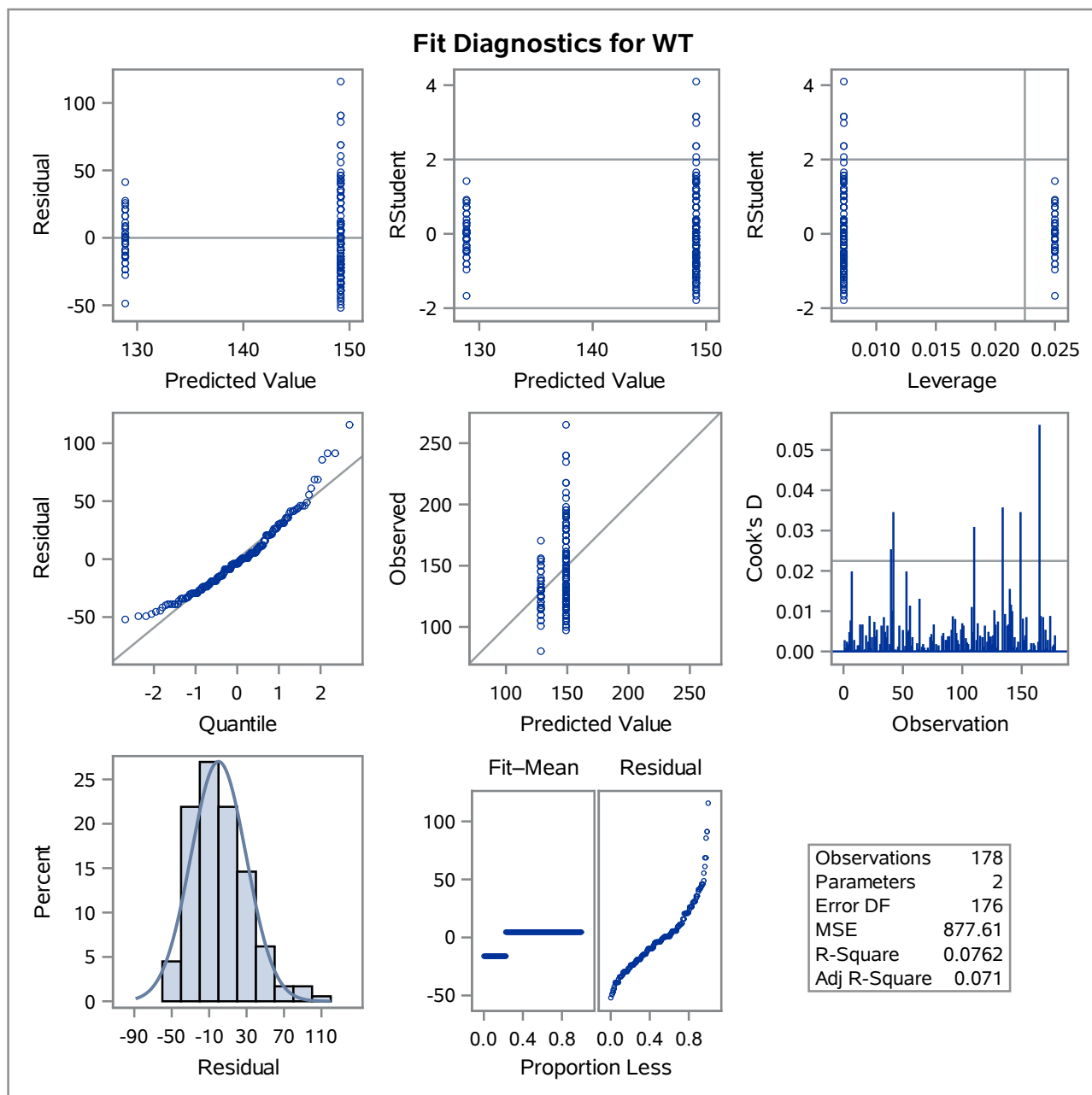
Number of Observations Read	178
Number of Observations Used	178

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	12746	12746	14.52	0.0002
Error	176	154460	877.61367		
Corrected Total	177	167206			

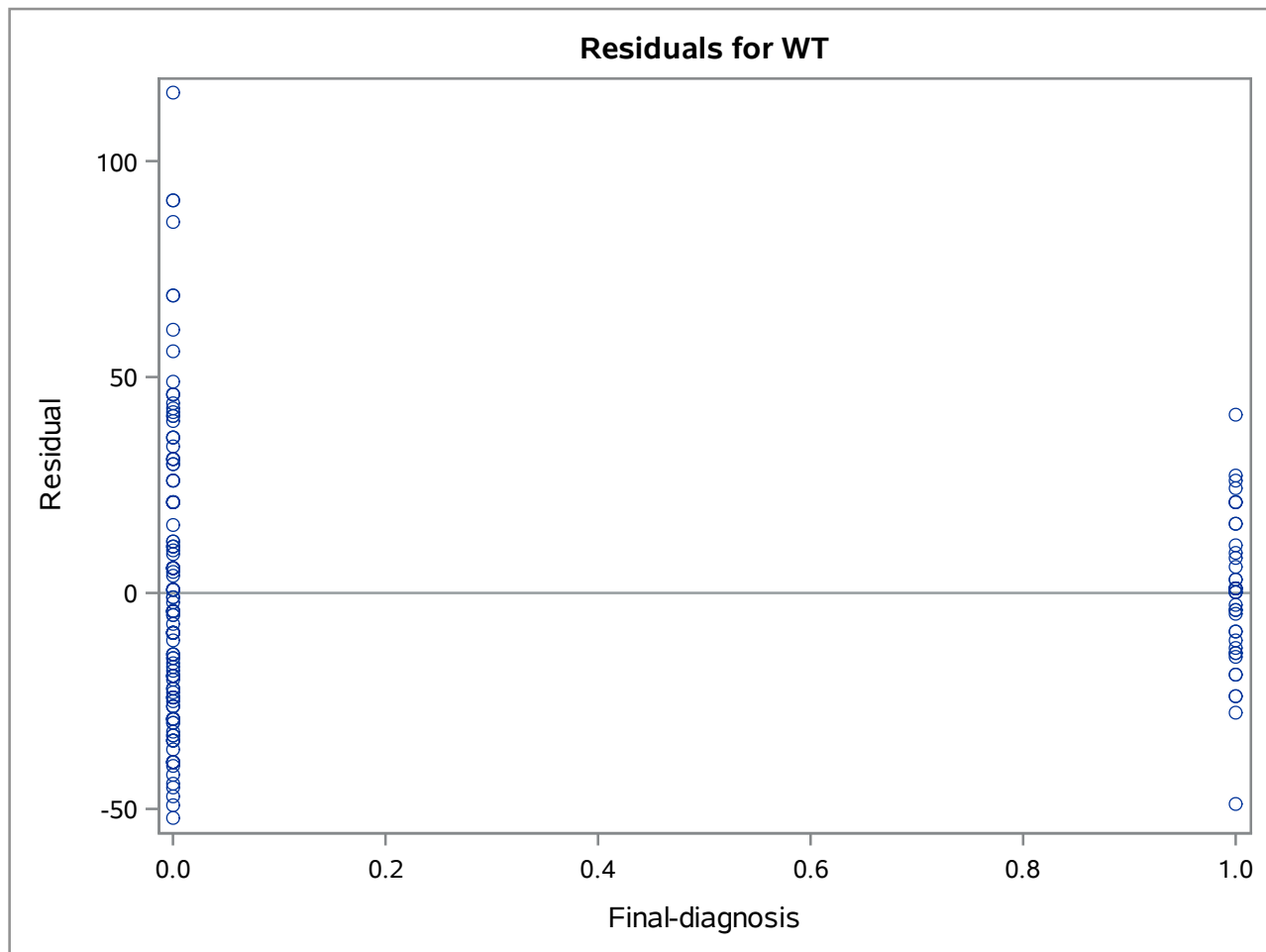
Root MSE	29.62455	R-Square	0.0762
Dependent Mean	144.56742	Adj R-Sq	0.0710
Coeff Var	20.49185		

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
Intercept	Intercept	1	149.12319	2.52181	59.13	<.0001
FNDX	Final-diagnosis	1	-20.27319	5.31976	-3.81	0.0002

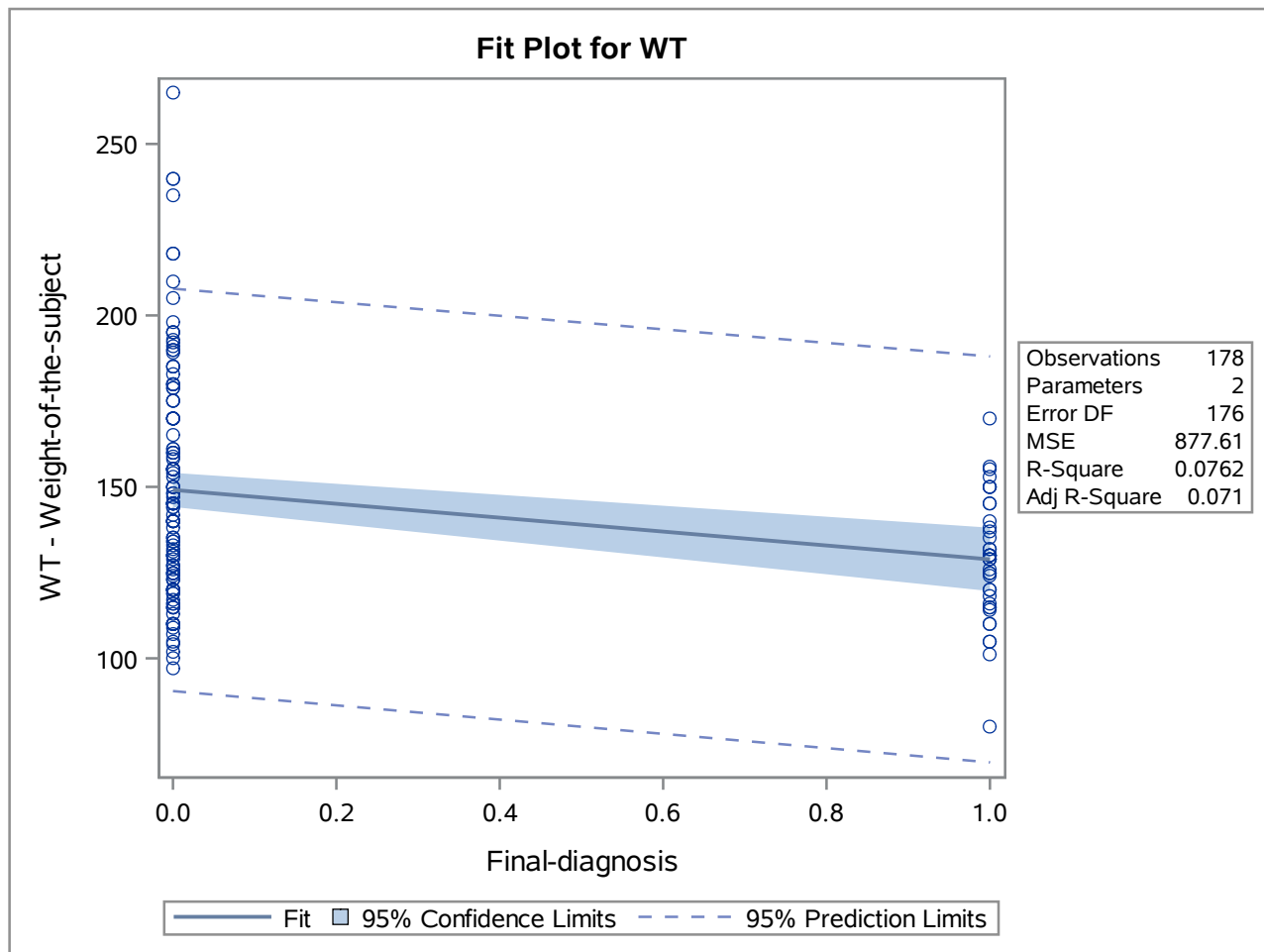
**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: WT WT - Weight-of-the-subject**



The REG Procedure  
Model: MODEL1  
Dependent Variable: WT WT - Weight-of-the-subject



The REG Procedure  
Model: MODEL1  
Dependent Variable: WT WT - Weight-of-the-subject



**The UNIVARIATE Procedure**  
**Variable: AGLP (AGLP - Age-at-last-menstrual-period)**

Moments			
<b>N</b>	178	<b>Sum Weights</b>	178
<b>Mean</b>	41.258427	<b>Sum Observations</b>	7344
<b>Std Deviation</b>	7.41814555	<b>Variance</b>	55.0288834
<b>Skewness</b>	-0.1240787	<b>Kurtosis</b>	-0.6014417
<b>Uncorrected SS</b>	312742	<b>Corrected SS</b>	9740.11236
<b>Coeff Variation</b>	17.9797101	<b>Std Error Mean</b>	0.55601352

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	41.25843	<b>Std Deviation</b>	7.41815
<b>Median</b>	41.00000	<b>Variance</b>	55.02888
<b>Mode</b>	38.00000	<b>Range</b>	35.00000
		<b>Interquartile Range</b>	11.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	74.204	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	89	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	7965.5	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	56
<b>99%</b>	56
<b>95%</b>	53
<b>90%</b>	51
<b>75% Q3</b>	47
<b>50% Median</b>	41
<b>25% Q1</b>	36
<b>10%</b>	31
<b>5%</b>	29
<b>1%</b>	25
<b>0% Min</b>	21

**The UNIVARIATE Procedure**  
**Variable: AGLP (AGLP - Age-at-last-menstrual-period)**

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
21	156	55	80
25	90	55	82
26	53	55	91
27	168	56	76
27	159	56	85

**The UNIVARIATE Procedure**  
**Variable: AGMN (AGMN - Age-at-menarche)**

Moments			
<b>N</b>	178	<b>Sum Weights</b>	178
<b>Mean</b>	12.9438202	<b>Sum Observations</b>	2304
<b>Std Deviation</b>	1.80620119	<b>Variance</b>	3.26236272
<b>Skewness</b>	0.35815982	<b>Kurtosis</b>	-0.2497691
<b>Uncorrected SS</b>	30400	<b>Corrected SS</b>	577.438202
<b>Coeff Variation</b>	13.9541585	<b>Std Error Mean</b>	0.1353805

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	12.94382	<b>Std Deviation</b>	1.80620
<b>Median</b>	13.00000	<b>Variance</b>	3.26236
<b>Mode</b>	12.00000	<b>Range</b>	9.00000
		<b>Interquartile Range</b>	2.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	95.61067	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	89	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	7965.5	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	17
<b>99%</b>	17
<b>95%</b>	16
<b>90%</b>	16
<b>75% Q3</b>	14
<b>50% Median</b>	13
<b>25% Q1</b>	12
<b>10%</b>	11
<b>5%</b>	10
<b>1%</b>	9
<b>0% Min</b>	8



**The UNIVARIATE Procedure**  
**Variable: AGMN (AGMN - Age-at-menarche)**

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
8	19	17	82
9	53	17	86
10	142	17	139
10	90	17	153
10	62	17	167

### The TTEST Procedure

Variable: AGLP (AGLP - Age-at-last-menstrual-period)

FNDX	N	Mean	Std Dev	Std Err	Minimum	Maximum
0	138	40.5652	7.2333	0.6157	21.0000	56.0000
1	40	43.6500	7.6412	1.2082	27.0000	56.0000
Diff (1-2)		-3.0848	7.3256	1.3155		

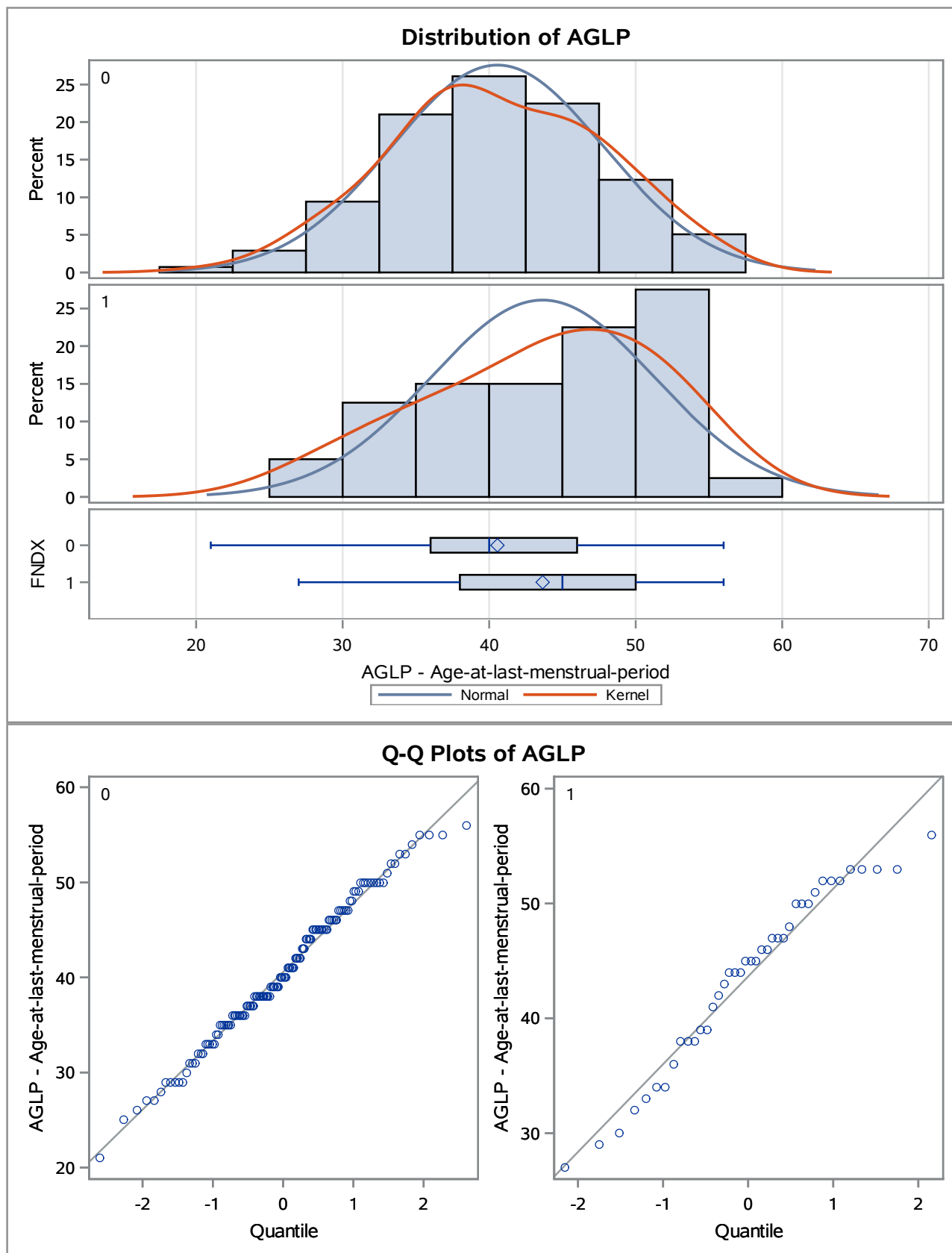
FNDX	Method	Mean	95% CL Mean		Std Dev	95% CL Std Dev	
0		40.5652	39.3476	41.7828	7.2333	6.4688	8.2043
1		43.6500	41.2062	46.0938	7.6412	6.2593	9.8115
Diff (1-2)	Pooled	-3.0848	-5.6809	-0.4886	7.3256	6.6337	8.1799
Diff (1-2)	Satterthwaite	-3.0848	-5.7966	-0.3730			

Method	Variances	DF	t Value	Pr >  t
Pooled	Equal	176	-2.34	0.0201
Satterthwaite	Unequal	60.724	-2.27	0.0265

Equality of Variances				
Method	Num DF	Den DF	F Value	Pr > F
Folded F	39	137	1.12	0.6326

# The TTEST Procedure

Variable: AGLP (AGLP - Age-at-last-menstrual-period)



### The TTEST Procedure

Variable: AGMN (AGMN - Age-at-menarche)

Variable: AGMN (AGMN - Age-at-menarche)

FNDX	N	Mean	Std Dev	Std Err	Minimum	Maximum
0	138	12.6087	1.6761	0.1427	8.0000	17.0000
1	40	14.1000	1.7802	0.2815	10.0000	17.0000
Diff (1-2)		-1.4913	1.6997	0.3052		

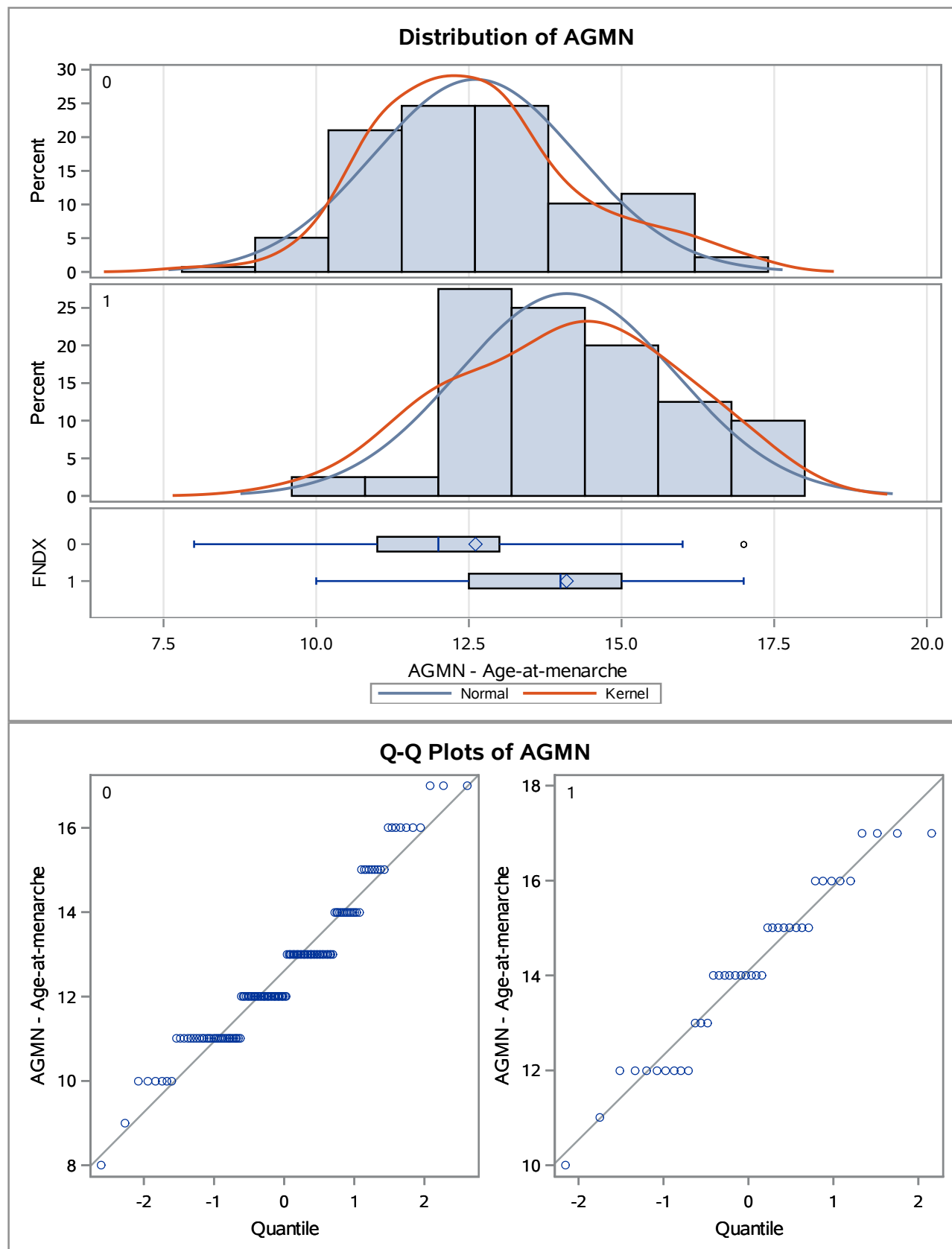
FNDX	Method	Mean	95% CL Mean		Std Dev	95% CL Std Dev	
0		12.6087	12.3266	12.8908	1.6761	1.4989	1.9011
1		14.1000	13.5307	14.6693	1.7802	1.4583	2.2859
Diff (1-2)	Pooled	-1.4913	-2.0937	-0.8889	1.6997	1.5392	1.8979
Diff (1-2)	Satterthwaite	-1.4913	-2.1224	-0.8602			

Method	Variances	DF	t Value	Pr >  t
Pooled	Equal	176	-4.89	<.0001
Satterthwaite	Unequal	60.479	-4.73	<.0001

Equality of Variances				
Method	Num DF	Den DF	F Value	Pr > F
Folded F	39	137	1.13	0.6023

# The TTEST Procedure

Variable: AGMN (AGMN - Age-at-menarche)



### The ANOVA Procedure

Class Level Information		
Class	Levels	Values
FNDX	2	0 1

Number of Observations Read	178
Number of Observations Used	178

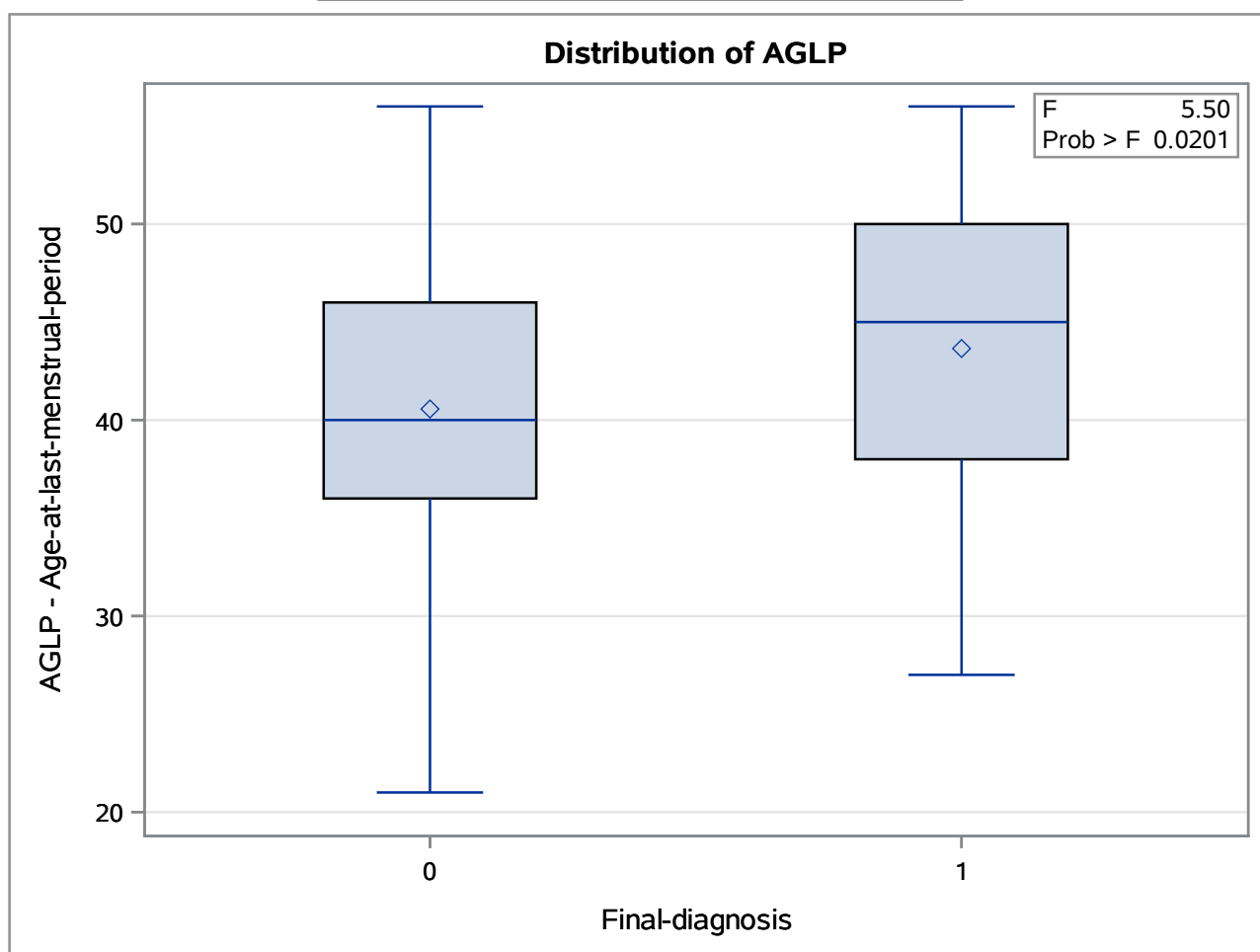
### The ANOVA Procedure

Dependent Variable: AGLP AGLP - Age-at-last-menstrual-period

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	295.099316	295.099316	5.50	0.0201
Error	176	9445.013043	53.664847		
Corrected Total	177	9740.112360			

R-Square	Coeff Var	Root MSE	AGLP Mean
0.030297	17.75547	7.325629	41.25843

Source	DF	Anova SS	Mean Square	F Value	Pr > F
FNDX	1	295.0993161	295.0993161	5.50	0.0201



The ANOVA Procedure

Class Level Information		
Class	Levels	Values
FNDX	2	0 1

Number of Observations Read	178
Number of Observations Used	178



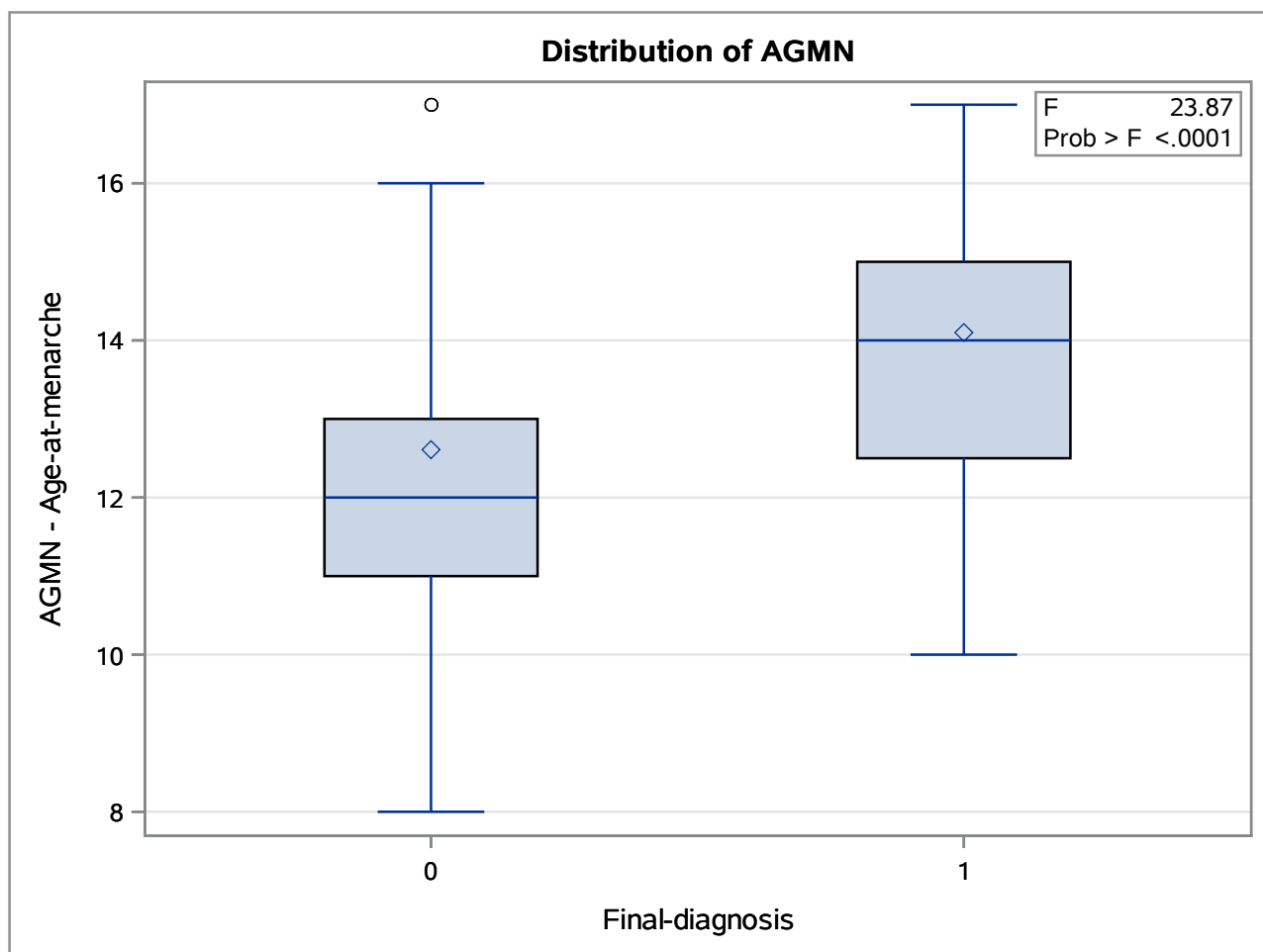
## The ANOVA Procedure

Dependent Variable: AGMN AGMN - Age-at-menarche

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	68.9686370	68.9686370	23.87	<.0001
Error	176	508.4695652	2.8890316		
Corrected Total	177	577.4382022			

R-Square	Coeff Var	Root MSE	AGMN Mean
0.119439	13.13148	1.699715	12.94382

Source	DF	Anova SS	Mean Square	F Value	Pr > F
FNDX	1	68.96863703	68.96863703	23.87	<.0001



**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: AGLP AGLP - Age-at-last-menstrual-period**

Number of Observations Read	178
Number of Observations Used	178

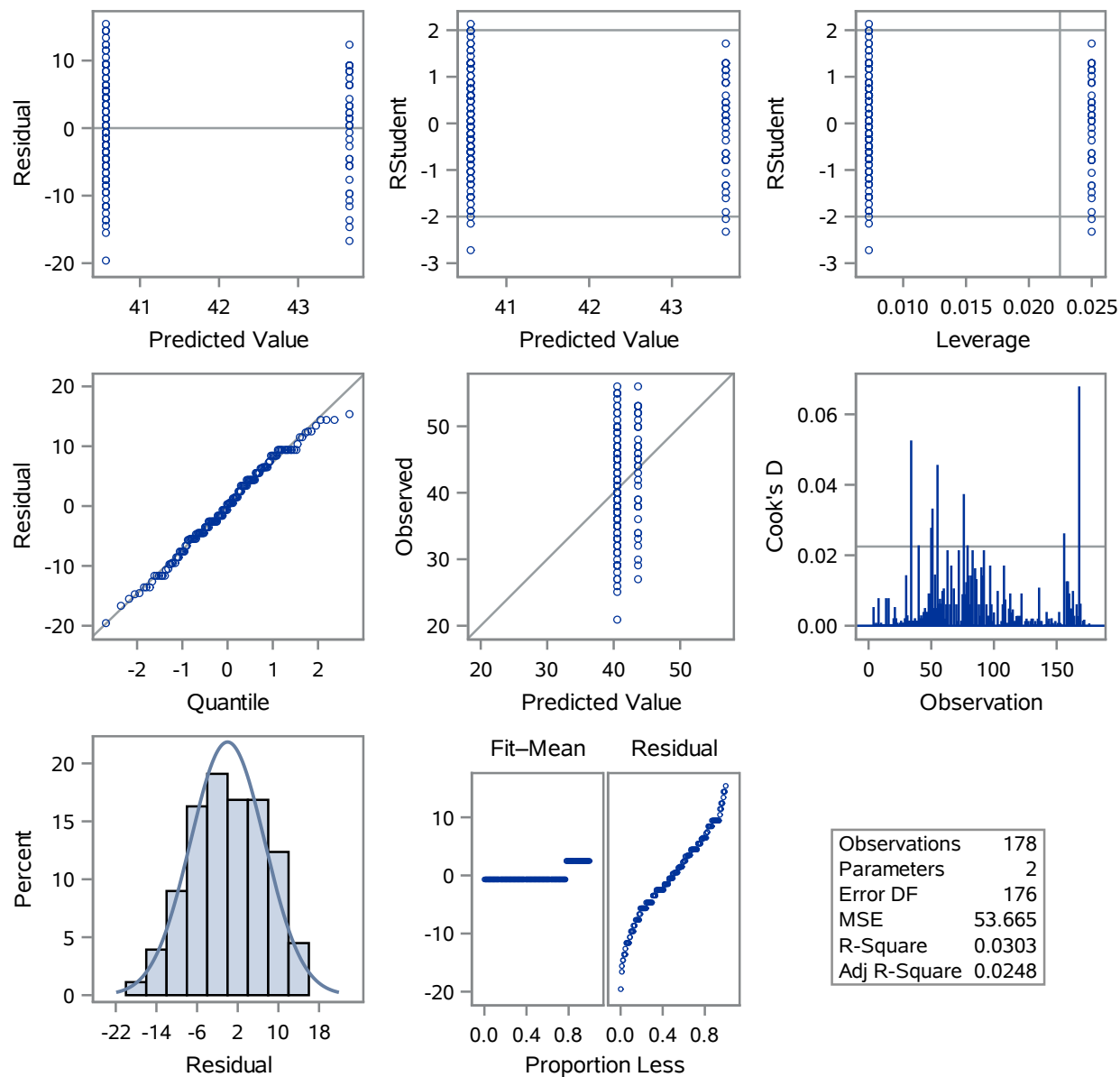
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	295.09932	295.09932	5.50	0.0201
Error	176	9445.01304	53.66485		
Corrected Total	177	9740.11236			

Root MSE	7.32563	R-Square	0.0303
Dependent Mean	41.25843	Adj R-Sq	0.0248
Coeff Var	17.75547		

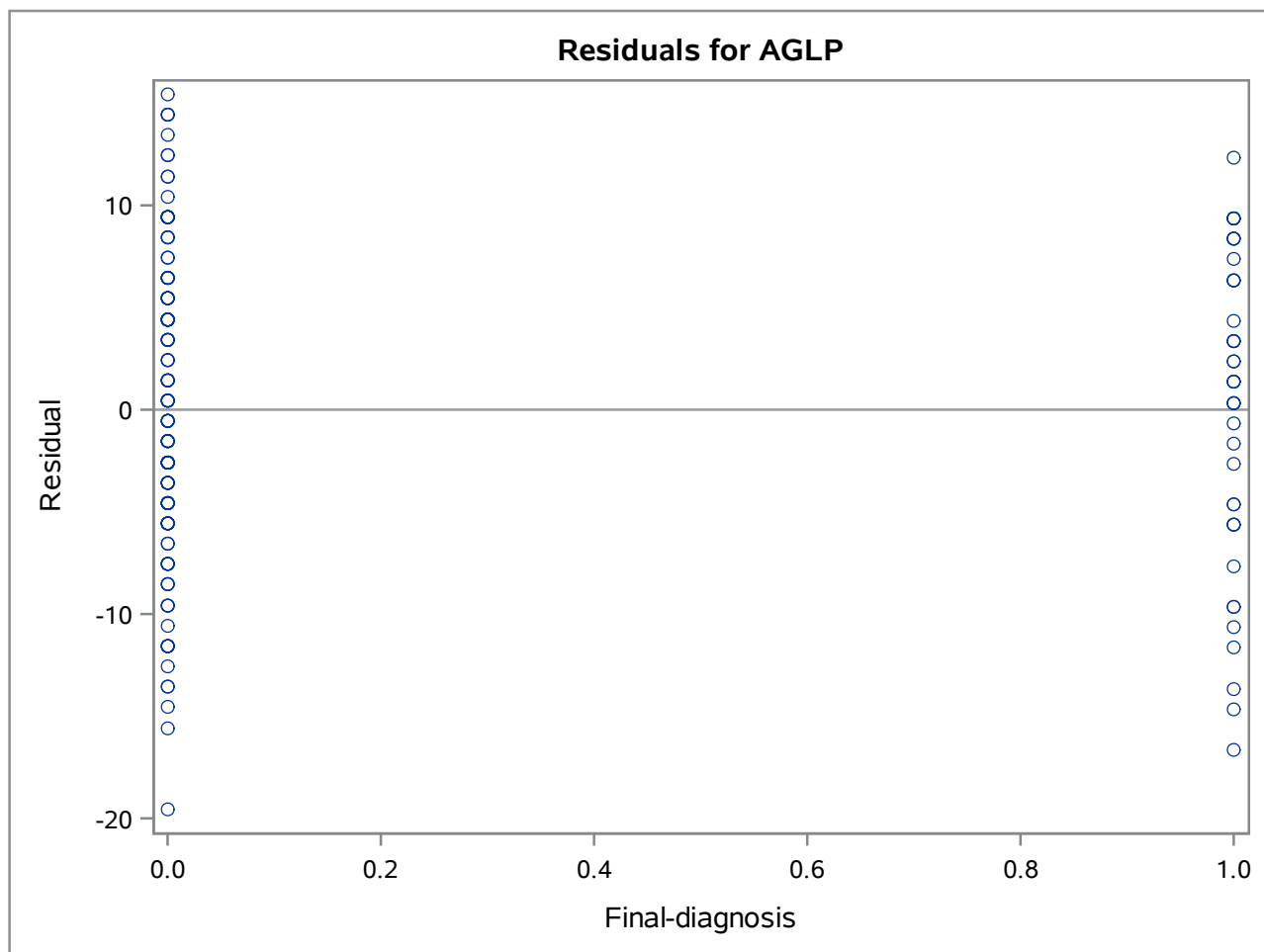
Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
Intercept	Intercept	1	40.56522	0.62360	65.05	<.0001
FNDX	Final-diagnosis	1	3.08478	1.31548	2.34	0.0201

**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: AGLP AGLP - Age-at-last-menstrual-period**

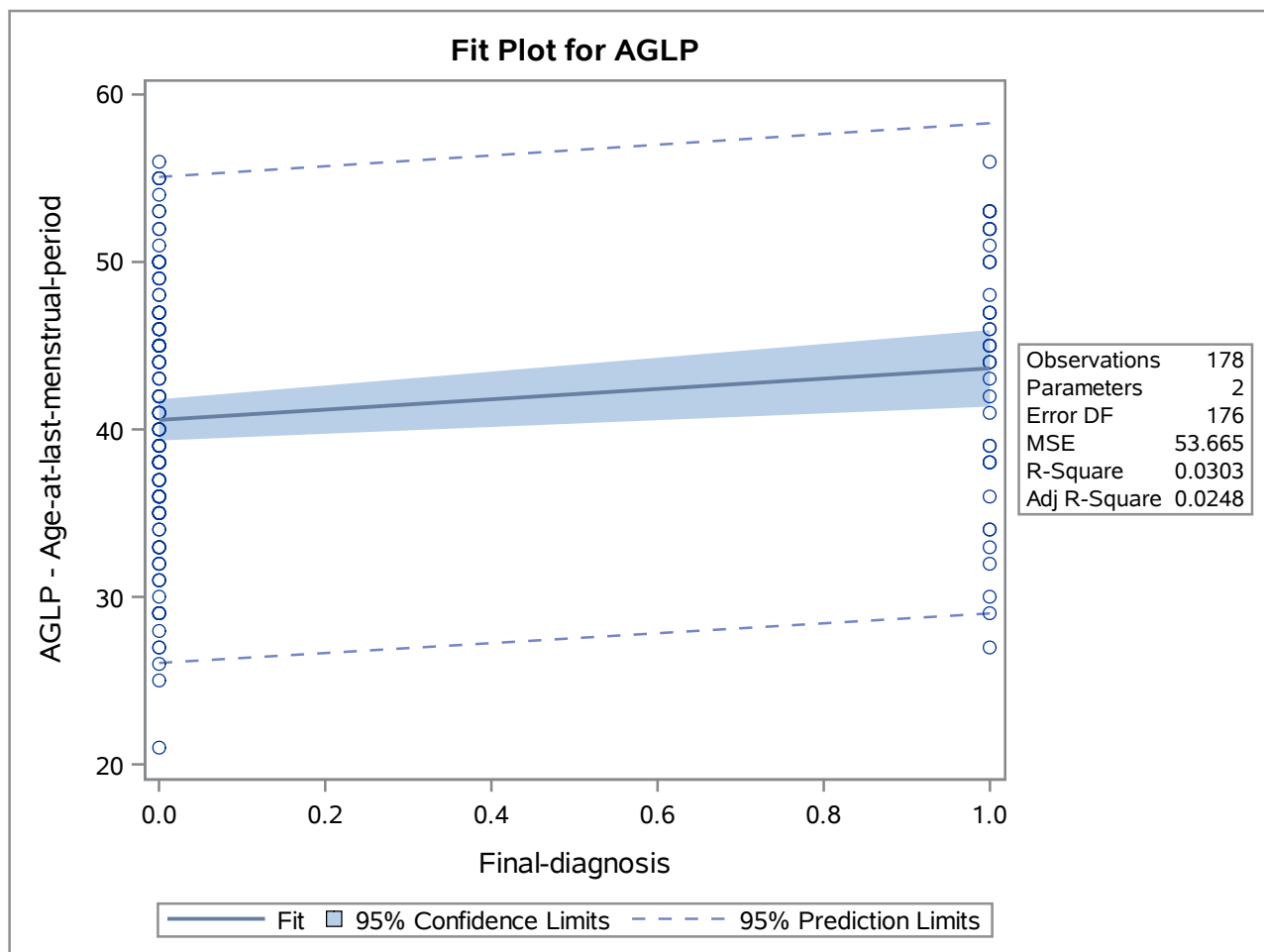
**Fit Diagnostics for AGLP**



The REG Procedure  
Model: MODEL1  
Dependent Variable: AGLP AGLP - Age-at-last-menstrual-period



The REG Procedure  
Model: MODEL1  
Dependent Variable: AGLP AGLP - Age-at-last-menstrual-period



**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: AGMN AGMN - Age-at-menarche**

Number of Observations Read	178
Number of Observations Used	178

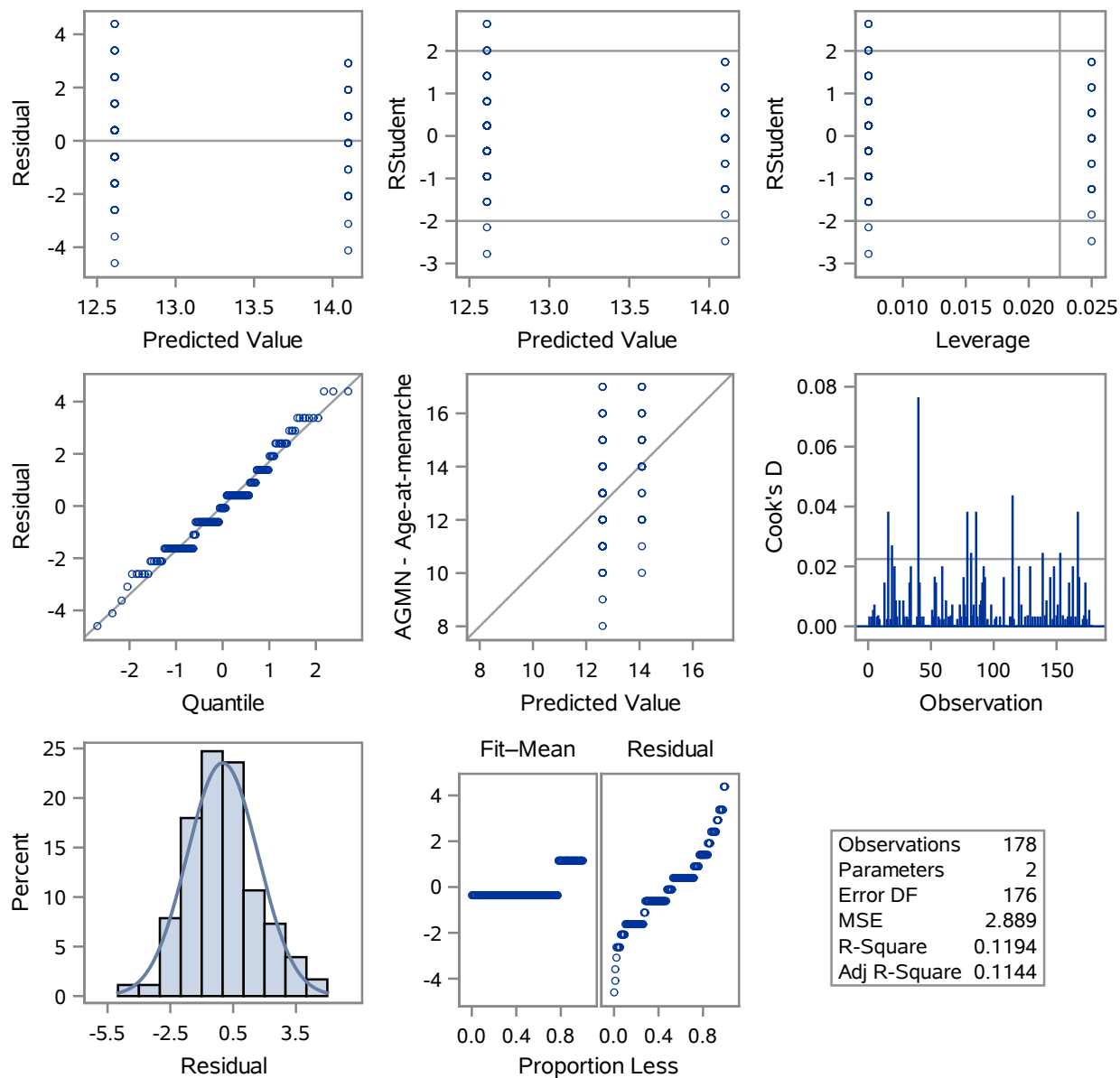
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	68.96864	68.96864	23.87	<.0001
Error	176	508.46957	2.88903		
Corrected Total	177	577.43820			

Root MSE	1.69972	R-Square	0.1194
Dependent Mean	12.94382	Adj R-Sq	0.1144
Coeff Var	13.13148		

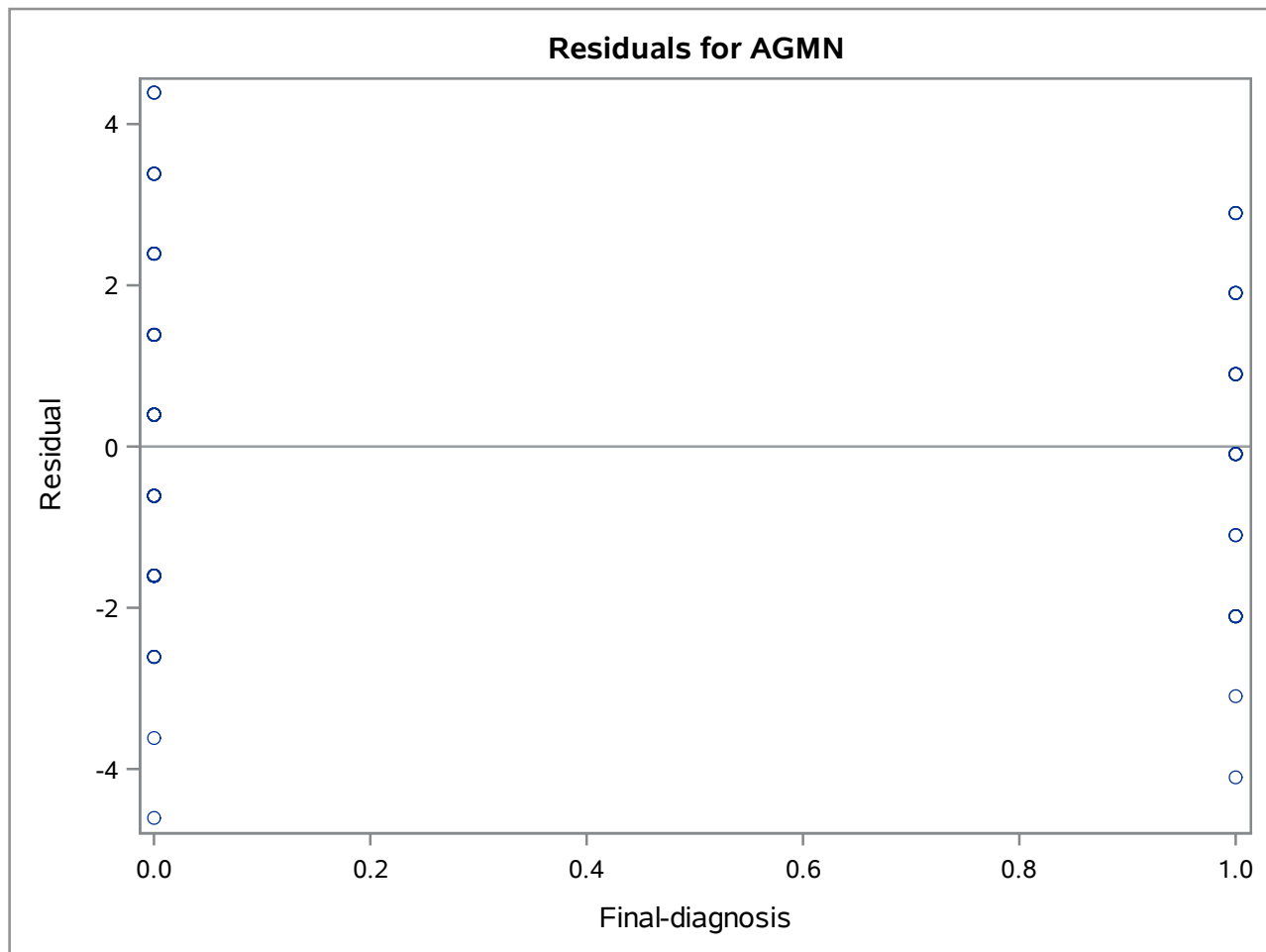
Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
Intercept	Intercept	1	12.60870	0.14469	87.14	<.0001
FNDX	Final-diagnosis	1	1.49130	0.30522	4.89	<.0001

**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: AGMN AGMN - Age-at-menarche**

**Fit Diagnostics for AGMN**

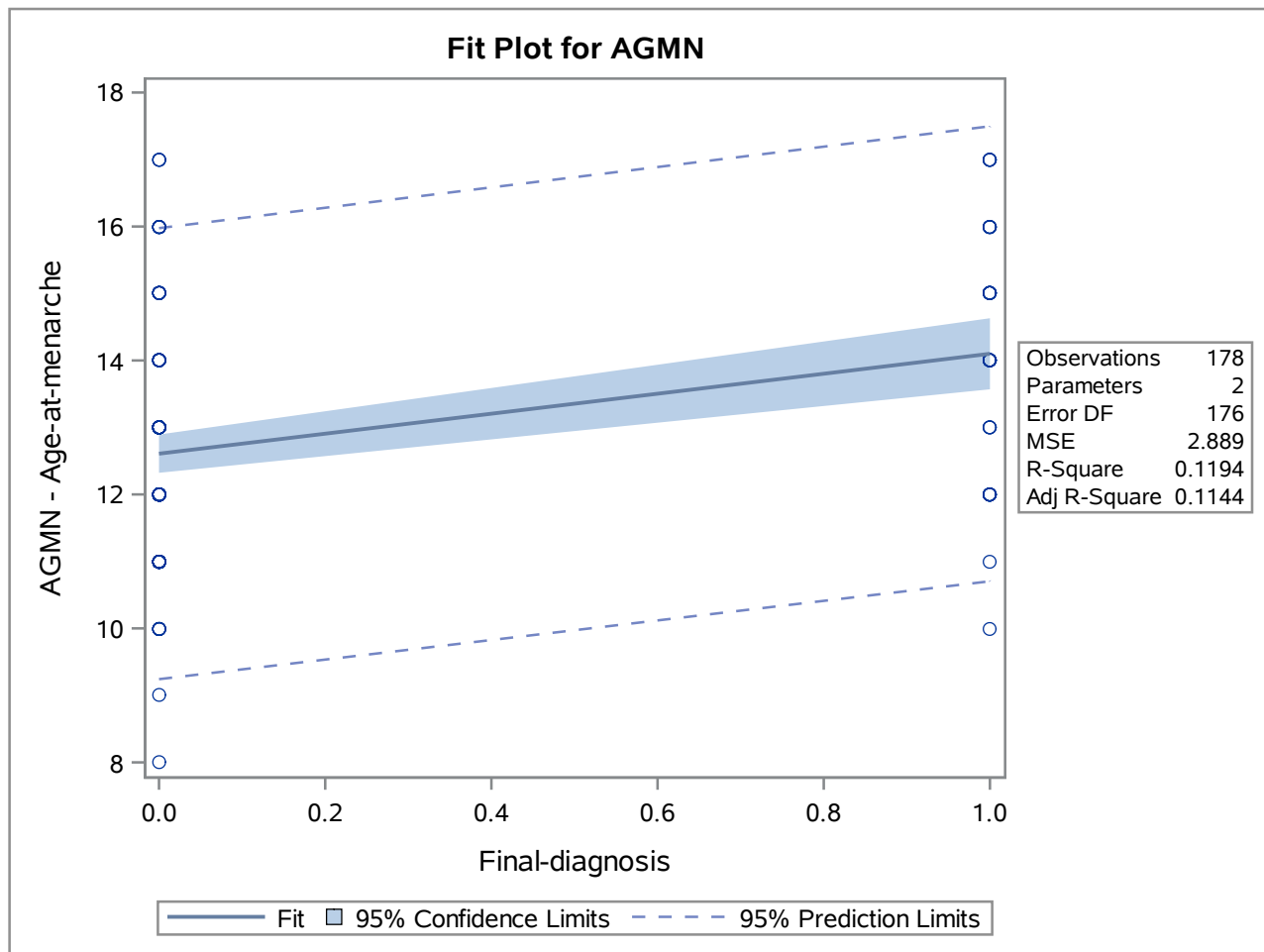


The REG Procedure  
Model: MODEL1  
Dependent Variable: AGMN AGMN - Age-at-menarche





The REG Procedure  
Model: MODEL1  
Dependent Variable: AGMN AGMN - Age-at-menarche



### The PRINCOMP Procedure

<b>Observations</b>	178
<b>Variables</b>	7

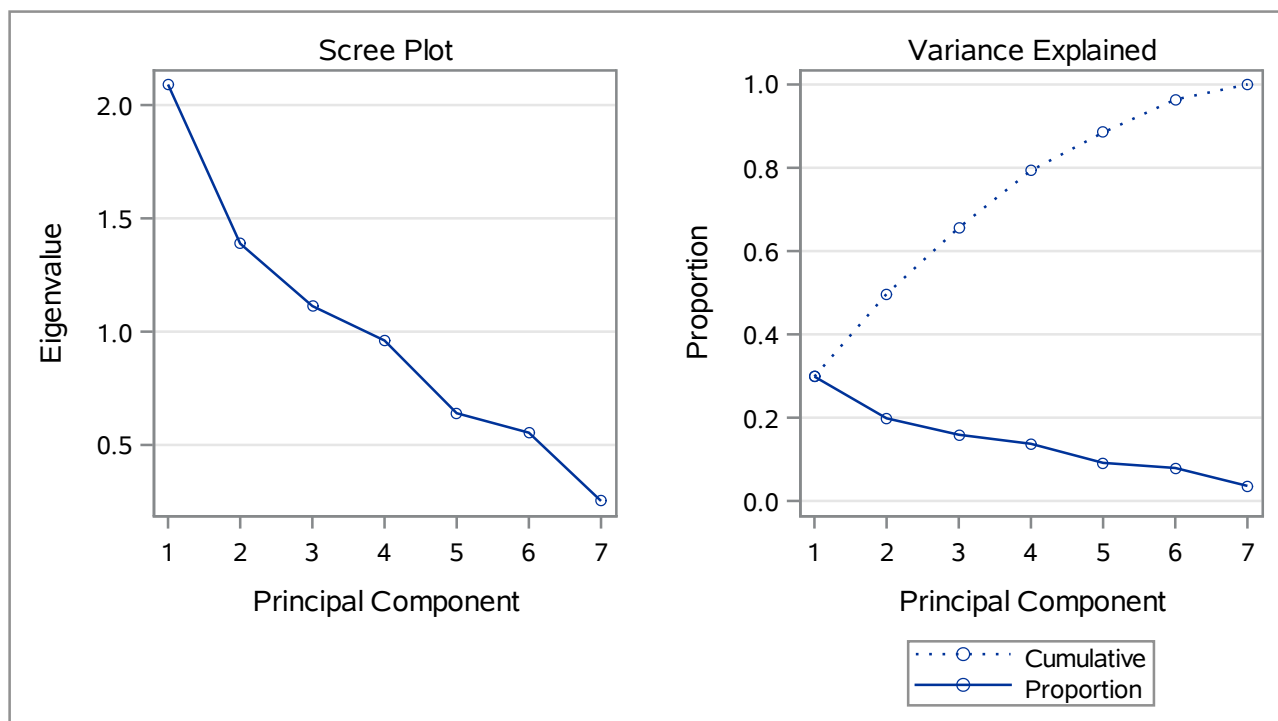
Simple Statistics							
	AGMT	AGP1	AGMN	NLV	LIV	WT	AGLP
<b>Mean</b>	45.90449438	23.57865169	12.94382022	0.5168539326	2.853932584	144.5674157	41.25842697
<b>StD</b>	10.11218888	4.05847017	1.80620119	0.9638946370	1.544449232	30.7354018	7.41814555

Correlation Matrix								
		AGMT	AGP1	AGMN	NLV	LIV	WT	AGLP
<b>AGMT</b>	AGMT - Age-of-the-subject	1.0000	0.2624	0.1361	-.0650	0.1894	0.0425	0.7387
<b>AGP1</b>	AGP1 - Age-at-first-pregnancy	0.2624	1.0000	0.1833	-.1592	-.1793	-.1700	0.2784
<b>AGMN</b>	AGMN - Age-at-menarche	0.1361	0.1833	1.0000	-.0579	0.1388	-.3110	0.1862
<b>NLV</b>	NLV - Number-stillbirths-miscarriage	-.0650	-.1592	-.0579	1.0000	-.0325	0.0295	-.1239
<b>LIV</b>	LIV - Number-of-live-birth	0.1894	-.1793	0.1388	-.0325	1.0000	0.0873	0.2632
<b>WT</b>	WT - Weight-of-the-subject	0.0425	-.1700	-.3110	0.0295	0.0873	1.0000	0.0065
<b>AGLP</b>	AGLP - Age-at-last-menstrual-period	0.7387	0.2784	0.1862	-.1239	0.2632	0.0065	1.0000

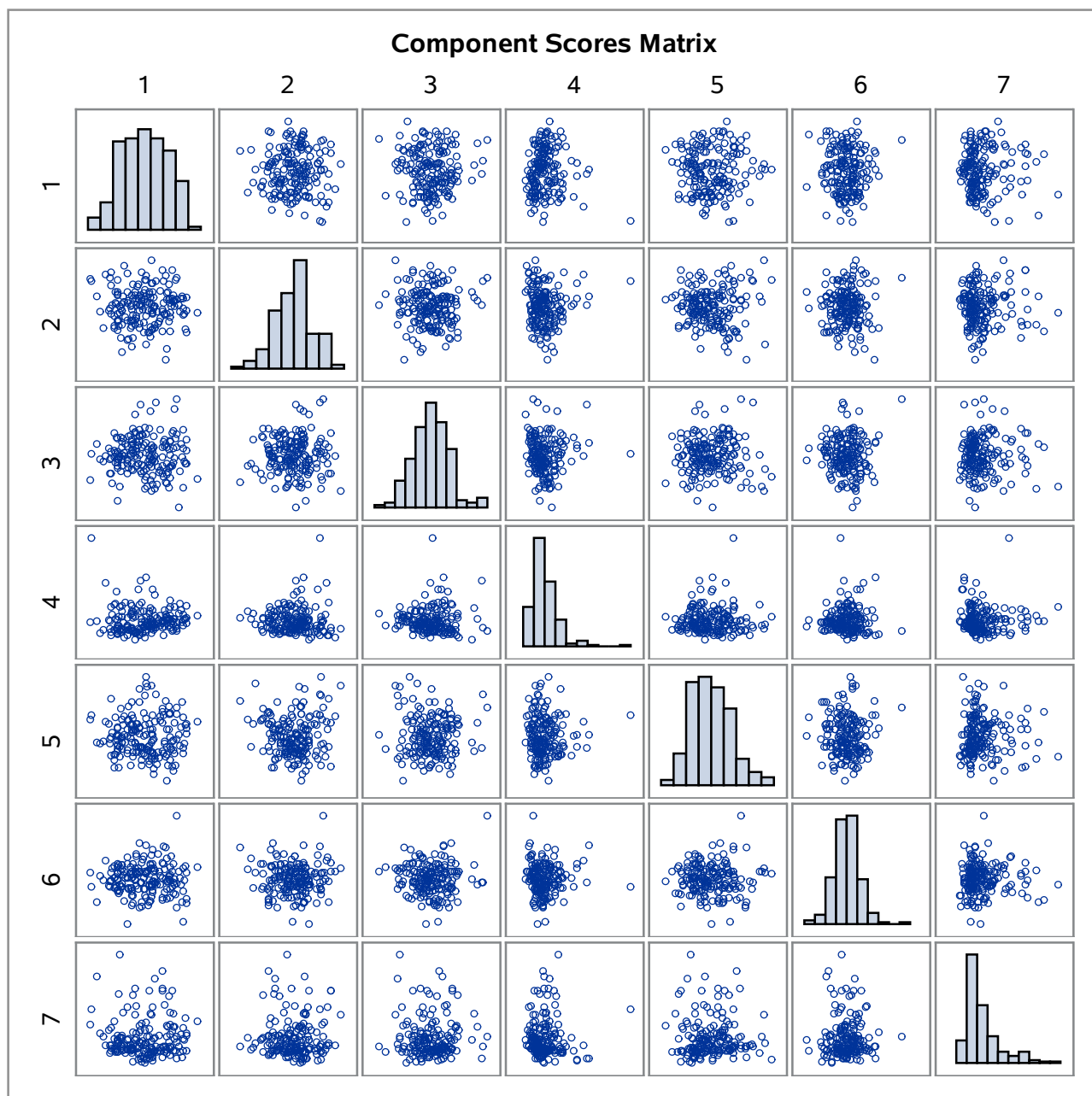
Eigenvalues of the Correlation Matrix				
	Eigenvalue	Difference	Proportion	Cumulative
<b>1</b>	2.09069203	0.70219195	0.2987	0.2987
<b>2</b>	1.38850008	0.27548200	0.1984	0.4970
<b>3</b>	1.11301808	0.15228691	0.1590	0.6560
<b>4</b>	0.96073116	0.32071060	0.1372	0.7933
<b>5</b>	0.64002056	0.08583983	0.0914	0.8847
<b>6</b>	0.55418073	0.30132337	0.0792	0.9639
<b>7</b>	0.25285736		0.0361	1.0000

Eigenvectors								
		Prin1	Prin2	Prin3	Prin4	Prin5	Prin6	Prin7
<b>AGMT</b>	AGMT - Age-of-the-subject	0.575872	0.224009	-.144032	0.211941	-.186619	-.241356	0.677826
<b>AGP1</b>	AGP1 - Age-at-first-pregnancy	0.348114	-.412093	-.430844	0.105118	0.342179	0.627768	0.033759
<b>AGMN</b>	AGMN - Age-at-menarche	0.300189	-.386221	0.523768	-.023502	0.585988	-.376984	0.018347
<b>NLV</b>	NLV - Number-stillbirths-miscarriage	-.179068	0.136178	0.246864	0.923725	0.097673	0.152781	-.047951
<b>LIV</b>	LIV - Number-of-live-birth	0.223957	0.427072	0.582342	-.269294	0.011932	0.589587	0.089756
<b>WT</b>	WT - Weight-of-the-subject	-.100735	0.623784	-.337345	-.074240	0.682169	-.124218	-.025452
<b>AGLP</b>	AGLP - Age-at-last-menstrual-period	0.603908	0.201969	-.073685	0.110367	-.172244	-.138390	-.726686

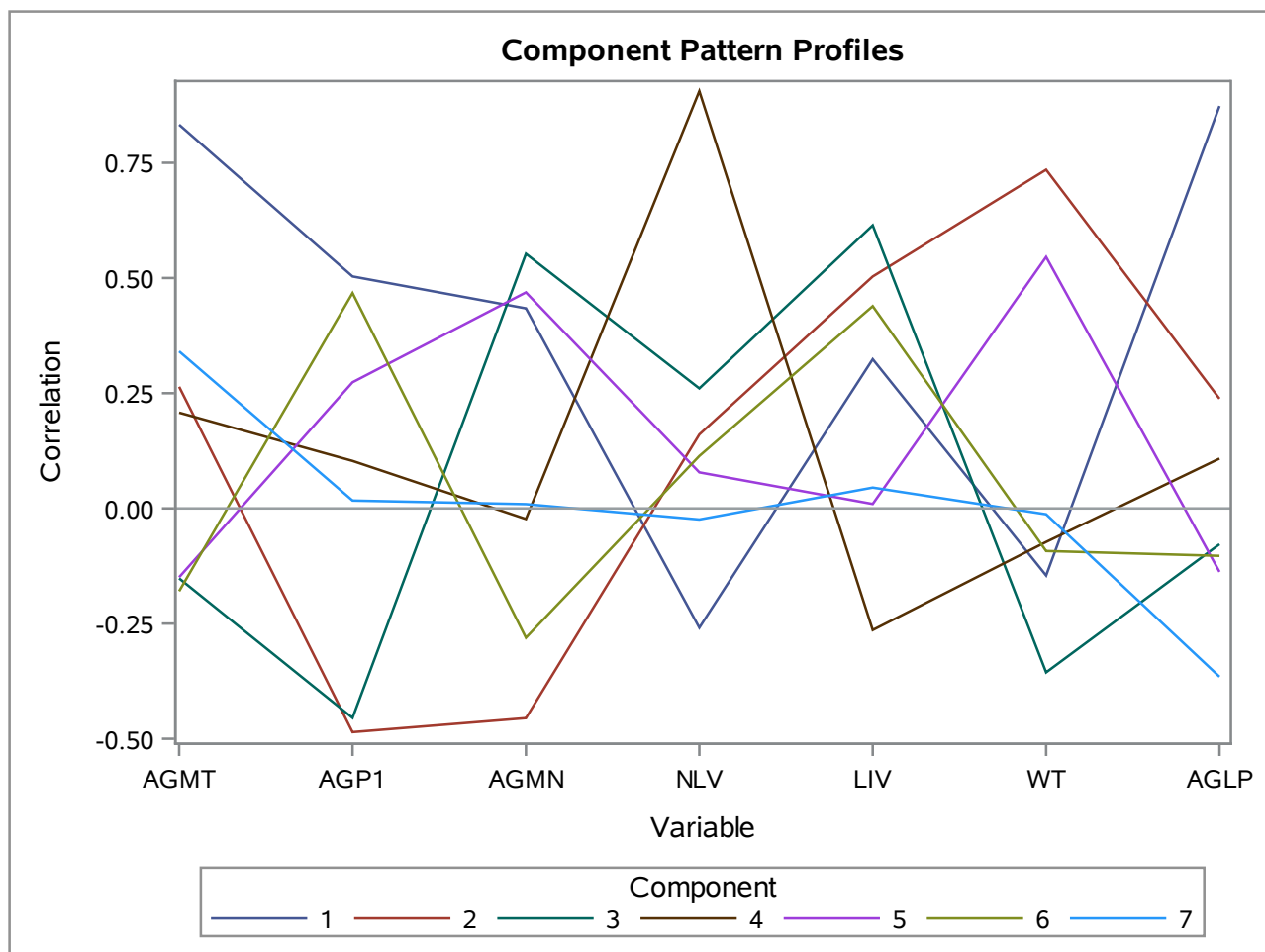
## The PRINCOMP Procedure



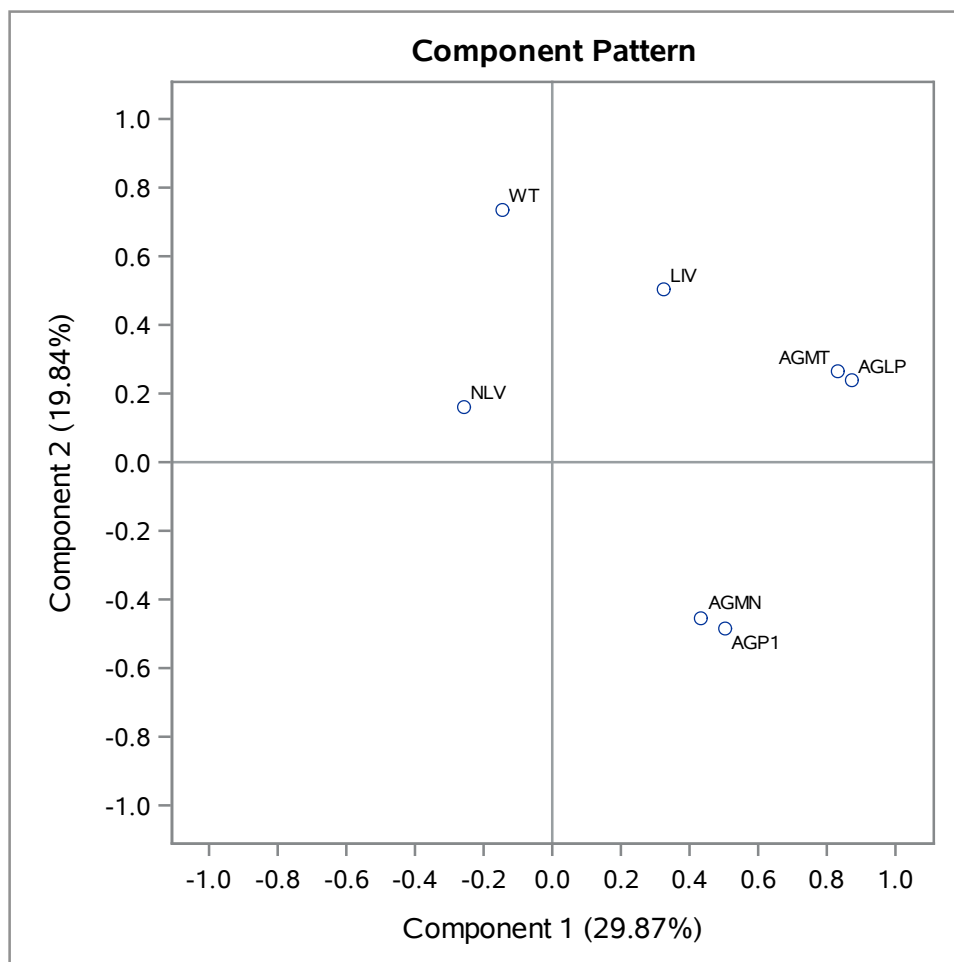
## The PRINCOMP Procedure



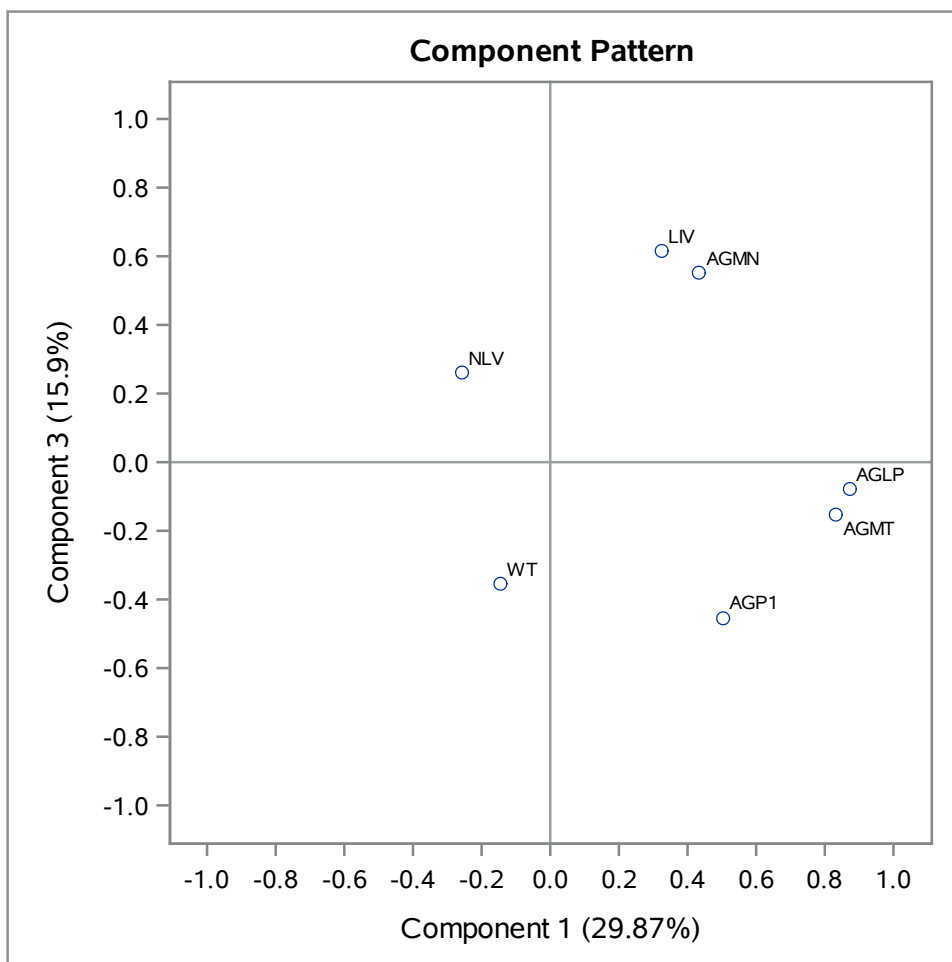
## The PRINCOMP Procedure



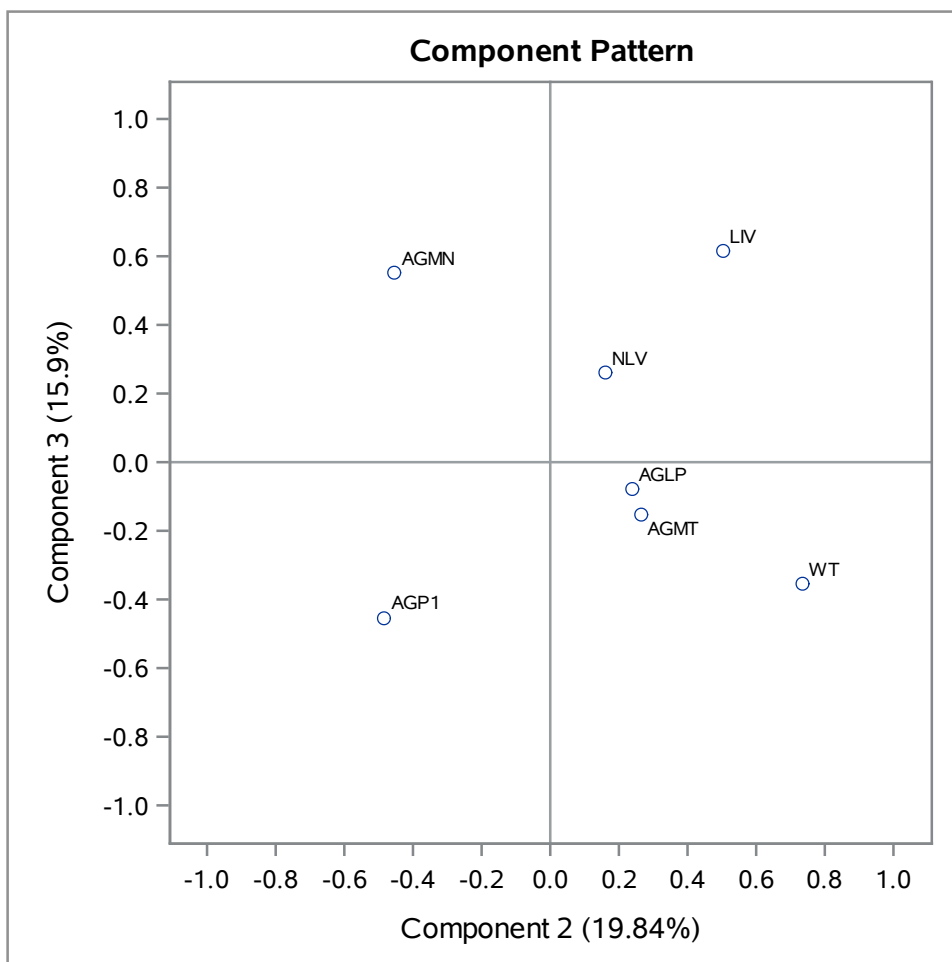
## The PRINCOMP Procedure



## The PRINCOMP Procedure

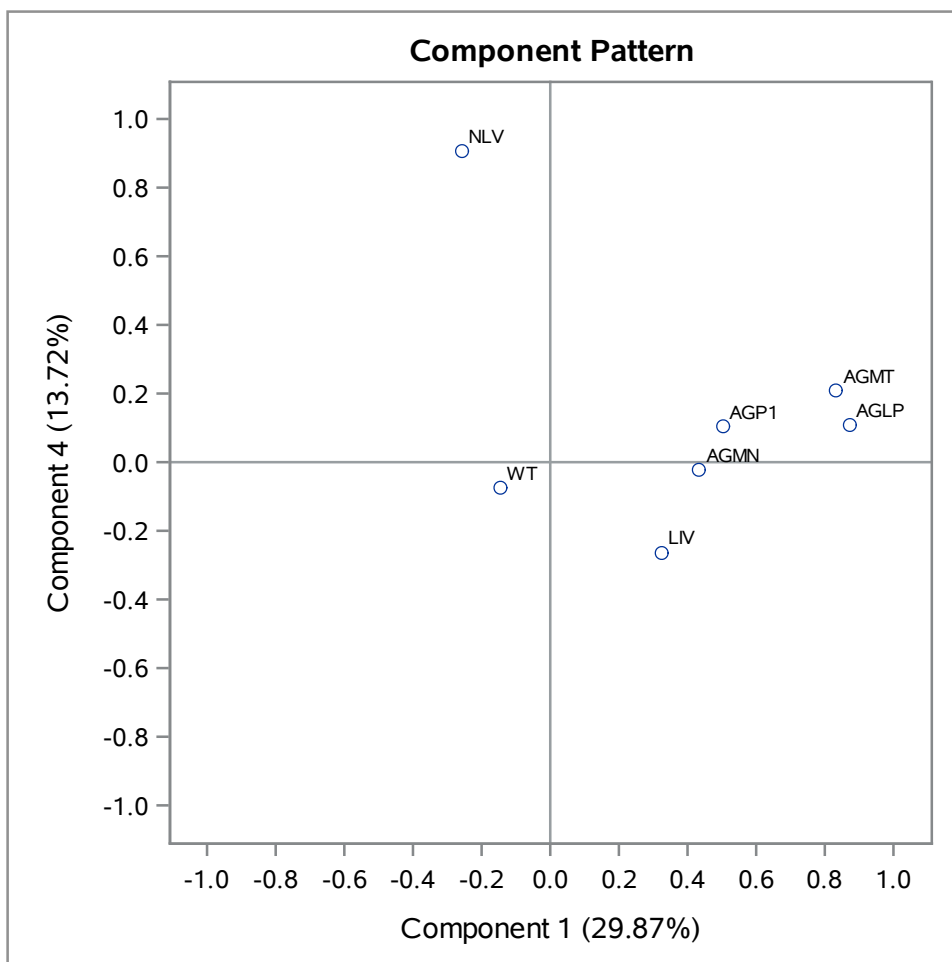


## The PRINCOMP Procedure

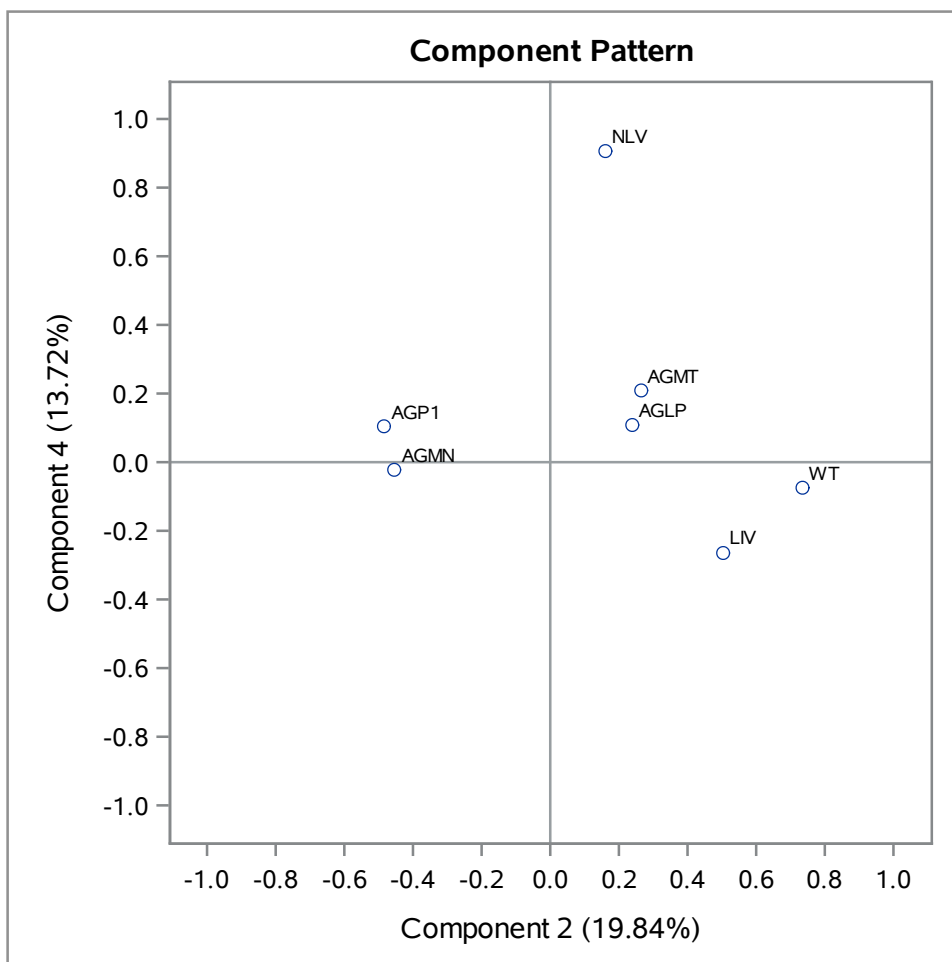




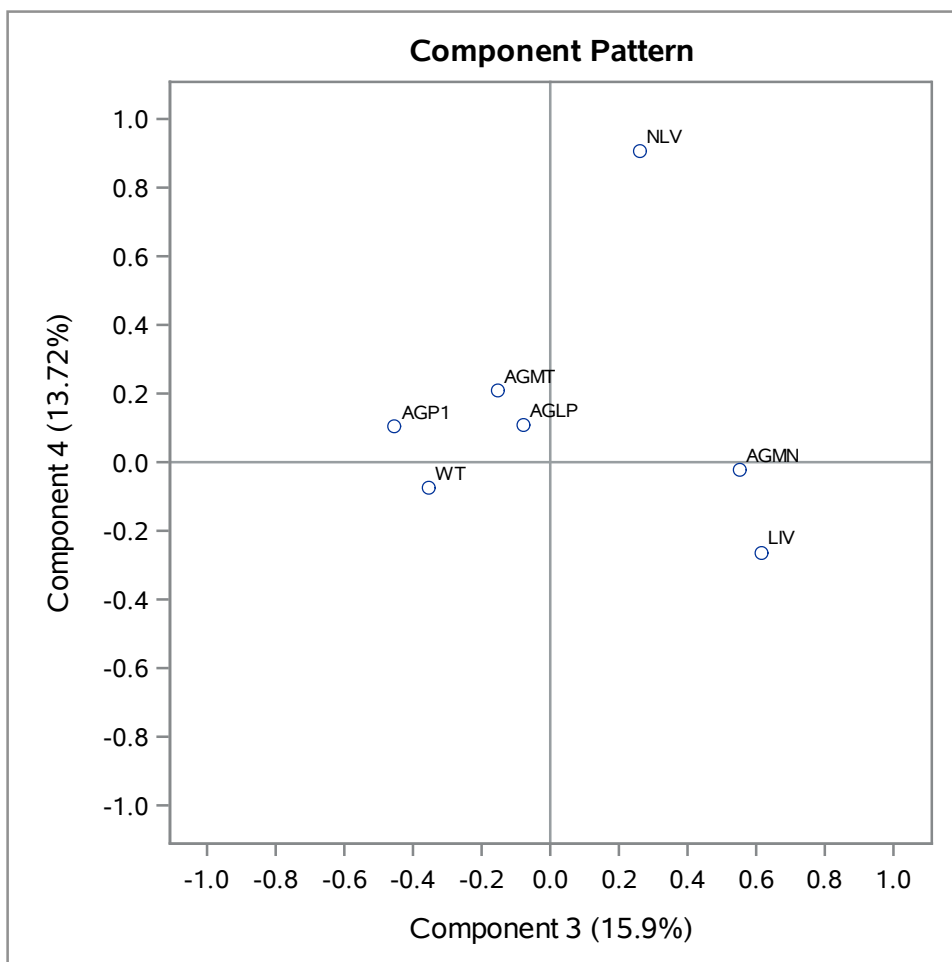
## The PRINCOMP Procedure



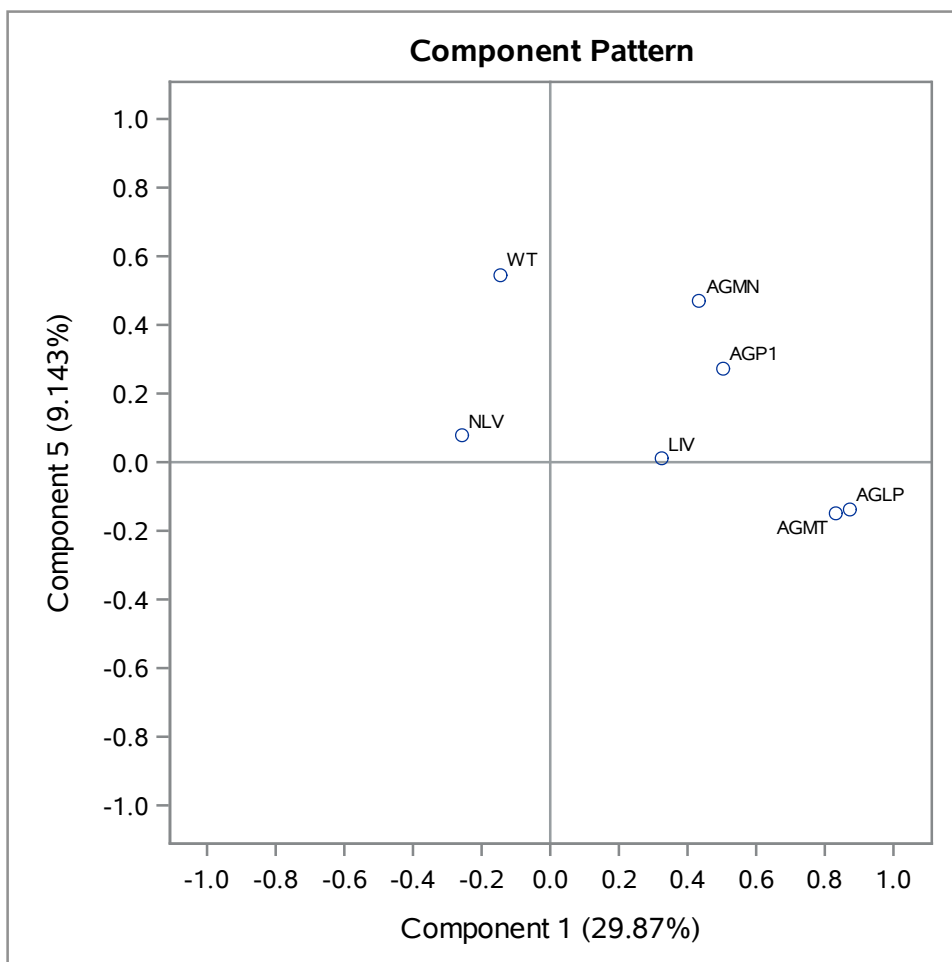
## The PRINCOMP Procedure



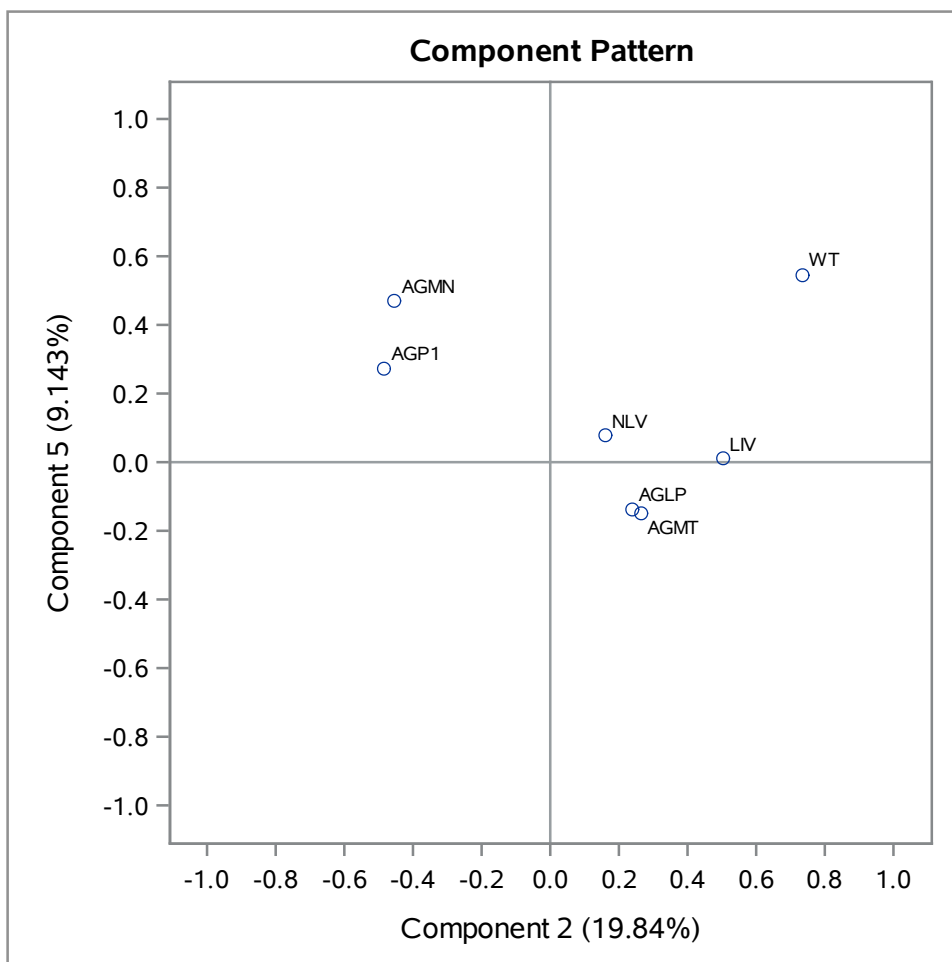
## The PRINCOMP Procedure



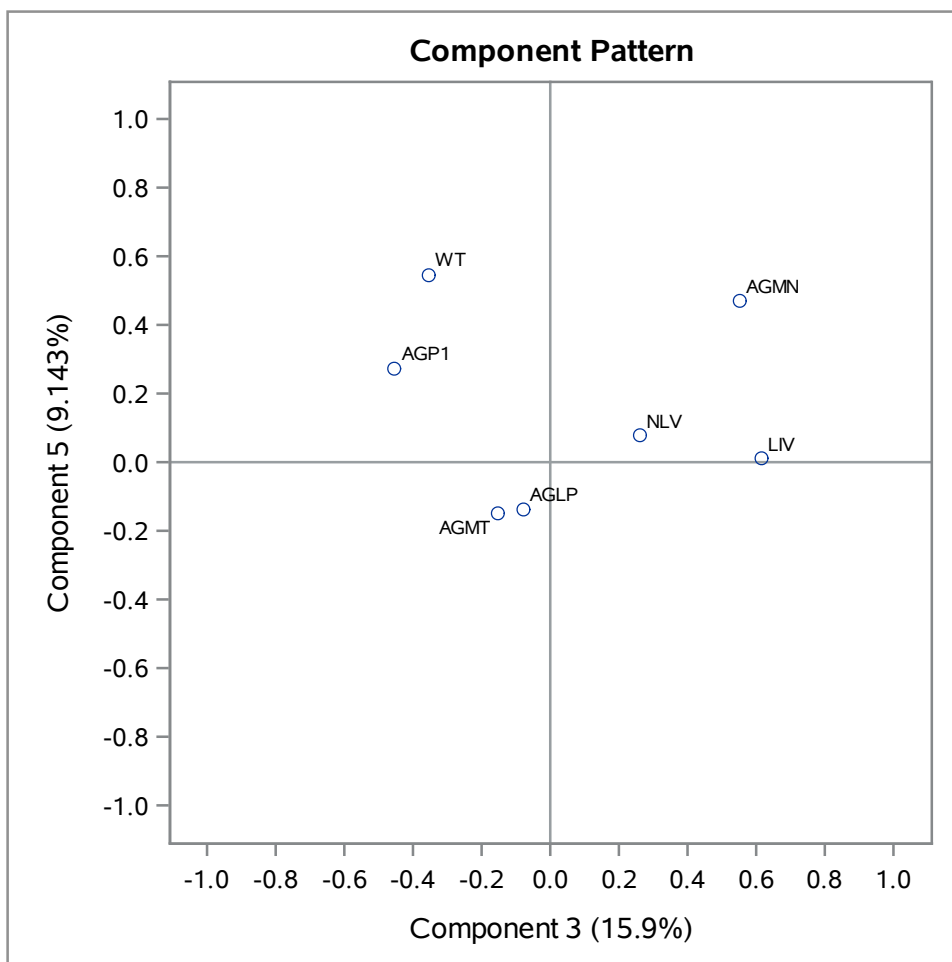
## The PRINCOMP Procedure



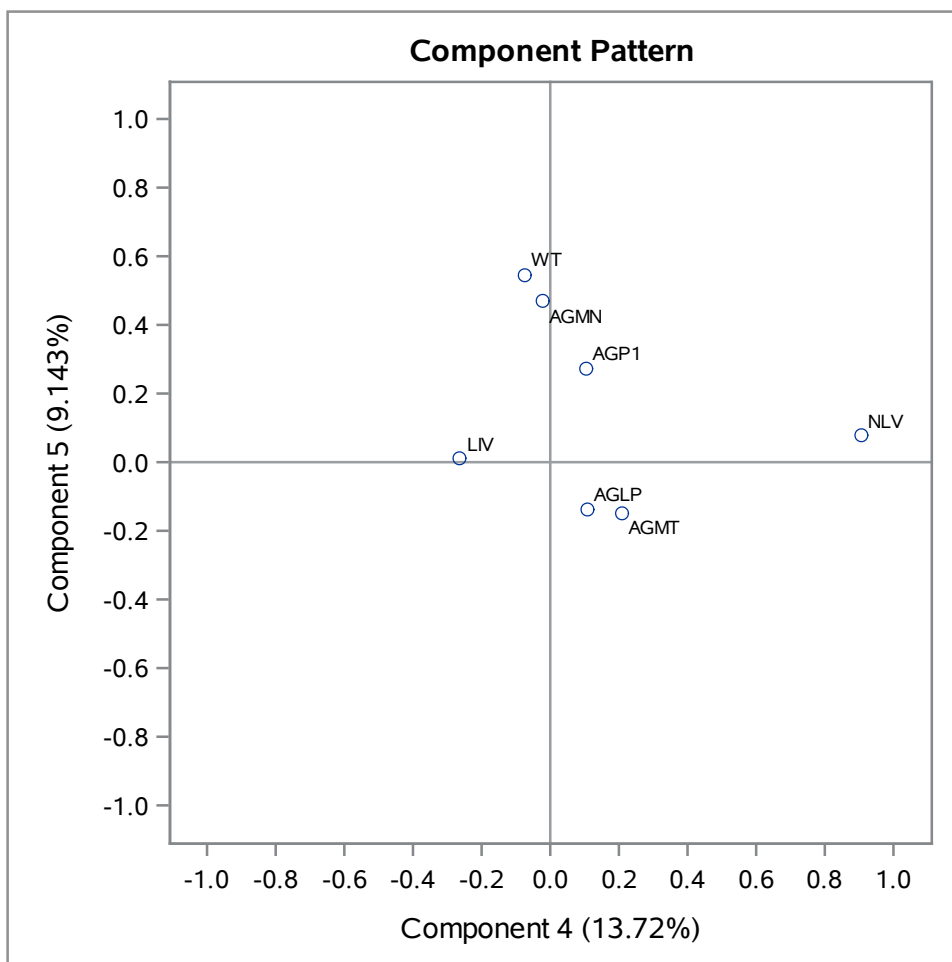
## The PRINCOMP Procedure



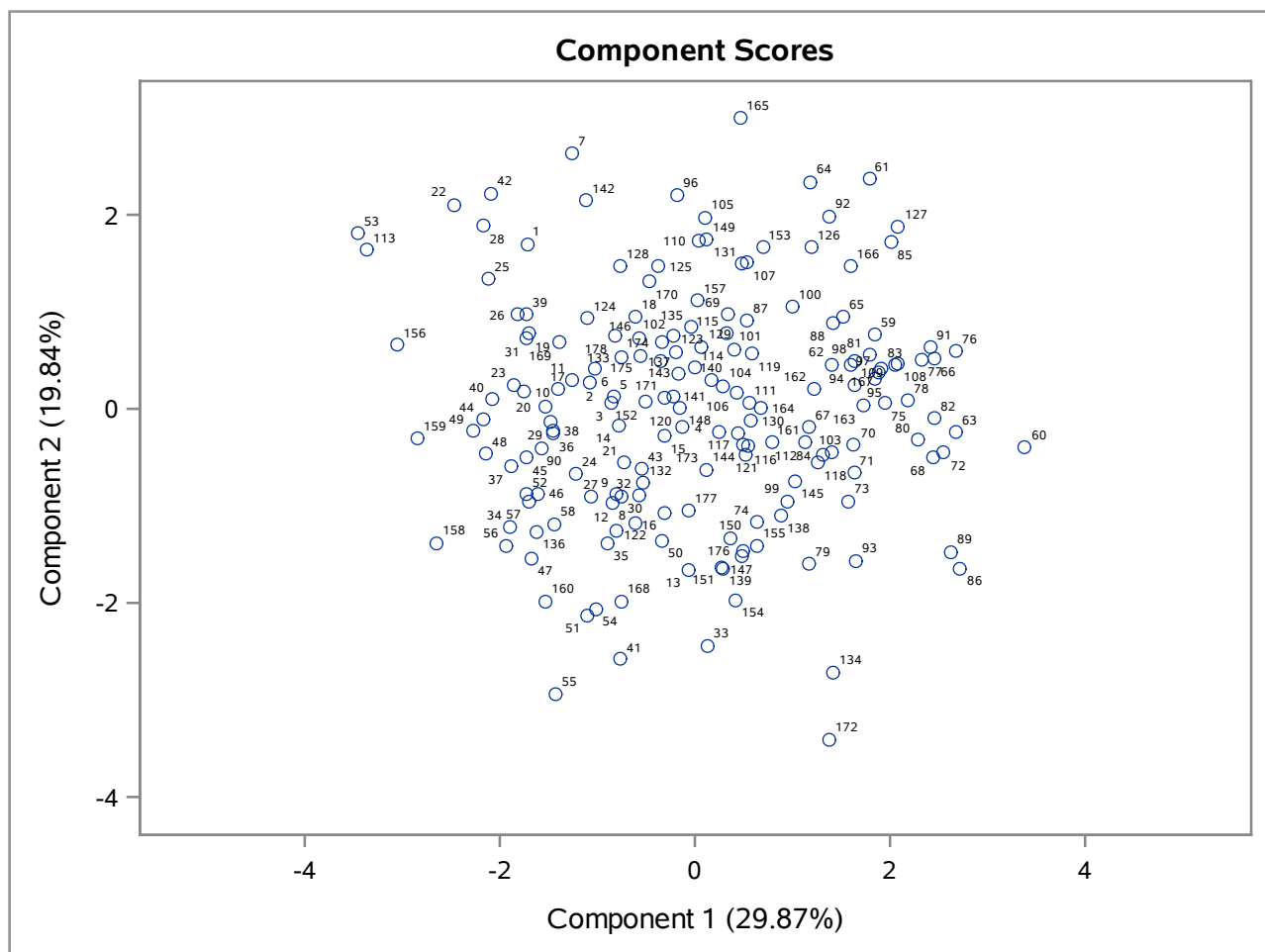
## The PRINCOMP Procedure



## The PRINCOMP Procedure

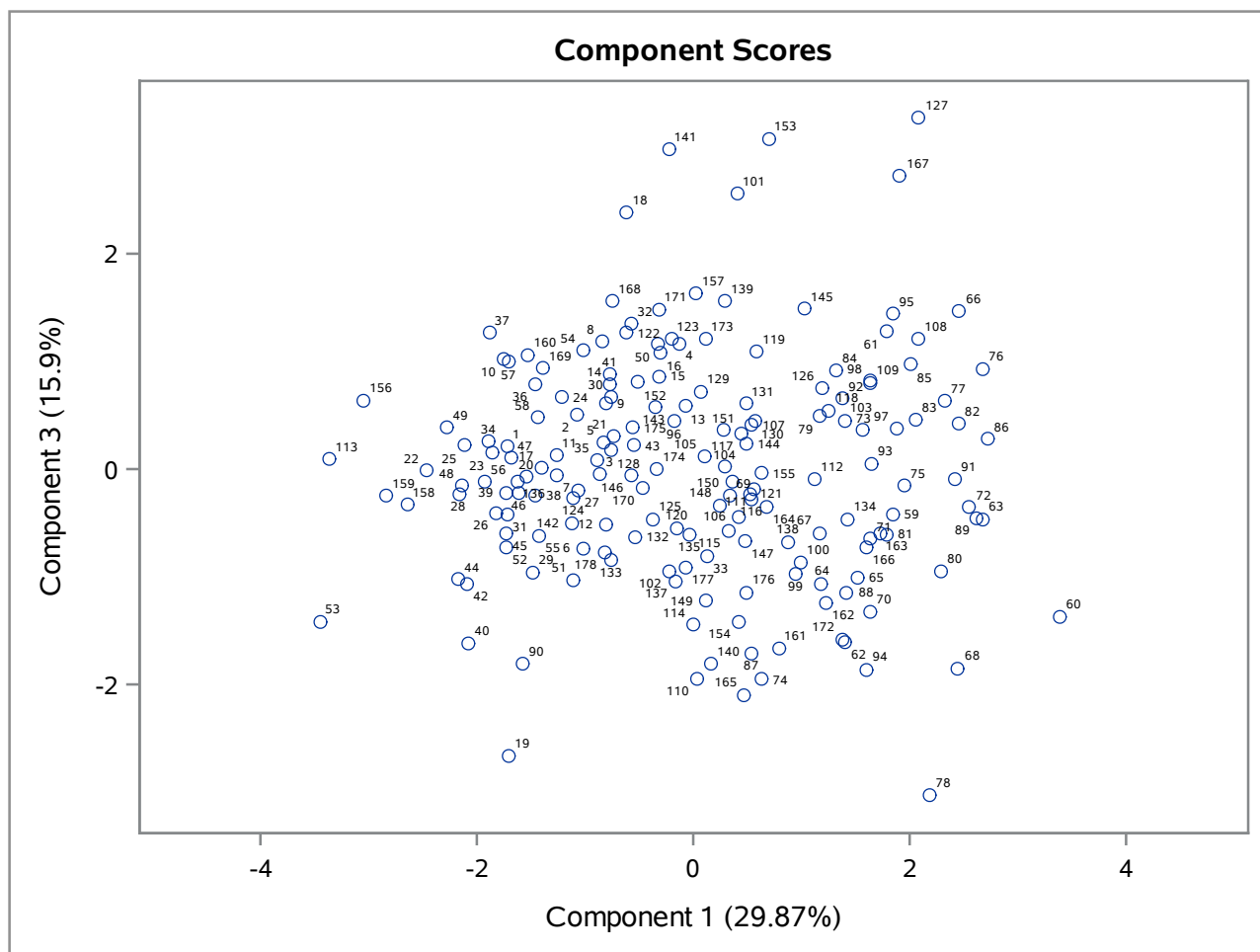


## The PRINCOMP Procedure

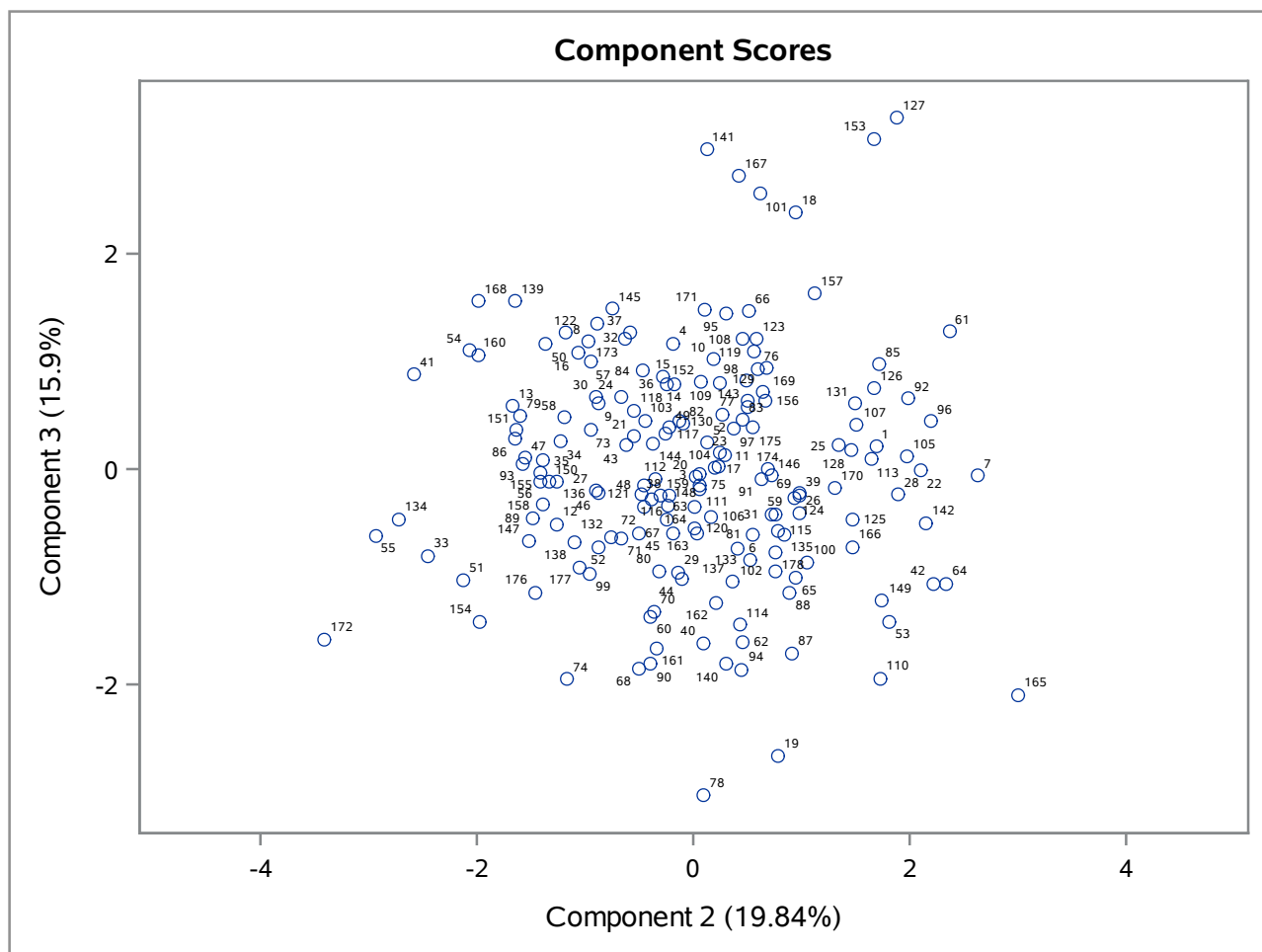




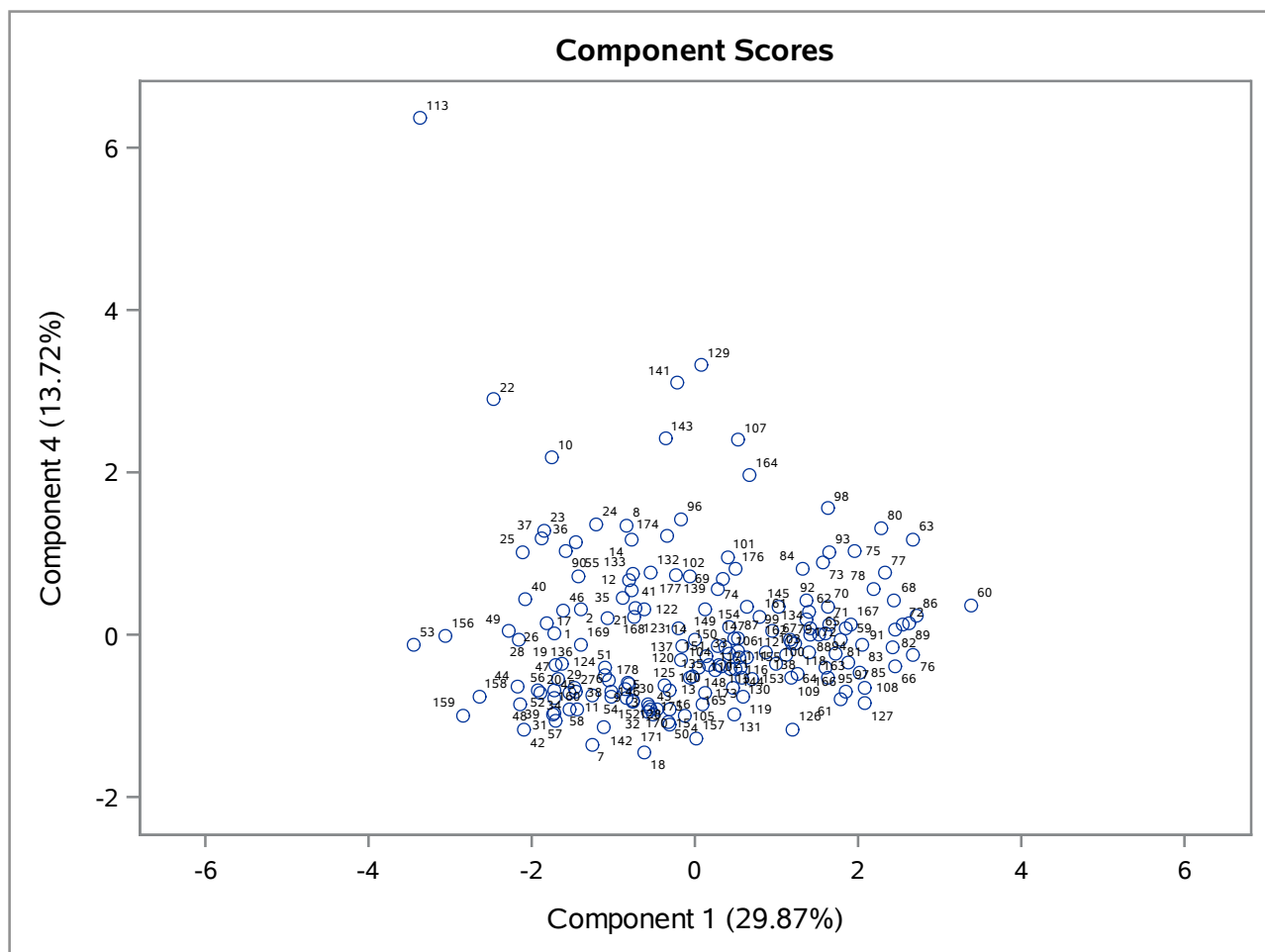
## The PRINCOMP Procedure



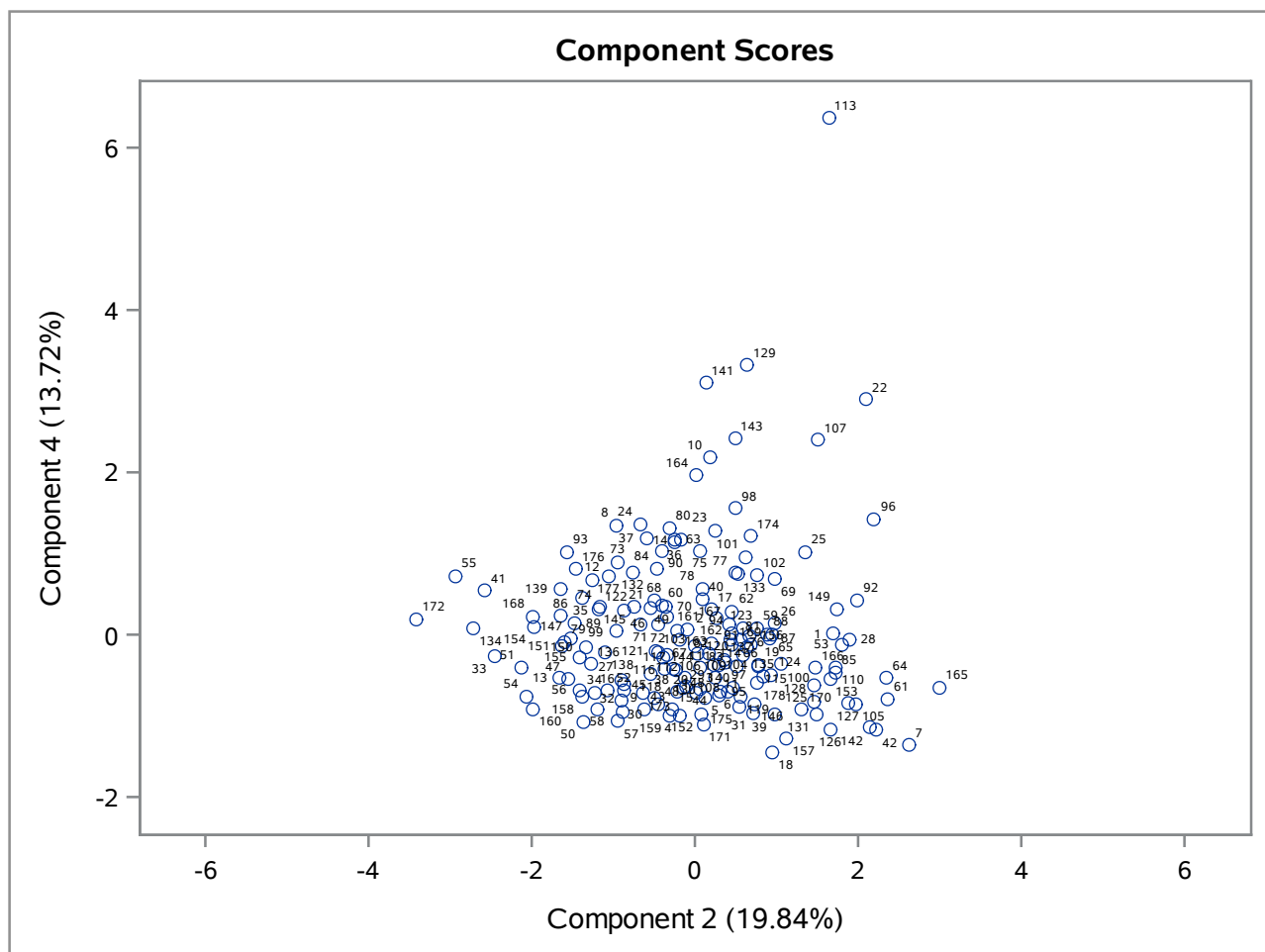
## The PRINCOMP Procedure

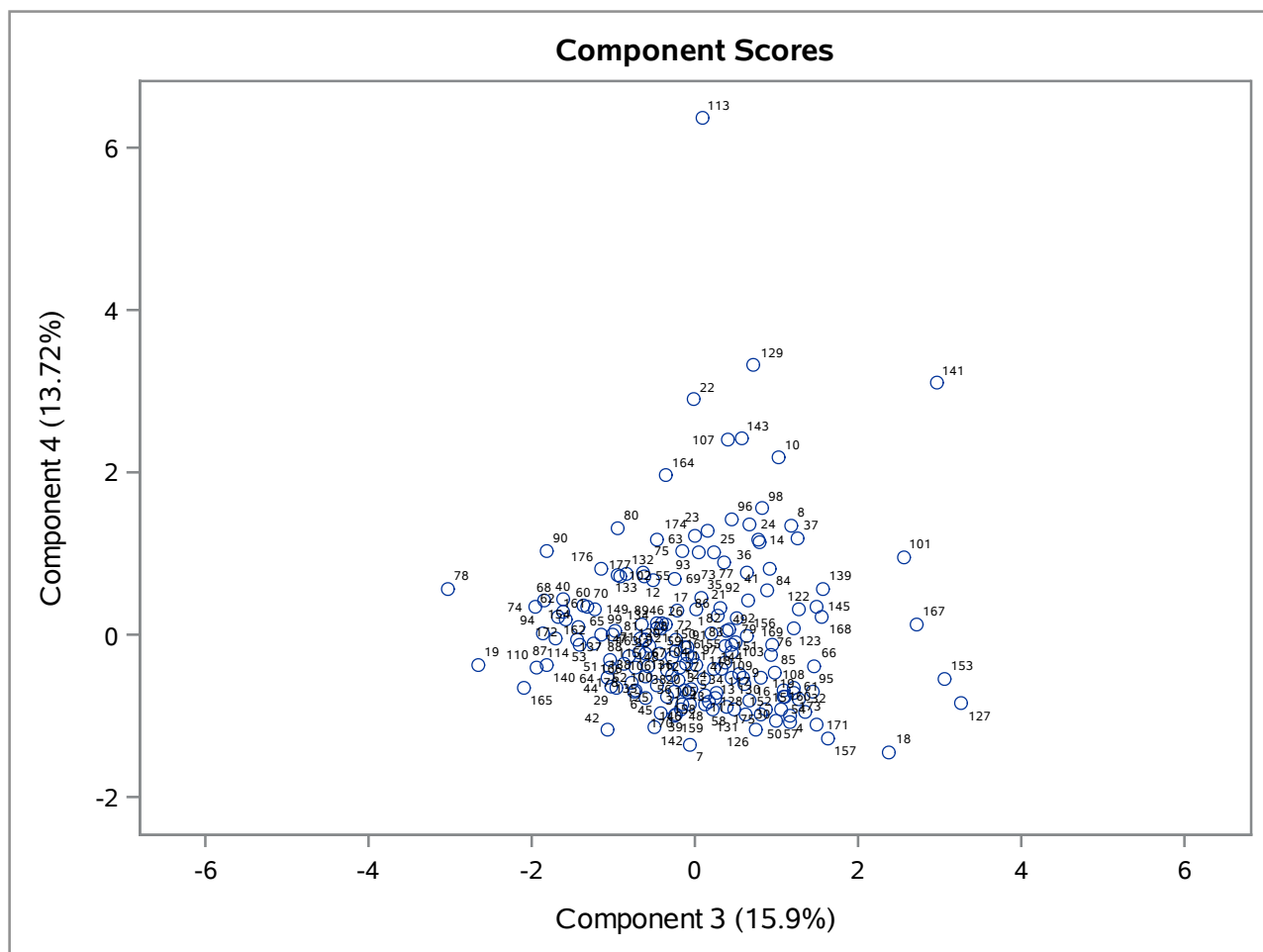


## The PRINCOMP Procedure

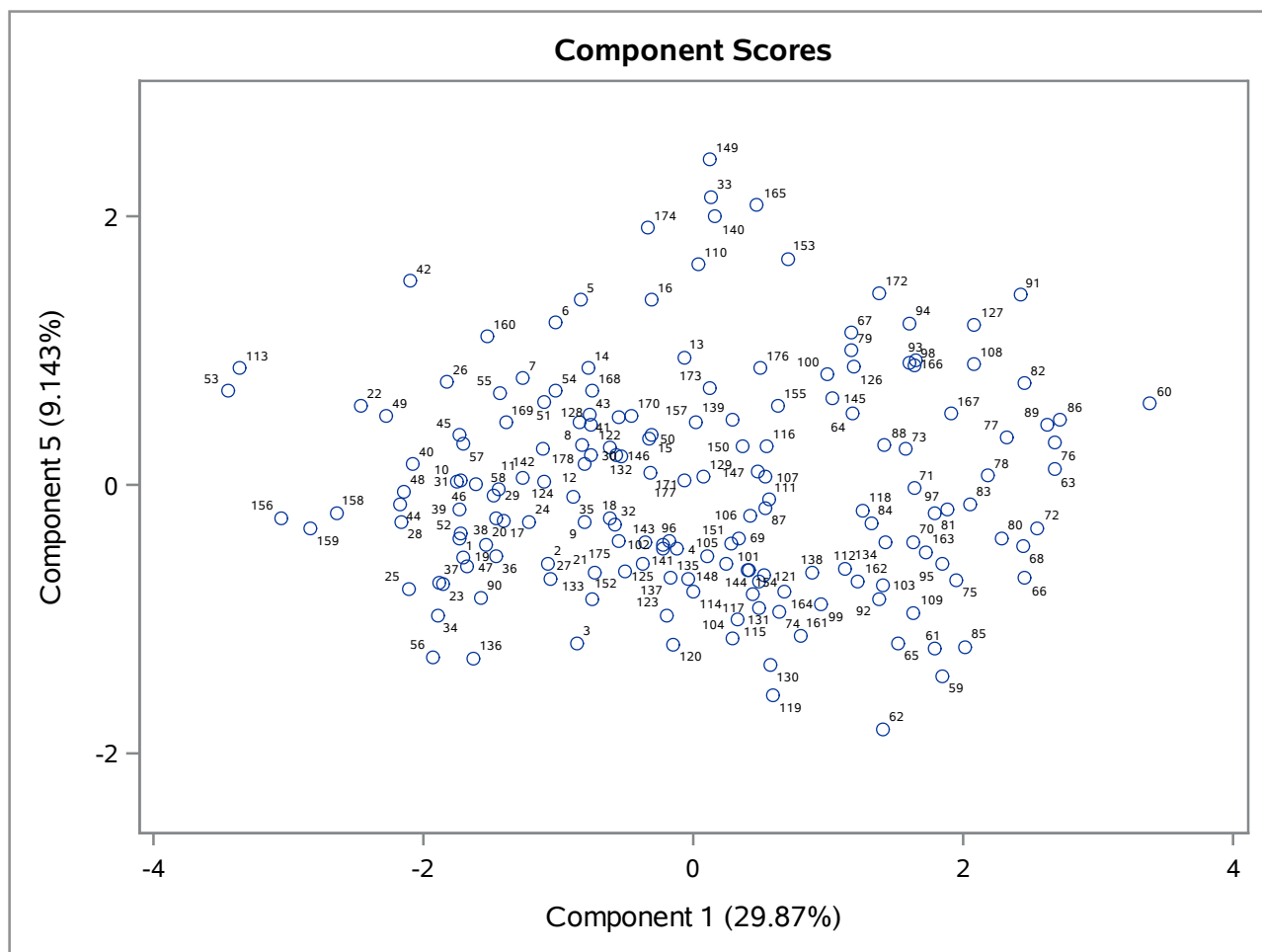


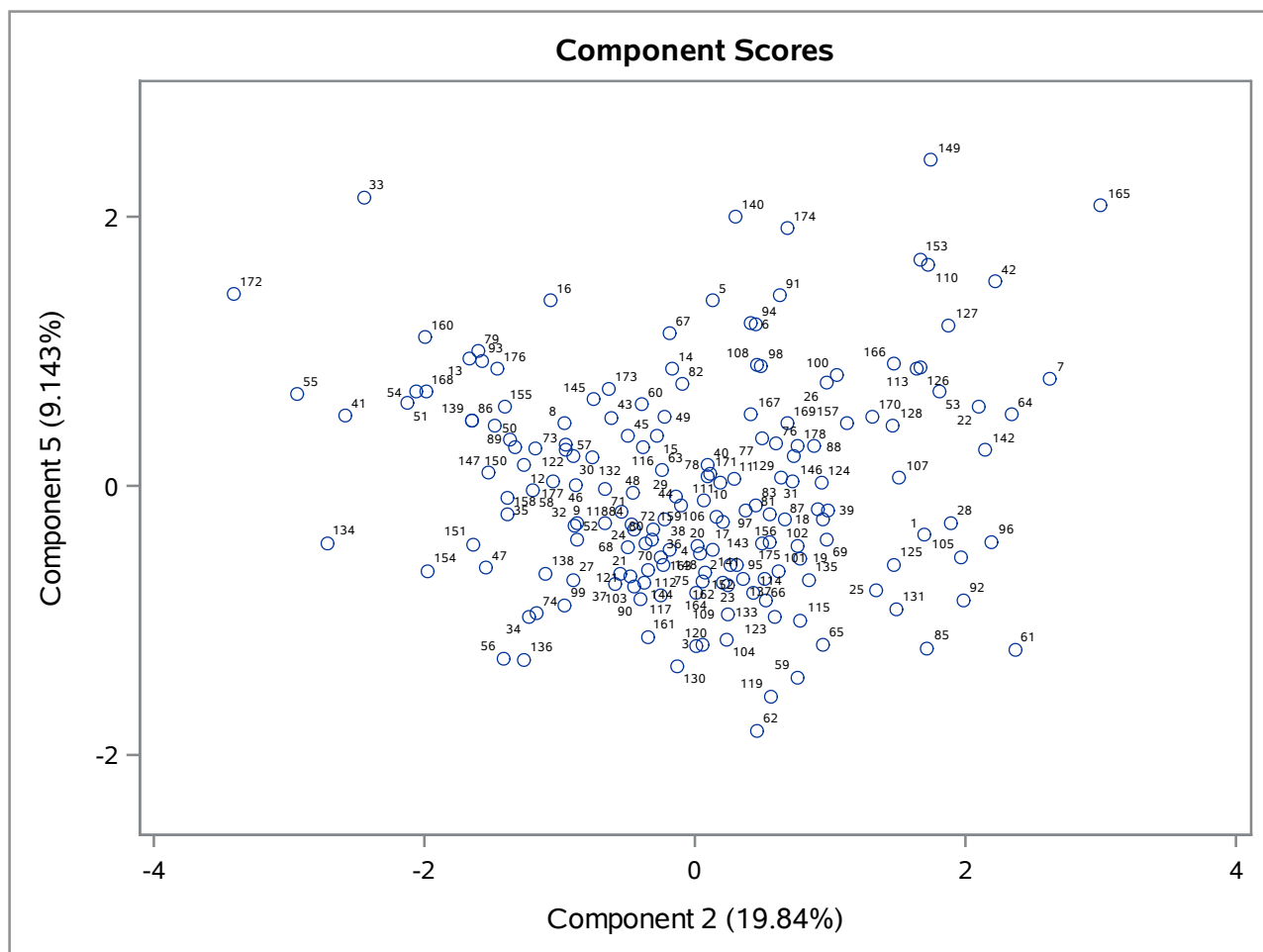
## The PRINCOMP Procedure



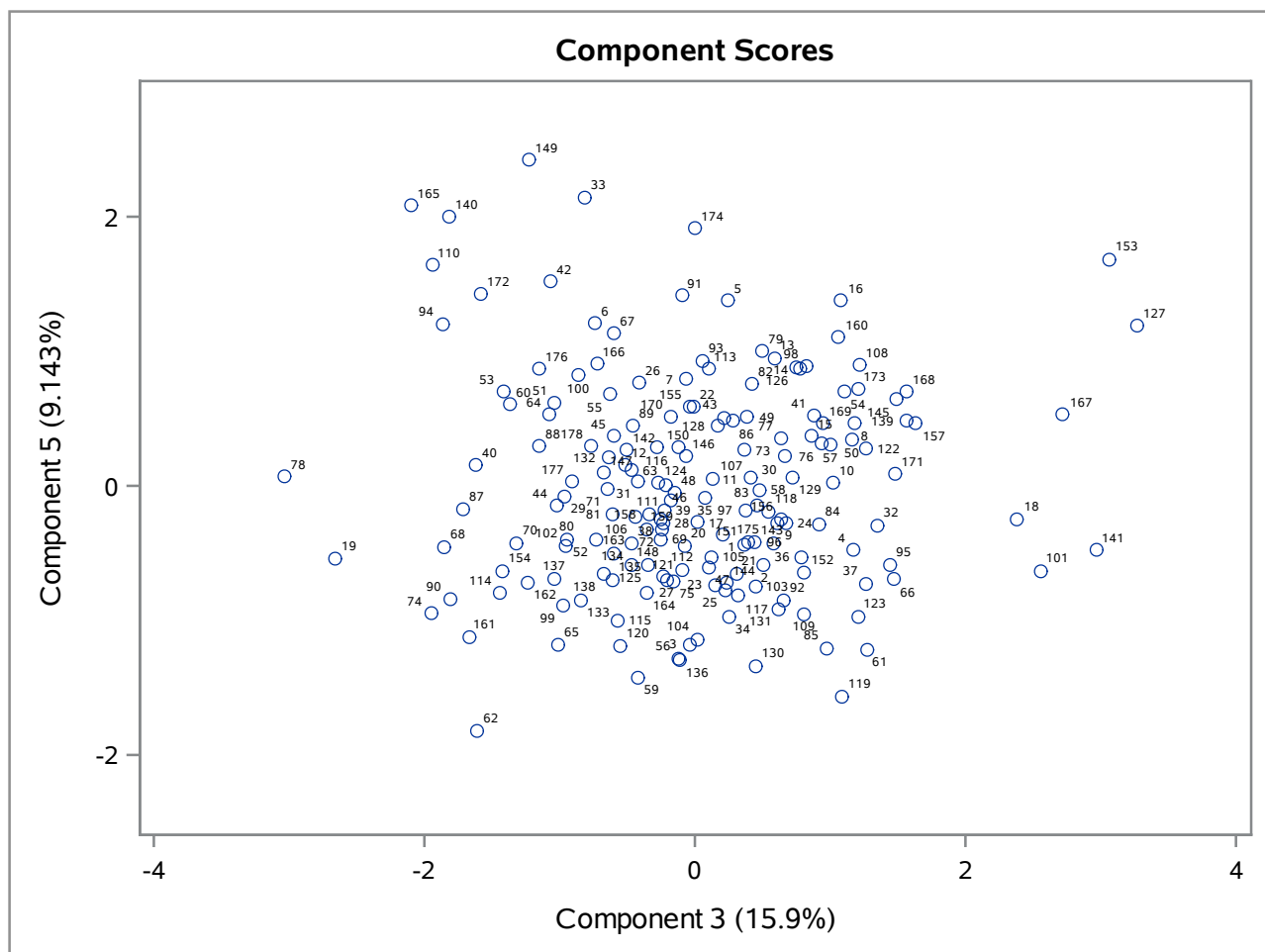


## The PRINCOMP Procedure



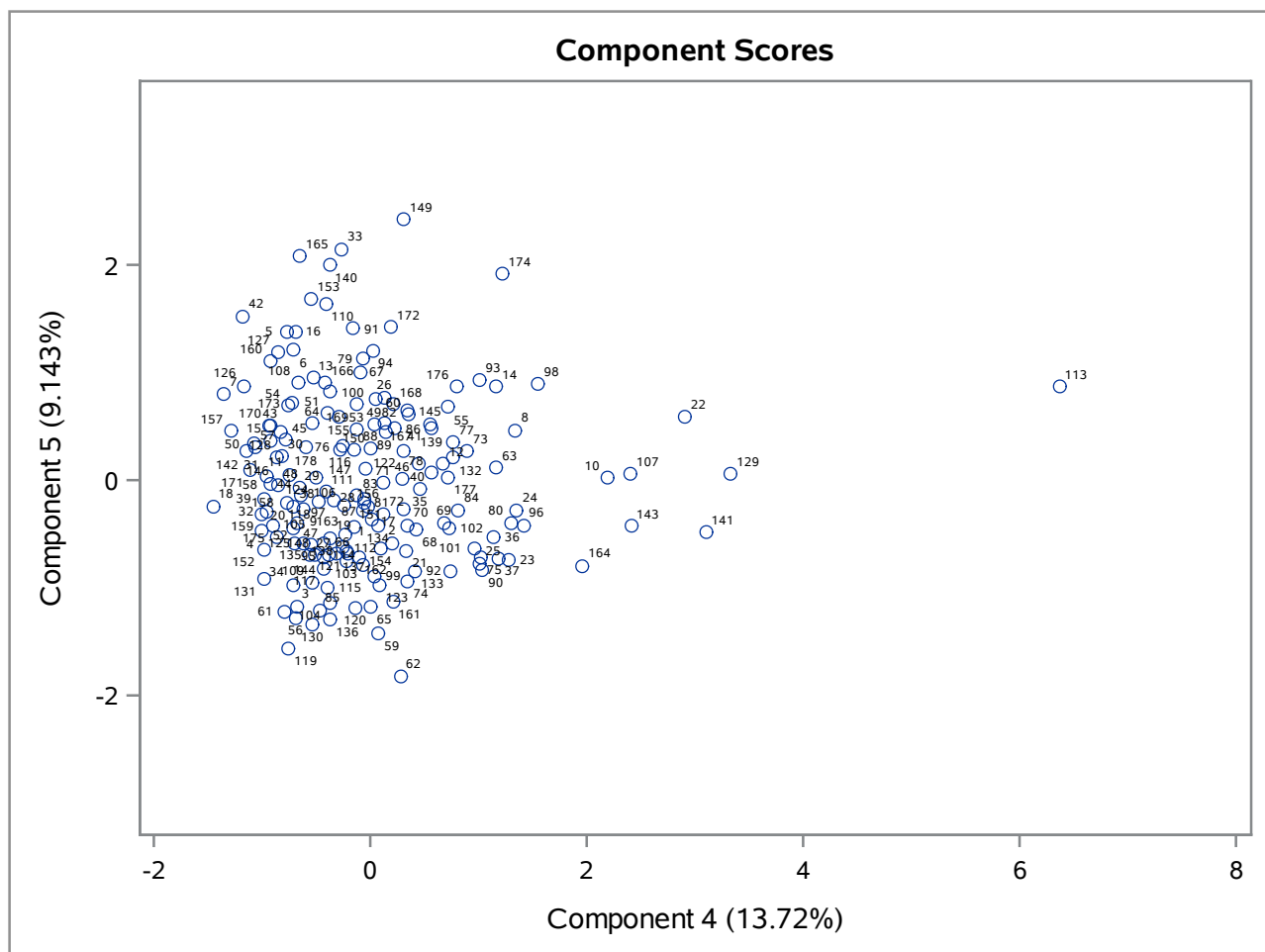


## The PRINCOMP Procedure

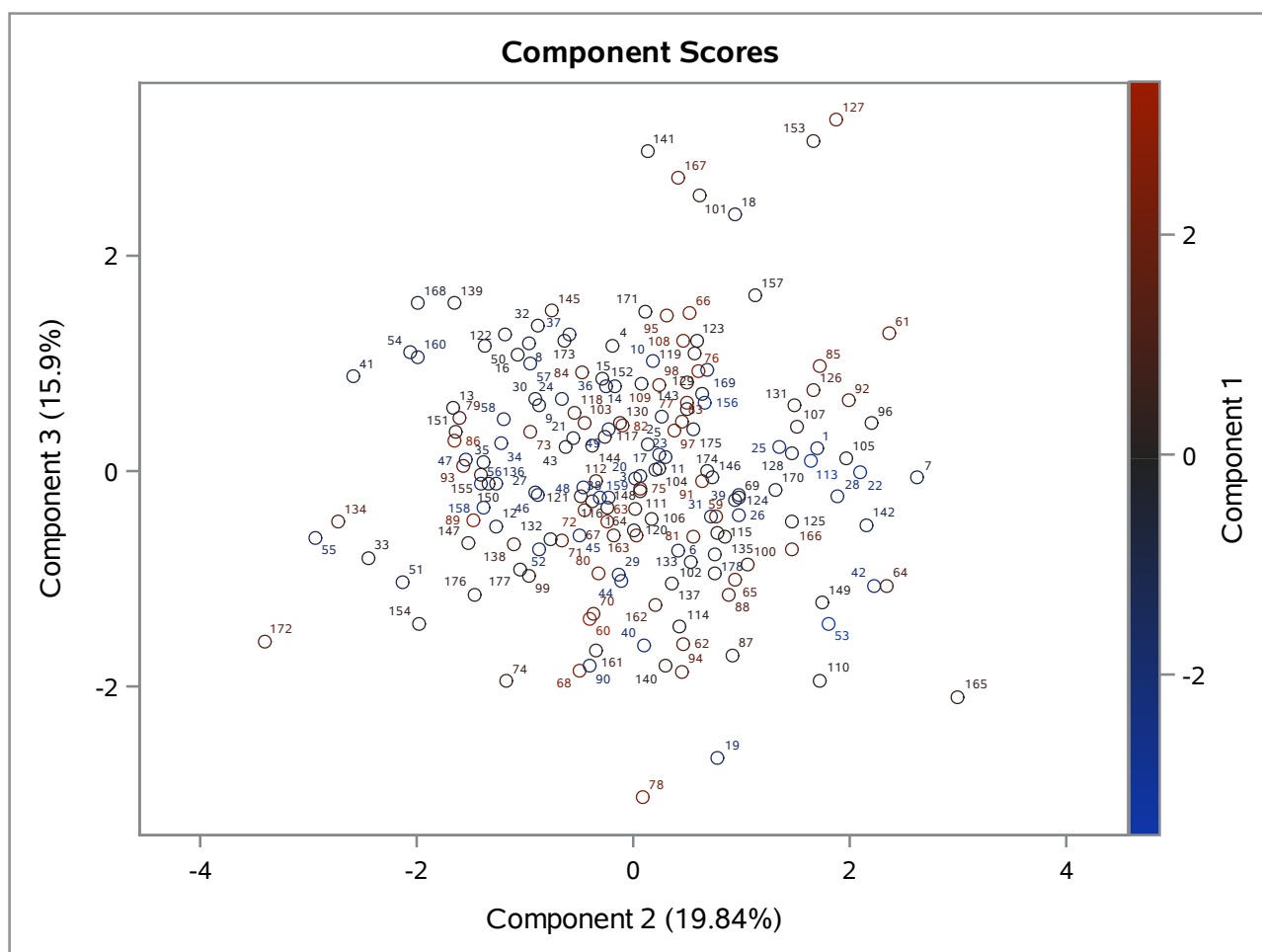




## The PRINCOMP Procedure



## The PRINCOMP Procedure



### The FACTOR Procedure

<b>Input Data Type</b>	Raw Data
<b>Number of Records Read</b>	178
<b>Number of Records Used</b>	178
<b>N for Significance Tests</b>	178

<b>Means and Standard Deviations from 178 Observations</b>		
<b>Variable</b>	<b>Mean</b>	<b>Std Dev</b>
<b>AGMT</b>	45.90449	10.112189
<b>AGP1</b>	23.57865	4.058470
<b>AGMN</b>	12.94382	1.806201
<b>NLV</b>	0.51685	0.963895
<b>LIV</b>	2.85393	1.544449
<b>WT</b>	144.56742	30.735402
<b>AGLP</b>	41.25843	7.418146

**The FACTOR Procedure**  
**Initial Factor Method: Principal Components**

Partial Correlations Controlling all other Variables								
		AGMT	AGP1	AGMN	NLV	LIV	WT	AGLP
<b>AGMT</b>	AGMT - Age-of-the-subject	1.00000	0.10397	0.00618	0.05191	0.01457	0.07036	0.69394
<b>AGP1</b>	AGP1 - Age-at-first-pregnancy	0.10397	1.00000	0.12419	-0.13497	-0.27896	-0.11737	0.15267
<b>AGMN</b>	AGMN - Age-at-menarche	0.00618	0.12419	1.00000	-0.01079	0.15891	-0.30940	0.07294
<b>NLV</b>	NLV - Number-stillbirths-miscarriage	0.05191	-0.13497	-0.01079	1.00000	-0.03618	0.00157	-0.08331
<b>LIV</b>	LIV - Number-of-live-birth	0.01457	-0.27896	0.15891	-0.03618	1.00000	0.08793	0.20772
<b>WT</b>	WT - Weight-of-the-subject	0.07036	-0.11737	-0.30940	0.00157	0.08793	1.00000	0.00240
<b>AGLP</b>	AGLP - Age-at-last-menstrual-period	0.69394	0.15267	0.07294	-0.08331	0.20772	0.00240	1.00000

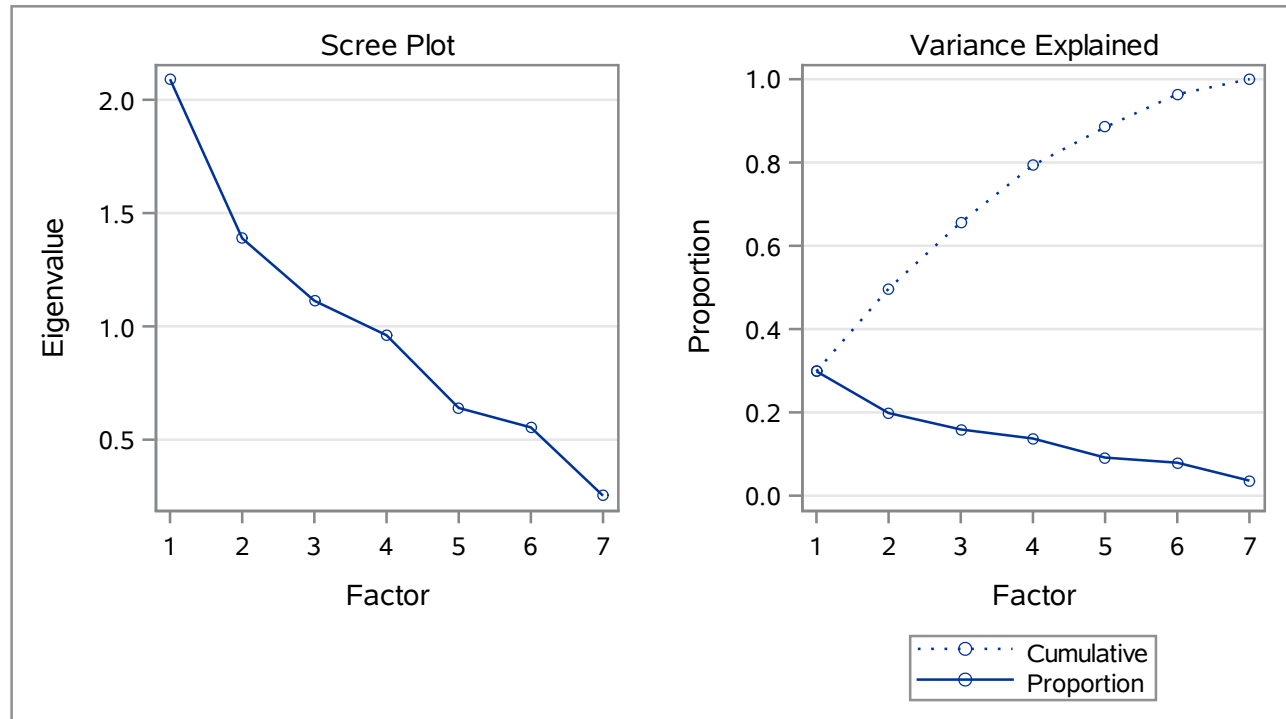
Kaiser's Measure of Sampling Adequacy: Overall MSA = 0.57323241						
AGMT	AGP1	AGMN	NLV	LIV	WT	AGLP
0.57433292	0.62564543	0.59233268	0.63158262	0.51523725	0.52672037	0.56994708

**Prior Communality Estimates: ONE**

Eigenvalues of the Correlation Matrix: Total = 7 Average = 1				
	Eigenvalue	Difference	Proportion	Cumulative
<b>1</b>	2.09069203	0.70219195	0.2987	0.2987
<b>2</b>	1.38850008	0.27548200	0.1984	0.4970
<b>3</b>	1.11301808	0.15228691	0.1590	0.6560
<b>4</b>	0.96073116	0.32071060	0.1372	0.7933
<b>5</b>	0.64002056	0.08583983	0.0914	0.8847
<b>6</b>	0.55418073	0.30132337	0.0792	0.9639
<b>7</b>	0.25285736		0.0361	1.0000

**3 factors will be retained by the NFACTOR criterion.**

**The FACTOR Procedure**  
**Initial Factor Method: Principal Components**



Factor Pattern				
		Factor1	Factor2	Factor3
<b>AGLP</b>	AGLP - Age-at-last-menstrual-period	0.87320	0.23799	-0.07774
<b>AGMT</b>	AGMT - Age-of-the-subject	0.83267	0.26396	-0.15195
<b>AGP1</b>	AGP1 - Age-at-first-pregnancy	0.50335	-0.48559	-0.45454
<b>WT</b>	WT - Weight-of-the-subject	-0.14566	0.73503	-0.35590
<b>LIV</b>	LIV - Number-of-live-birth	0.32382	0.50324	0.61437
<b>AGMN</b>	AGMN - Age-at-menarche	0.43405	-0.45510	0.55257
<b>NLV</b>	NLV - Number-stillbirths-miscarriage	-0.25892	0.16046	0.26044

Variance Explained by Each Factor		
Factor1	Factor2	Factor3
2.0906920	1.3885001	1.1130181

Final Communality Estimates: Total = 4.592210						
AGMT	AGP1	AGMN	NLV	LIV	WT	AGLP
0.78609761	0.69575943	0.70085455	0.16061669	0.73555984	0.68815357	0.82516849

### The FACTOR Procedure

<b>Input Data Type</b>	Raw Data
<b>Number of Records Read</b>	178
<b>Number of Records Used</b>	178
<b>N for Significance Tests</b>	178

<b>Means and Standard Deviations from 178 Observations</b>		
<b>Variable</b>	<b>Mean</b>	<b>Std Dev</b>
<b>AGMT</b>	45.90449	10.112189
<b>AGP1</b>	23.57865	4.058470
<b>AGMN</b>	12.94382	1.806201
<b>NLV</b>	0.51685	0.963895
<b>LIV</b>	2.85393	1.544449
<b>WT</b>	144.56742	30.735402
<b>AGLP</b>	41.25843	7.418146

**The FACTOR Procedure**  
**Initial Factor Method: Principal Components**

Partial Correlations Controlling all other Variables								
		AGMT	AGP1	AGMN	NLV	LIV	WT	AGLP
<b>AGMT</b>	AGMT - Age-of-the-subject	1.00000	0.10397	0.00618	0.05191	0.01457	0.07036	0.69394
<b>AGP1</b>	AGP1 - Age-at-first-pregnancy	0.10397	1.00000	0.12419	-0.13497	-0.27896	-0.11737	0.15267
<b>AGMN</b>	AGMN - Age-at-menarche	0.00618	0.12419	1.00000	-0.01079	0.15891	-0.30940	0.07294
<b>NLV</b>	NLV - Number-stillbirths-miscarriage	0.05191	-0.13497	-0.01079	1.00000	-0.03618	0.00157	-0.08331
<b>LIV</b>	LIV - Number-of-live-birth	0.01457	-0.27896	0.15891	-0.03618	1.00000	0.08793	0.20772
<b>WT</b>	WT - Weight-of-the-subject	0.07036	-0.11737	-0.30940	0.00157	0.08793	1.00000	0.00240
<b>AGLP</b>	AGLP - Age-at-last-menstrual-period	0.69394	0.15267	0.07294	-0.08331	0.20772	0.00240	1.00000

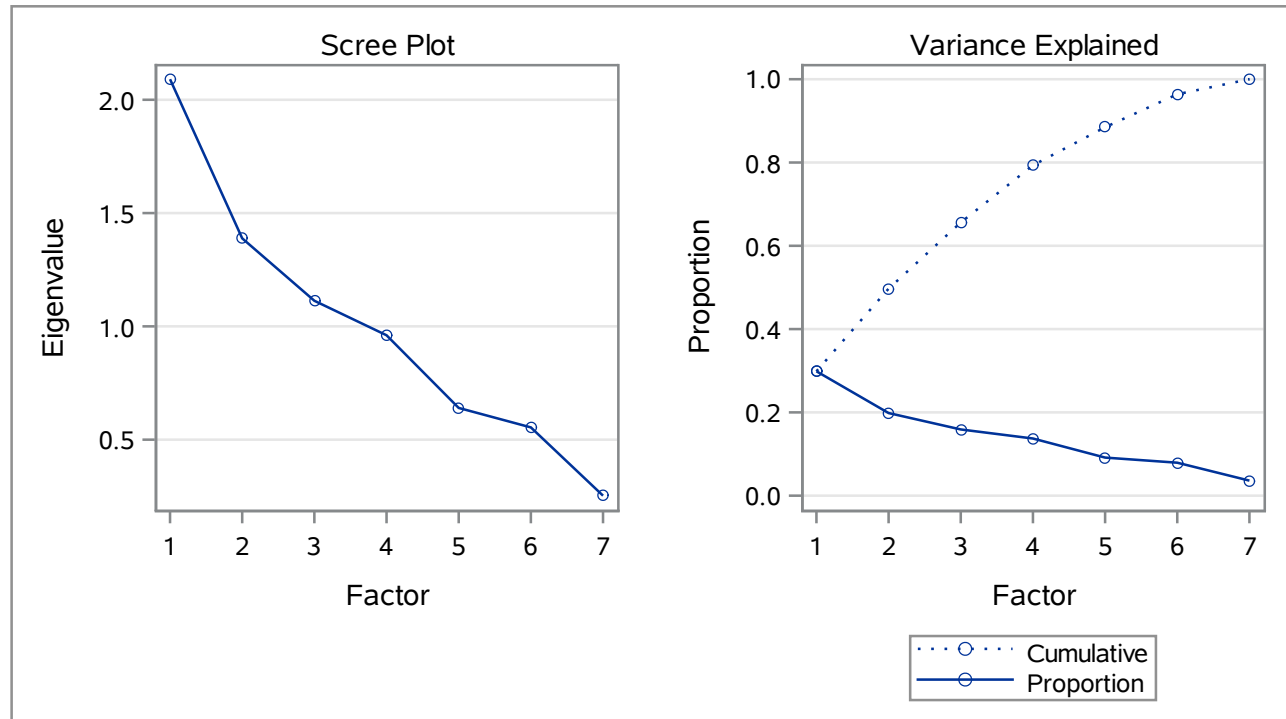
Kaiser's Measure of Sampling Adequacy: Overall MSA = 0.57323241						
AGMT	AGP1	AGMN	NLV	LIV	WT	AGLP
0.57433292	0.62564543	0.59233268	0.63158262	0.51523725	0.52672037	0.56994708

**Prior Communality Estimates: ONE**

Eigenvalues of the Correlation Matrix: Total = 7 Average = 1				
	Eigenvalue	Difference	Proportion	Cumulative
<b>1</b>	2.09069203	0.70219195	0.2987	0.2987
<b>2</b>	1.38850008	0.27548200	0.1984	0.4970
<b>3</b>	1.11301808	0.15228691	0.1590	0.6560
<b>4</b>	0.96073116	0.32071060	0.1372	0.7933
<b>5</b>	0.64002056	0.08583983	0.0914	0.8847
<b>6</b>	0.55418073	0.30132337	0.0792	0.9639
<b>7</b>	0.25285736		0.0361	1.0000

**3 factors will be retained by the NFACTOR criterion.**

**The FACTOR Procedure**  
**Initial Factor Method: Principal Components**



Factor Pattern				
		Factor1	Factor2	Factor3
<b>AGLP</b>	AGLP - Age-at-last-menstrual-period	0.87320	0.23799	-0.07774
<b>AGMT</b>	AGMT - Age-of-the-subject	0.83267	0.26396	-0.15195
<b>AGP1</b>	AGP1 - Age-at-first-pregnancy	0.50335	-0.48559	-0.45454
<b>WT</b>	WT - Weight-of-the-subject	-0.14566	0.73503	-0.35590
<b>LIV</b>	LIV - Number-of-live-birth	0.32382	0.50324	0.61437
<b>AGMN</b>	AGMN - Age-at-menarche	0.43405	-0.45510	0.55257
<b>NLV</b>	NLV - Number-stillbirths-miscarriage	-0.25892	0.16046	0.26044

Variance Explained by Each Factor		
Factor1	Factor2	Factor3
2.0906920	1.3885001	1.1130181

Final Communality Estimates: Total = 4.592210						
AGMT	AGP1	AGMN	NLV	LIV	WT	AGLP
0.78609761	0.69575943	0.70085455	0.16061669	0.73555984	0.68815357	0.82516849



**The FACTOR Procedure**  
**Rotation Method: Varimax**

Orthogonal Transformation Matrix			
	1	2	3
1	0.91215	0.31422	0.26315
2	0.40983	-0.70494	-0.57888
3	0.00361	0.63587	-0.77179

Rotated Factor Pattern				
		Factor1	Factor2	Factor3
<b>AGLP</b>	AGLP - Age-at-last-menstrual-period	0.89375	0.05718	0.15201
<b>AGMT</b>	AGMT - Age-of-the-subject	0.86715	-0.02106	0.18359
<b>AGMN</b>	AGMN - Age-at-menarche	0.21140	0.80857	-0.04880
<b>WT</b>	WT - Weight-of-the-subject	0.16710	-0.79023	-0.18914
<b>AGP1</b>	AGP1 - Age-at-first-pregnancy	0.25848	0.21144	0.76436
<b>NLV</b>	NLV - Number-stillbirths-miscarriage	-0.16947	-0.02887	-0.36203
<b>LIV</b>	LIV - Number-of-live-birth	0.50384	0.13766	-0.68026

Variance Explained by Each Factor		
Factor1	Factor2	Factor3
1.9727358	1.3464432	1.2730311

Final Communality Estimates: Total = 4.592210						
AGMT	AGP1	AGMN	NLV	LIV	WT	AGLP
0.78609761	0.69575943	0.70085455	0.16061669	0.73555984	0.68815357	0.82516849

**The FACTOR Procedure**  
**Rotation Method: Varimax**

**Scoring Coefficients Estimated by Regression**

Squared Multiple Correlations of the Variables with Each Factor		
Factor1	Factor2	Factor3
1.0000000	1.0000000	1.0000000

Standardized Scoring Coefficients				
		Factor1	Factor2	Factor3
<b>AGLP</b>	AGLP - Age-at-last-menstrual-period	0.45097	-0.03400	0.06459
<b>AGMT</b>	AGMT - Age-of-the-subject	0.44070	-0.09568	0.10012
<b>AGMN</b>	AGMN - Age-at-menarche	0.05684	0.61197	-0.13880
<b>WT</b>	WT - Weight-of-the-subject	0.15225	-0.59839	-0.07799
<b>AGP1</b>	AGP1 - Age-at-first-pregnancy	0.07480	0.06250	0.58099
<b>NLV</b>	NLV - Number-stillbirths-miscarriage	-0.06476	0.02841	-0.28008
<b>LIV</b>	LIV - Number-of-live-birth	0.29181	0.14417	-0.59506

### The FACTOR Procedure

<b>Input Data Type</b>	Raw Data
<b>Number of Records Read</b>	178
<b>Number of Records Used</b>	178
<b>N for Significance Tests</b>	178

<b>Means and Standard Deviations from 178 Observations</b>		
<b>Variable</b>	<b>Mean</b>	<b>Std Dev</b>
<b>AGMT</b>	45.90449	10.112189
<b>AGP1</b>	23.57865	4.058470
<b>AGMN</b>	12.94382	1.806201
<b>NLV</b>	0.51685	0.963895
<b>LIV</b>	2.85393	1.544449
<b>WT</b>	144.56742	30.735402
<b>AGLP</b>	41.25843	7.418146

**The FACTOR Procedure**  
**Initial Factor Method: Principal Components**

Partial Correlations Controlling all other Variables								
		AGMT	AGP1	AGMN	NLV	LIV	WT	AGLP
<b>AGMT</b>	AGMT - Age-of-the-subject	1.00000	0.10397	0.00618	0.05191	0.01457	0.07036	0.69394
<b>AGP1</b>	AGP1 - Age-at-first-pregnancy	0.10397	1.00000	0.12419	-0.13497	-0.27896	-0.11737	0.15267
<b>AGMN</b>	AGMN - Age-at-menarche	0.00618	0.12419	1.00000	-0.01079	0.15891	-0.30940	0.07294
<b>NLV</b>	NLV - Number-stillbirths-miscarriage	0.05191	-0.13497	-0.01079	1.00000	-0.03618	0.00157	-0.08331
<b>LIV</b>	LIV - Number-of-live-birth	0.01457	-0.27896	0.15891	-0.03618	1.00000	0.08793	0.20772
<b>WT</b>	WT - Weight-of-the-subject	0.07036	-0.11737	-0.30940	0.00157	0.08793	1.00000	0.00240
<b>AGLP</b>	AGLP - Age-at-last-menstrual-period	0.69394	0.15267	0.07294	-0.08331	0.20772	0.00240	1.00000

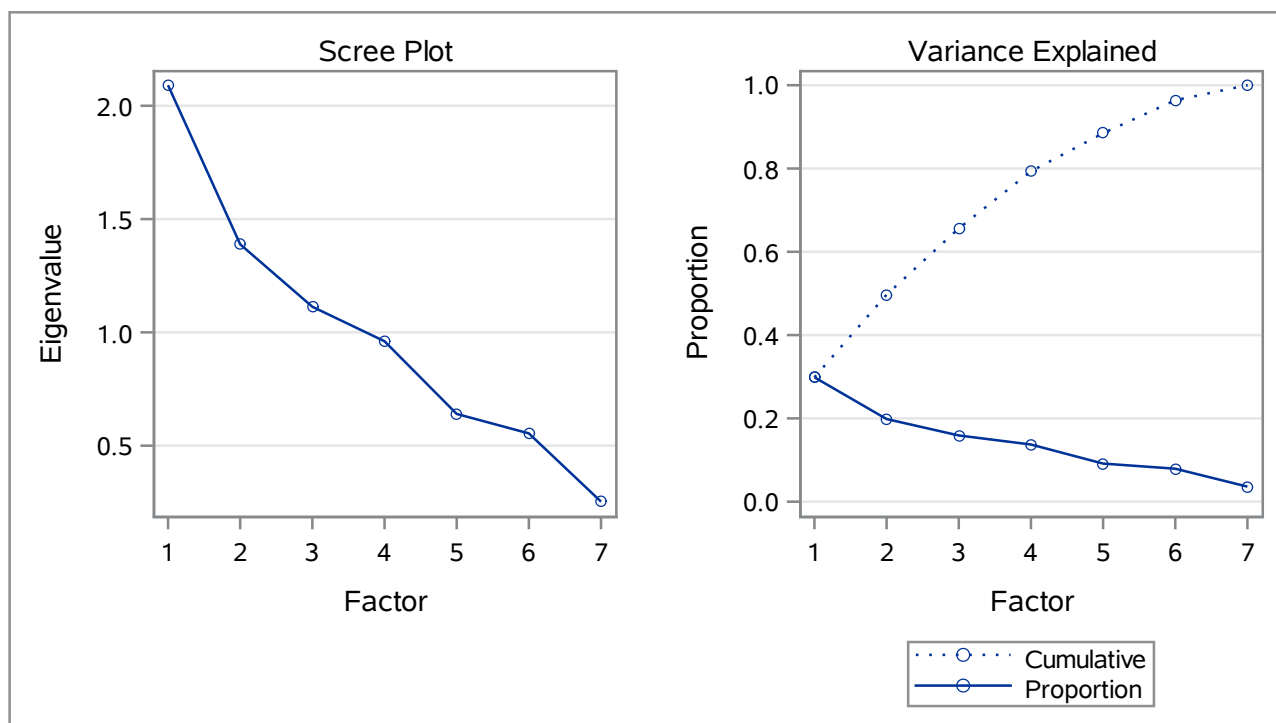
Kaiser's Measure of Sampling Adequacy: Overall MSA = 0.57323241						
AGMT	AGP1	AGMN	NLV	LIV	WT	AGLP
0.57433292	0.62564543	0.59233268	0.63158262	0.51523725	0.52672037	0.56994708

**Prior Communality Estimates: ONE**

Eigenvalues of the Correlation Matrix: Total = 7 Average = 1				
	Eigenvalue	Difference	Proportion	Cumulative
<b>1</b>	2.09069203	0.70219195	0.2987	0.2987
<b>2</b>	1.38850008	0.27548200	0.1984	0.4970
<b>3</b>	1.11301808	0.15228691	0.1590	0.6560
<b>4</b>	0.96073116	0.32071060	0.1372	0.7933
<b>5</b>	0.64002056	0.08583983	0.0914	0.8847
<b>6</b>	0.55418073	0.30132337	0.0792	0.9639
<b>7</b>	0.25285736		0.0361	1.0000

**3 factors will be retained by the NFACTOR criterion.**

**The FACTOR Procedure**  
**Initial Factor Method: Principal Components**

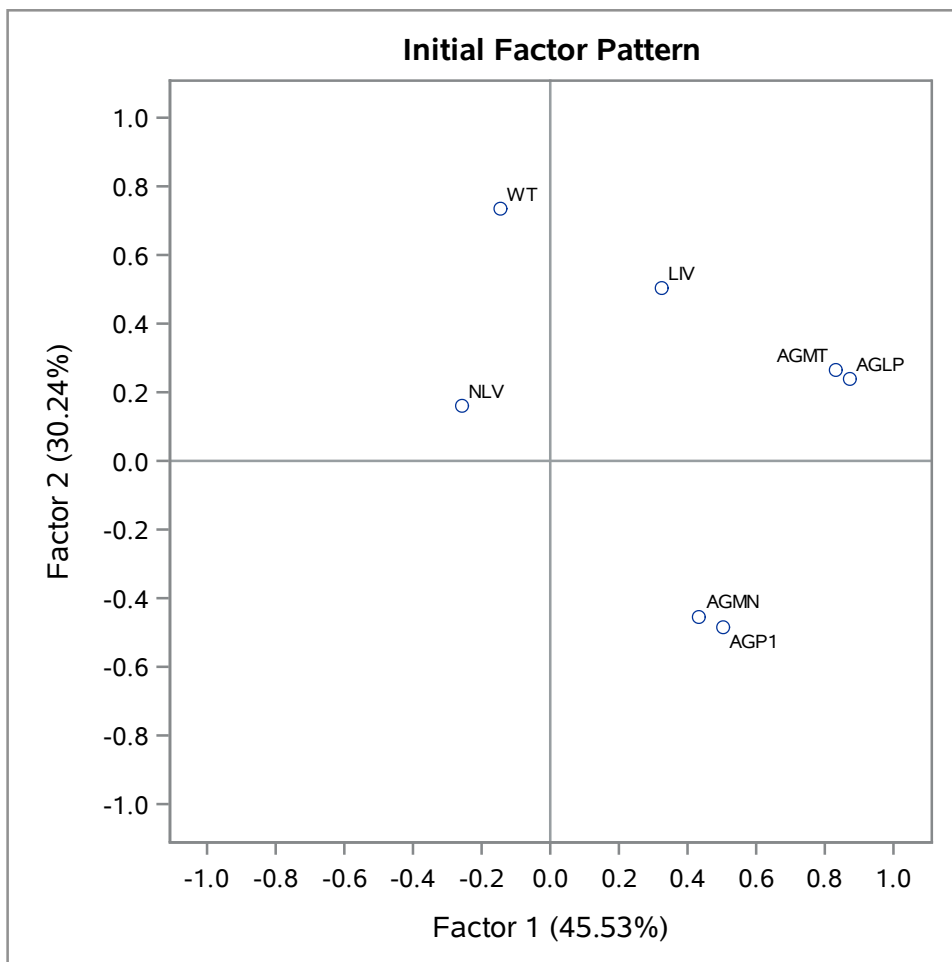


Factor Pattern				
		Factor1	Factor2	Factor3
<b>AGLP</b>	AGLP - Age-at-last-menstrual-period	0.87320	0.23799	-0.07774
<b>AGMT</b>	AGMT - Age-of-the-subject	0.83267	0.26396	-0.15195
<b>AGP1</b>	AGP1 - Age-at-first-pregnancy	0.50335	-0.48559	-0.45454
<b>WT</b>	WT - Weight-of-the-subject	-0.14566	0.73503	-0.35590
<b>LIV</b>	LIV - Number-of-live-birth	0.32382	0.50324	0.61437
<b>AGMN</b>	AGMN - Age-at-menarche	0.43405	-0.45510	0.55257
<b>NLV</b>	NLV - Number-stillbirths-miscarriage	-0.25892	0.16046	0.26044

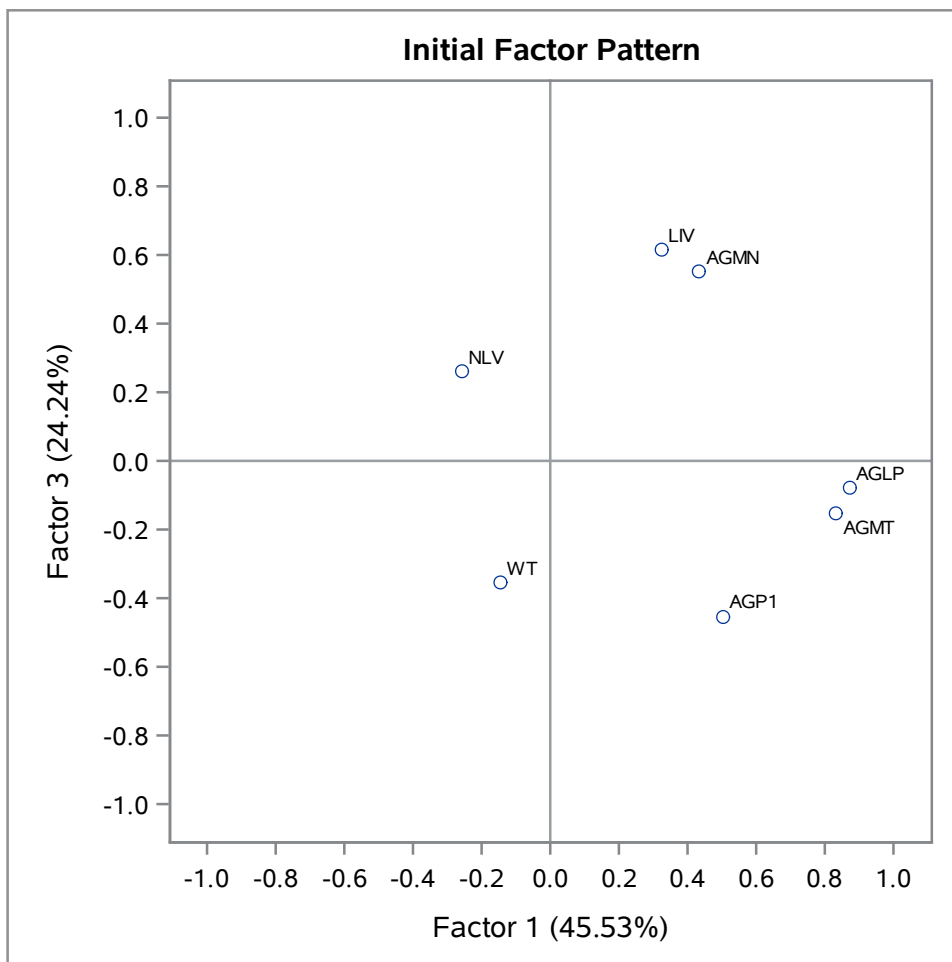
Variance Explained by Each Factor		
Factor1	Factor2	Factor3
2.0906920	1.3885001	1.1130181

Final Communality Estimates: Total = 4.592210						
AGMT	AGP1	AGMN	NLV	LIV	WT	AGLP
0.78609761	0.69575943	0.70085455	0.16061669	0.73555984	0.68815357	0.82516849

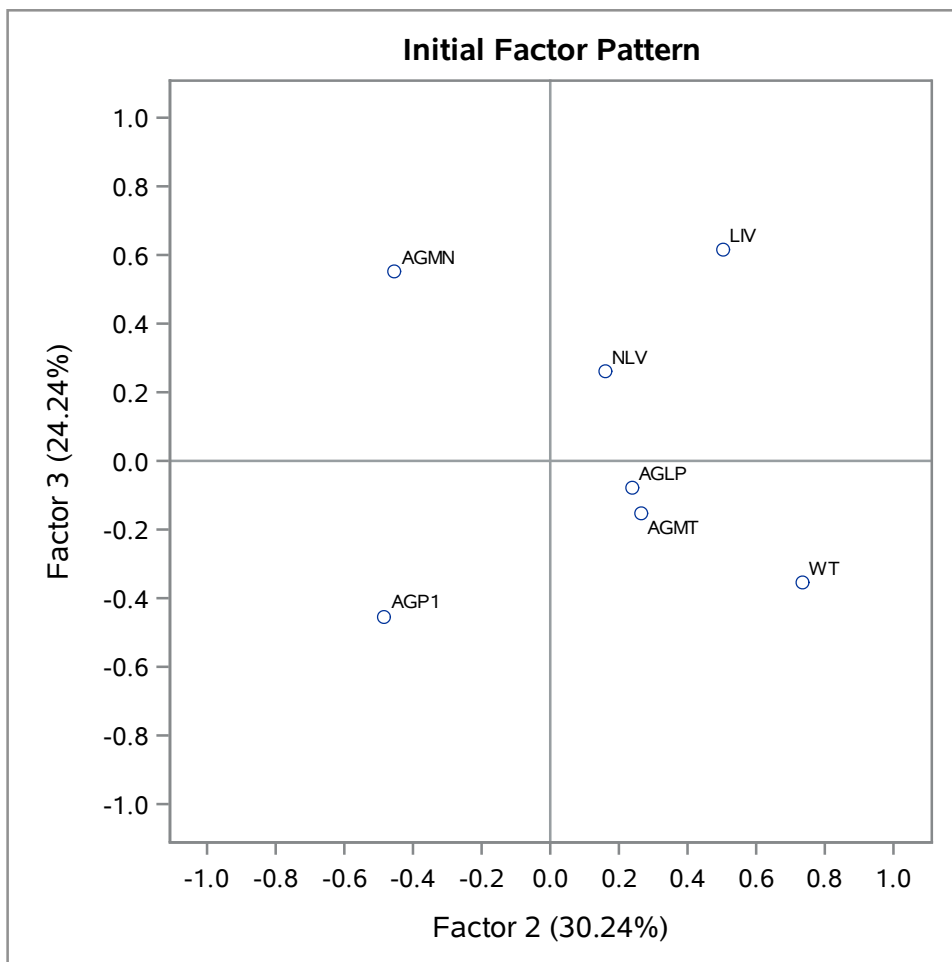
**The FACTOR Procedure**  
**Initial Factor Method: Principal Components**



The FACTOR Procedure  
Initial Factor Method: Principal Components



The FACTOR Procedure  
Initial Factor Method: Principal Components





**The FACTOR Procedure**  
**Rotation Method: Varimax**

Orthogonal Transformation Matrix			
	1	2	3
1	0.91215	0.31422	0.26315
2	0.40983	-0.70494	-0.57888
3	0.00361	0.63587	-0.77179

Rotated Factor Pattern				
		Factor1	Factor2	Factor3
<b>AGLP</b>	AGLP - Age-at-last-menstrual-period	0.89375	0.05718	0.15201
<b>AGMT</b>	AGMT - Age-of-the-subject	0.86715	-0.02106	0.18359
<b>AGMN</b>	AGMN - Age-at-menarche	0.21140	0.80857	-0.04880
<b>WT</b>	WT - Weight-of-the-subject	0.16710	-0.79023	-0.18914
<b>AGP1</b>	AGP1 - Age-at-first-pregnancy	0.25848	0.21144	0.76436
<b>NLV</b>	NLV - Number-stillbirths-miscarriage	-0.16947	-0.02887	-0.36203
<b>LIV</b>	LIV - Number-of-live-birth	0.50384	0.13766	-0.68026

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Final Communality Estimates: Total = 4.592210						
AGMT	AGP1	AGMN	NLV	LIV	WT	AGLP
0.78609761	0.69575943	0.70085455	0.16061669	0.73555984	0.68815357	0.82516849

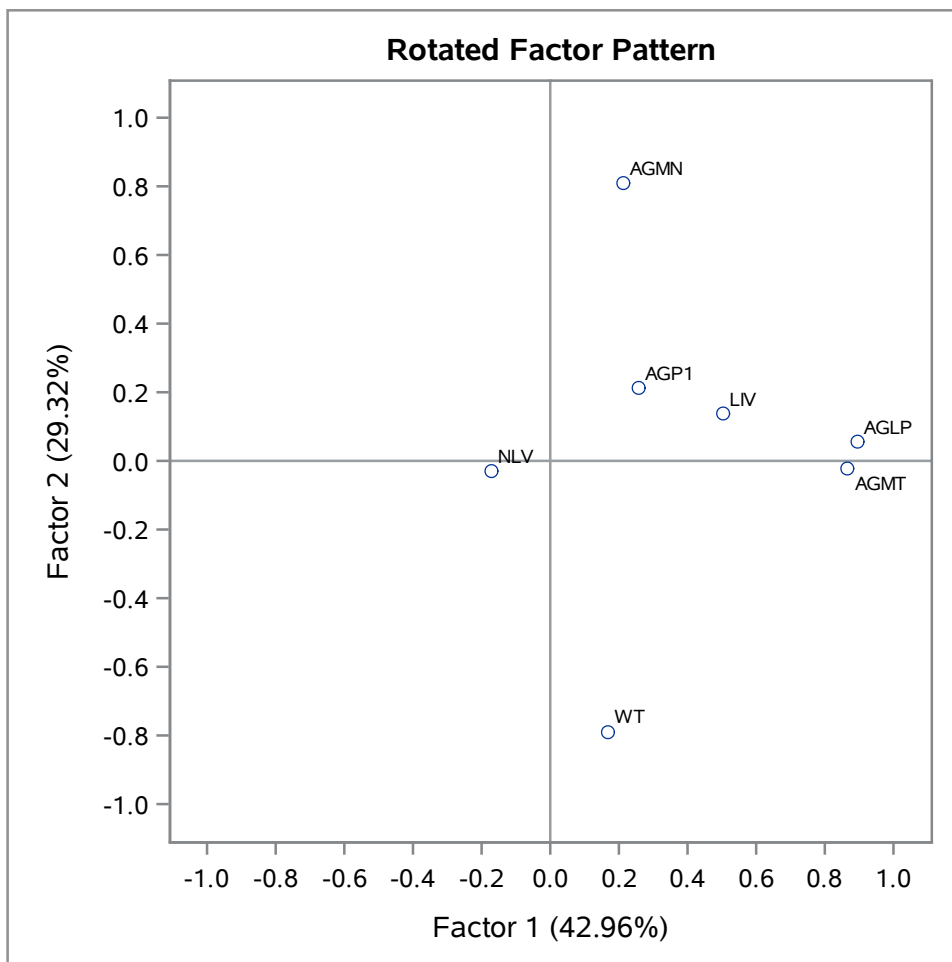
**The FACTOR Procedure**  
**Rotation Method: Varimax**

**Scoring Coefficients Estimated by Regression**

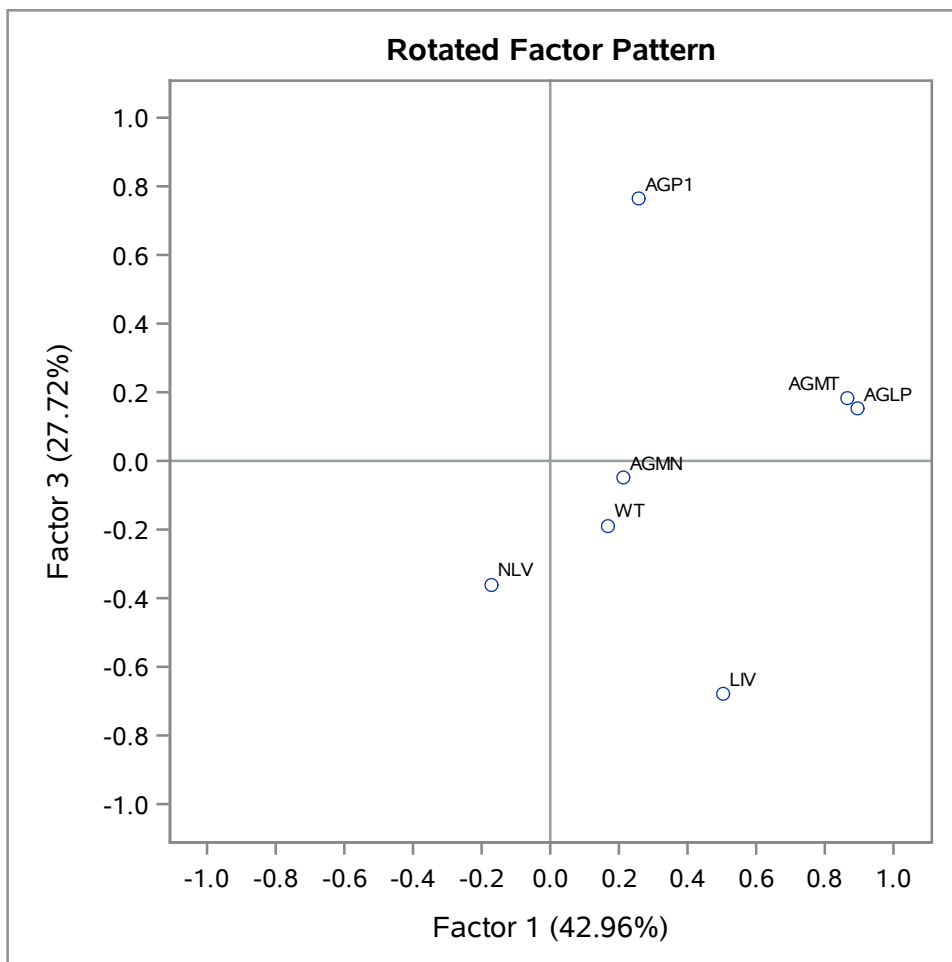
Squared Multiple Correlations of the Variables with Each Factor		
Factor1	Factor2	Factor3
1.0000000	1.0000000	1.0000000

Standardized Scoring Coefficients				
		Factor1	Factor2	Factor3
<b>AGLP</b>	AGLP - Age-at-last-menstrual-period	0.45097	-0.03400	0.06459
<b>AGMT</b>	AGMT - Age-of-the-subject	0.44070	-0.09568	0.10012
<b>AGMN</b>	AGMN - Age-at-menarche	0.05684	0.61197	-0.13880
<b>WT</b>	WT - Weight-of-the-subject	0.15225	-0.59839	-0.07799
<b>AGP1</b>	AGP1 - Age-at-first-pregnancy	0.07480	0.06250	0.58099
<b>NLV</b>	NLV - Number-stillbirths-miscarriage	-0.06476	0.02841	-0.28008
<b>LIV</b>	LIV - Number-of-live-birth	0.29181	0.14417	-0.59506

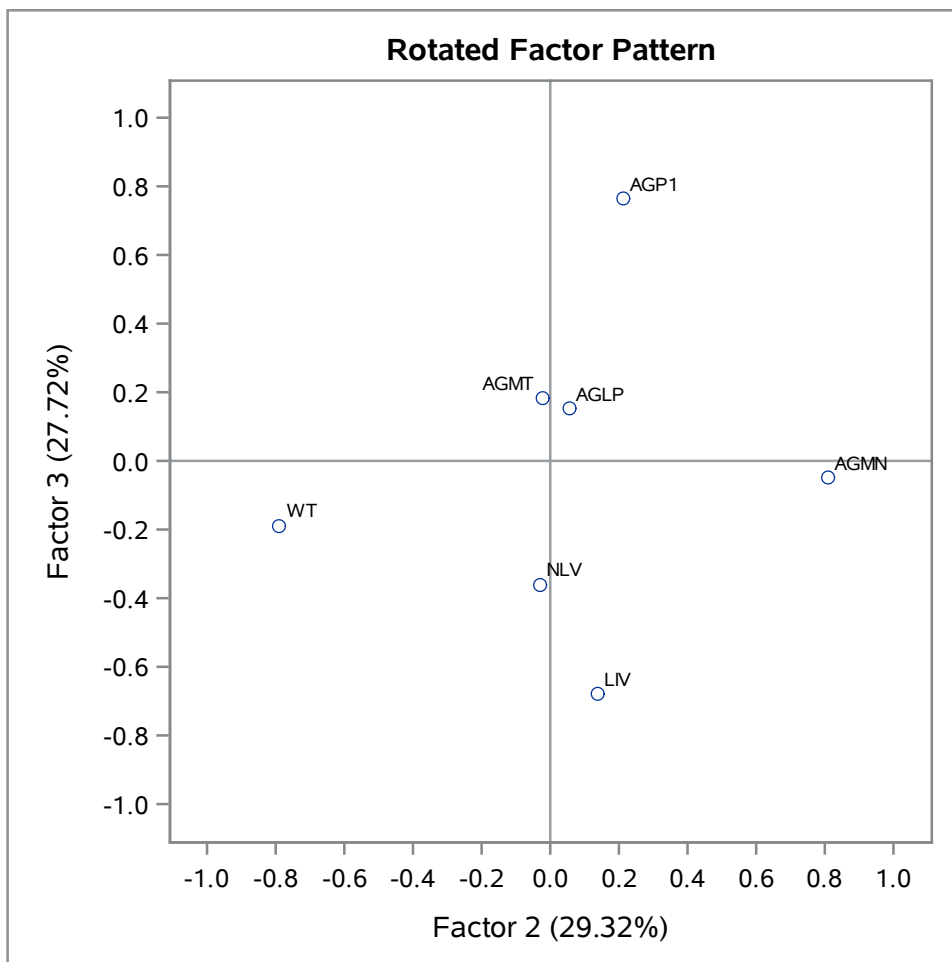
**The FACTOR Procedure**  
**Rotation Method: Varimax**



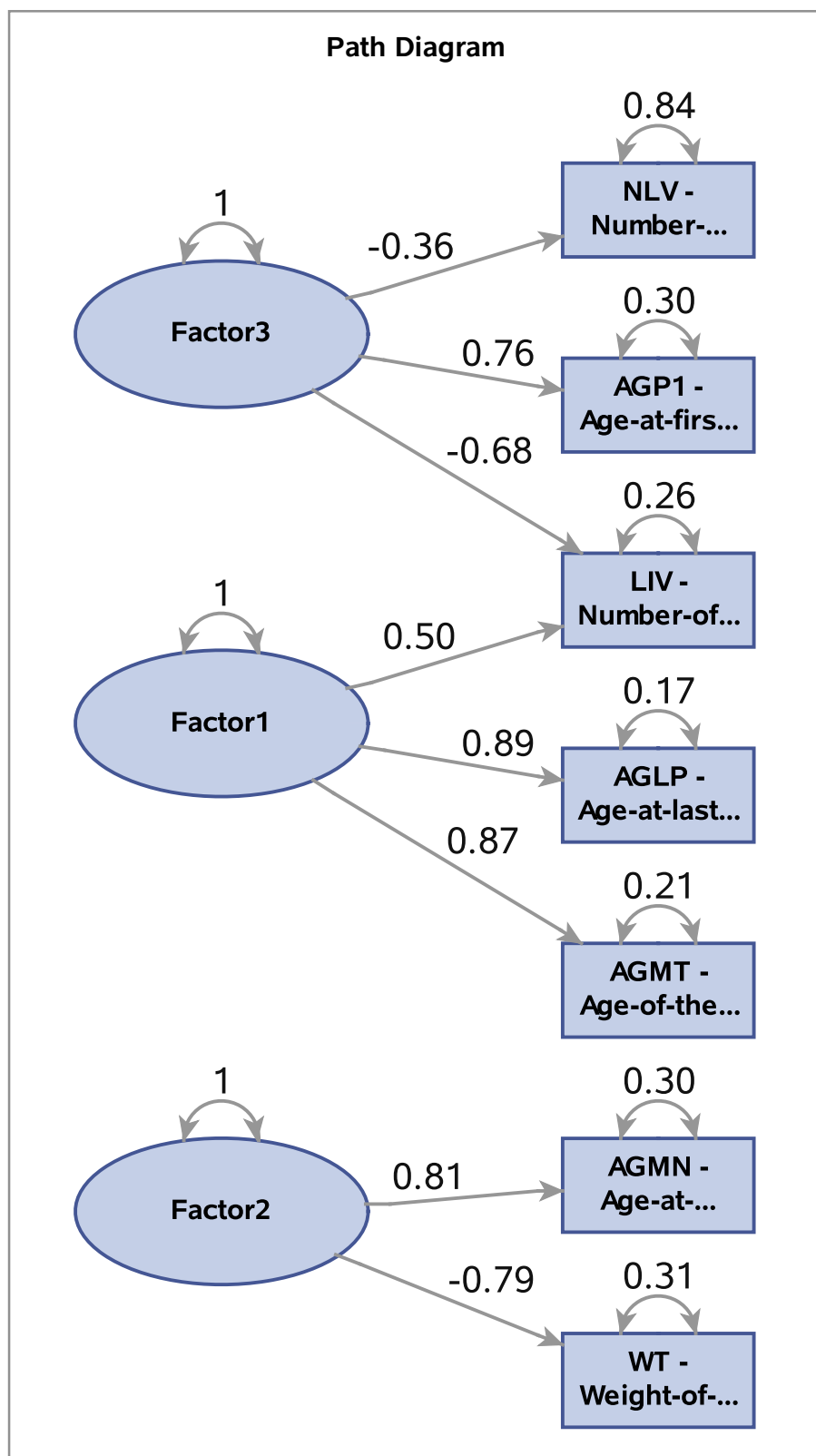
The FACTOR Procedure  
Rotation Method: Varimax



The FACTOR Procedure  
Rotation Method: Varimax



The FACTOR Procedure  
Rotation Method: Varimax



Obs	_TYPE_	_NAME_	AGMT	AGP1	AGMN	NLV	LIV	WT	AGLP
1	MEAN		45.904	23.579	12.944	0.517	2.854	144.567	41.258
2	STD		10.112	4.058	1.806	0.964	1.544	30.735	7.418
3	N		178.000	178.000	178.000	178.000	178.000	178.000	178.000
4	CORR	AGMT	1.000	0.262	0.136	-0.065	0.189	0.042	0.739
5	CORR	AGP1	0.262	1.000	0.183	-0.159	-0.179	-0.170	0.278
6	CORR	AGMN	0.136	0.183	1.000	-0.058	0.139	-0.311	0.186
7	CORR	NLV	-0.065	-0.159	-0.058	1.000	-0.032	0.030	-0.124
8	CORR	LIV	0.189	-0.179	0.139	-0.032	1.000	0.087	0.263
9	CORR	WT	0.042	-0.170	-0.311	0.030	0.087	1.000	0.007
10	CORR	AGLP	0.739	0.278	0.186	-0.124	0.263	0.007	1.000
11	COMMUNAL		0.786	0.696	0.701	0.161	0.736	0.688	0.825
12	PRIORS		1.000	1.000	1.000	1.000	1.000	1.000	1.000
13	EIGENVAL		2.091	1.389	1.113	0.961	0.640	0.554	0.253
14	UNROTATE	Factor1	0.833	0.503	0.434	-0.259	0.324	-0.146	0.873
15	UNROTATE	Factor2	0.264	-0.486	-0.455	0.160	0.503	0.735	0.238
16	UNROTATE	Factor3	-0.152	-0.455	0.553	0.260	0.614	-0.356	-0.078
17	TRANSFOR	Factor1	0.912	0.410	0.004	.	.	.	.
18	TRANSFOR	Factor2	0.314	-0.705	0.636	.	.	.	.
19	TRANSFOR	Factor3	0.263	-0.579	-0.772	.	.	.	.
20	PATTERN	Factor1	0.867	0.258	0.211	-0.169	0.504	0.167	0.894
21	PATTERN	Factor2	-0.021	0.211	0.809	-0.029	0.138	-0.790	0.057
22	PATTERN	Factor3	0.184	0.764	-0.049	-0.362	-0.680	-0.189	0.152
23	SCORE	Factor1	0.441	0.075	0.057	-0.065	0.292	0.152	0.451
24	SCORE	Factor2	-0.096	0.063	0.612	0.028	0.144	-0.598	-0.034
25	SCORE	Factor3	0.100	0.581	-0.139	-0.280	-0.595	-0.078	0.065

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST	Factor1	Factor2	Factor3
1	0	1	39	0	0	2	16	11	1	3	175	39	3	-0.49316	-1.26426	-1.29745
2	0	1	39	0	0	2	20	12	1	3	135	39	2	-0.58612	-0.08507	-0.70019
3	1	1	39	0	1	1	21	11	0	3	125	40	1	-0.52071	-0.24786	-0.15554
4	0	1	39	1	0	1	23	13	0	5	118	39	1	-0.13850	0.78814	-0.78444
5	0	2	38	0	1	2	20	15	0	2	183	38	1	-0.48007	-0.11191	-0.39526
6	1	2	38	0	1	1	23	13	0	2	192	37	1	-0.50392	-0.91398	0.15634
7	1	2	38	0	0	2	19	11	0	5	218	38	1	0.11583	-1.88397	-1.47571
8	0	3	38	1	0	1	22	15	2	2	125	38	1	-0.86489	1.10705	-0.54294
9	0	3	38	0	0	2	20	14	0	2	123	38	1	-0.80876	0.71742	-0.16618
10	1	3	38	0	1	1	19	13	3	2	140	37	1	-1.03678	0.12523	-1.15605
11	1	3	38	0	1	1	18	13	0	2	160	38	1	-0.69381	-0.37256	-0.46952
12	0	4	38	0	2	1	26	13	1	1	130	38	2	-0.95109	0.27085	0.84655
13	0	4	38	0	1	1	25	16	0	2	130	38	1	-0.61899	1.33578	0.37814
14	1	4	38	1	1	1	24	14	2	3	150	38	5	-0.54671	0.40565	-0.62851
15	1	4	38	0	1	2	23	14	0	4	140	38	1	-0.29137	0.61934	-0.55043
16	1	5	38	1	1	1	21	17	0	2	150	38	2	-0.56218	1.22361	-0.32207
17	0	5	38	0	1	2	20	12	1	2	148	38	1	-0.81503	-0.41747	-0.36649
18	1	5	38	0	1	1	16	14	0	6	138	38	4	-0.05241	0.73716	-2.31801
19	1	6	38	0	4	1	25	8	0	1	180	38	2	-0.81199	-2.44157	1.25132
20	0	6	38	0	1	2	19	12	0	2	145	35	2	-0.96352	-0.39019	-0.23758
21	0	6	38	1	1	1	24	12	1	3	116	39	1	-0.65009	0.35590	-0.08927
22	1	6	38	0	2	2	21	10	4	3	195	35	1	-0.82169	-1.79924	-1.47204
23	0	7	37	0	2	1	20	11	2	2	135	37	2	-1.08245	-0.45967	-0.56585
24	1	7	37	0	1	2	22	13	2	2	120	38	1	-0.99617	0.53622	-0.38646
25	0	7	37	0	0	1	18	10	2	3	155	37	1	-0.86277	-1.12533	-1.21135
26	1	8	36	0	0	1	20	12	1	2	191	36	1	-0.81077	-1.22655	-0.51282
27	0	8	36	0	1	2	23	12	0	2	119	37	1	-0.98417	0.18737	0.39861
28	0	8	36	0	0	2	17	10	1	3	185	37	1	-0.70899	-1.74482	-1.14995
29	1	9	35	0	2	2	24	11	0	2	155	35	1	-0.98404	-0.81831	0.49995
30	0	9	35	1	1	1	23	14	0	3	129	36	1	-0.78713	0.77771	-0.18435
31	0	9	35	0	1	2	21	11	0	3	170	34	2	-0.83688	-1.05862	-0.36157
32	0	9	36	0	1	1	22	14	0	4	110	36	1	-0.66716	1.21610	-0.65468
33	1	10	36	0	1	1	33	16	0	1	150	36	1	-0.77016	1.00435	1.82070
34	1	10	35	1	1	2	21	12	0	2	105	29	1	-1.62030	0.47527	0.06827
35	1	10	36	0	3	1	26	13	1	2	115	36	1	-1.04520	0.68432	0.46210
36	0	10	36	0	1	2	22	12	2	3	120	36	1	-1.00386	0.30937	-0.72222
37	1	11	35	0	0	2	18	13	2	2	110	35	2	-1.38897	0.70198	-0.97963
38	0	11	35	0	1	1	21	12	0	2	145	36	1	-0.99661	-0.33558	0.02773



Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST	Factor1	Factor2	Factor3
39	1	11	35	0	1	1	19	11	0	3	170	36	1	-0.75216	-1.09859	-0.63046
40	1	12	34	1	1	2	25	10	1	1	170	34	1	-1.28327	-1.48359	0.75800
41	1	12	34	0	1	2	25	16	1	1	100	35	1	-1.38043	1.90758	0.48325
42	0	12	34	0	1	1	20	11	0	3	240	34	1	-0.55214	-2.42740	-0.69224
43	1	12	35	0	4	1	27	13	0	4	140	35	1	-0.56223	0.38426	0.04320
44	0	13	33	0	1	2	21	11	0	1	160	33	1	-1.41226	-1.02711	0.40588
45	0	13	32	0	1	2	24	12	0	2	155	32	1	-1.26569	-0.43735	0.36728
46	1	13	33	0	2	1	25	12	1	2	132	33	1	-1.32400	0.04127	0.29683
47	0	14	33	0	4	1	21	13	0	1	110	33	1	-1.59701	0.62399	0.37905
48	0	14	33	0	1	1	21	12	0	2	145	29	5	-1.50932	-0.28457	-0.05303
49	0	14	33	0	1	2	20	13	1	2	155	29	3	-1.51393	-0.12637	-0.58897
50	1	14	33	1	4	1	28	14	0	5	110	33	1	-0.68075	1.44398	-0.23687
51	0	15	32	1	1	1	30	13	0	1	129	32	1	-1.44138	0.40672	1.60062
52	1	15	32	0	1	1	25	11	0	2	131	32	1	-1.39762	-0.29351	0.64818
53	0	15	32	0	1	2	20	9	1	2	218	26	3	-1.55368	-2.68499	-0.47747
54	0	15	32	0	1	1	23	16	0	2	115	32	1	-1.35640	1.68129	0.01824
55	1	16	31	1	3	1	30	14	1	0	110	30	1	-1.92532	1.07021	1.63938
56	0	16	31	0	1	2	23	11	0	2	97	31	1	-1.70728	0.35168	0.42953
57	1	16	30	0	0	1	21	14	0	3	130	30	1	-1.40170	0.80225	-0.57494
58	1	16	31	0	1	2	24	13	0	3	120	31	1	-1.32304	0.69028	-0.02466
59	1	17	68	1	2	1	22	12	0	3	130	50	2	1.42574	-0.31121	0.27230
60	1	17	68	0	0	1	34	14	0	3	150	53	4	1.99130	0.14810	1.81183
61	1	17	68	0	1	2	19	12	0	7	145	46	4	1.95735	-0.25774	-1.77121
62	0	18	64	0	1	1	25	10	0	2	127	50	4	1.03997	-0.93974	1.20875
63	0	18	64	1	1	2	30	14	1	3	135	53	1	1.60176	0.44585	0.94709
64	0	18	64	0	1	1	26	11	0	5	205	42	4	1.55674	-1.78741	-0.14839
65	0	19	63	0	1	2	24	11	0	3	144	50	1	1.28258	-0.84449	0.55042
66	0	19	63	1	0	1	21	15	0	5	120	52	1	1.73373	1.10937	-0.87869
67	0	20	62	0	1	1	26	15	0	2	170	39	1	0.67287	0.00193	0.74298
68	1	20	62	0	3	2	32	12	0	2	134	53	4	1.36181	-0.28541	2.04569
69	0	20	62	0	0	1	22	12	1	3	155	39	4	0.55219	-0.66128	-0.23690
70	1	21	61	0	1	2	26	13	0	1	140	50	1	0.89751	-0.22594	1.44396
71	1	21	61	0	3	1	27	14	0	2	134	45	1	0.80267	0.36136	1.09667
72	1	21	61	1	0	1	28	14	0	3	125	53	1	1.45180	0.60866	0.94703
73	1	21	61	0	0	2	28	15	1	3	120	41	1	0.66181	1.12930	0.48781
74	1	22	62	0	0	2	30	11	0	1	117	36	2	-0.01314	-0.33947	2.11663
75	1	22	61	0	1	2	26	13	1	3	124	52	1	1.25054	0.29256	0.44082
76	1	22	61	1	0	1	22	16	0	4	150	56	1	1.89931	0.78676	-0.48819

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST	Factor1	Factor2	Factor3
77	1	22	62	0	2	2	25	15	1	4	147	52	1	1.64150	0.59089	-0.28977
78	0	23	62	0	4	1	33	11	0	1	170	54	2	1.39896	-1.40764	2.56834
79	1	23	61	1	1	1	26	17	0	2	129	34	1	0.18516	1.51018	0.63989
80	0	23	61	0	1	1	29	13	1	2	130	55	4	1.32899	0.11485	1.26647
81	1	23	61	0	0	2	25	13	0	3	153	50	1	1.32136	-0.30775	0.49725
82	1	24	61	0	1	1	22	17	0	2	155	55	1	1.51686	0.84612	0.18415
83	1	24	61	1	0	2	21	15	0	3	145	53	1	1.45332	0.45029	-0.18264
84	1	24	61	0	0	1	23	15	1	3	116	43	1	0.67142	1.12100	-0.20040
85	1	24	61	0	0	1	18	13	0	5	140	56	4	1.87059	-0.00327	-1.19018
86	1	25	60	1	1	1	28	17	0	2	115	51	1	1.14255	1.74509	1.09984
87	0	25	60	0	1	2	25	11	0	2	175	42	1	0.64855	-1.46092	0.90084
88	0	25	60	0	0	2	24	13	0	2	179	50	1	1.19920	-0.91323	0.66351
89	0	25	60	0	2	1	33	15	0	3	119	47	1	1.13737	1.17826	1.53903
90	0	26	58	0	1	1	24	10	1	0	140	25	2	-1.14043	-1.19409	1.23552
91	1	26	58	0	1	2	25	16	0	3	185	55	1	1.74750	0.09116	0.19935
92	0	26	58	1	1	1	20	12	1	5	153	53	1	1.56008	-0.49277	-1.20641
93	0	27	55	1	2	1	30	16	1	2	126	44	1	0.49181	1.33178	1.03405
94	1	27	55	0	1	2	30	13	0	2	193	50	4	1.16124	-1.04608	1.43740
95	1	27	55	0	0	1	24	14	0	6	116	47	1	1.27408	1.08658	-0.87027
96	0	28	55	0	1	1	16	12	2	3	175	47	1	0.65477	-1.08402	-1.43679
97	0	28	55	1	1	1	24	14	0	4	140	52	1	1.31904	0.40972	-0.11705
98	1	28	55	0	0	1	26	15	2	4	155	50	3	1.20573	0.55541	-0.54421
99	1	29	52	0	2	1	28	12	0	2	113	45	1	0.26191	0.19313	1.35769
100	0	29	52	0	1	2	25	13	0	3	190	48	1	0.99083	-0.93378	0.29684
101	1	29	52	0	0	2	20	14	2	6	110	40	4	0.47998	1.26121	-2.09946
102	1	30	52	0	0	2	23	11	1	2	159	42	1	0.11659	-1.07505	0.28535
103	0	30	52	1	1	1	23	14	0	3	114	50	1	0.73054	0.84472	0.14394
104	0	30	52	0	2	2	21	12	0	3	126	43	1	0.26464	-0.06526	-0.08008
105	0	30	52	0	1	1	20	11	0	5	170	42	1	0.74980	-1.08485	-1.03732
106	1	31	51	0	2	1	22	13	0	2	150	45	1	0.32249	-0.27135	0.31814
107	0	31	51	0	3	2	24	12	3	4	161	50	1	0.86268	-0.54134	-0.94539
108	0	31	51	1	0	2	24	16	0	5	156	52	1	1.47585	0.90704	-0.73624
109	1	31	51	0	2	1	24	13	0	5	115	51	1	1.11756	0.69340	-0.41037
110	0	32	49	0	1	2	25	12	0	2	235	44	1	0.61942	-2.19534	0.58026
111	1	32	49	0	1	2	24	13	0	3	145	44	1	0.37557	-0.02635	0.20333
112	1	32	49	0	2	1	25	13	0	3	123	49	1	0.58898	0.39445	0.44584
113	0	33	48	0	1	2	19	11	7	0	190	29	1	-1.54917	-1.65261	-1.49159
114	1	33	48	0	1	2	22	11	0	1	155	48	1	0.14701	-1.12504	0.84085

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST	Factor1	Factor2	Factor3
115	0	33	48	1	4	1	22	11	0	3	145	48	1	0.47536	-0.74366	0.09564
116	1	34	47	0	1	1	24	14	0	2	148	45	1	0.20659	0.17505	0.49307
117	0	34	47	0	0	1	22	13	0	3	120	45	1	0.18850	0.44391	-0.03064
118	1	34	47	1	4	1	26	14	0	4	120	47	1	0.60422	0.92851	0.09726
119	0	34	47	0	1	2	20	12	0	5	110	47	1	0.57010	0.44651	-0.96789
120	1	35	47	1	1	1	19	12	0	1	132	47	2	-0.09512	-0.37059	0.37429
121	0	35	47	0	0	1	23	13	0	2	125	47	1	0.16434	0.25946	0.50253
122	0	35	47	0	0	2	23	15	1	3	115	29	1	-0.79476	1.33711	-0.45838
123	0	35	47	0	3	1	21	12	1	5	120	39	2	0.08455	0.33336	-1.21034
124	0	36	46	0	0	1	15	13	0	1	179	40	1	-0.37369	-0.96688	-0.46528
125	1	36	46	0	1	2	19	11	0	3	170	45	1	0.27437	-1.24392	-0.44318
126	1	36	46	0	2	1	26	13	0	7	180	46	1	1.33242	-0.28438	-1.15262
127	1	36	46	1	0	2	27	15	1	11	155	46	4	1.97854	1.29824	-2.93145
128	1	37	46	0	0	1	17	13	0	3	189	39	1	0.02981	-0.93949	-0.98363
129	1	37	46	1	1	1	27	12	4	4	137	46	1	0.27083	0.06724	-0.82994
130	1	37	46	0	1	2	23	12	0	4	107	46	1	0.31722	0.47182	-0.16414
131	0	37	46	0	1	1	22	11	0	6	144	46	2	0.82849	-0.41607	-1.09491
132	1	38	45	0	1	1	25	13	1	1	142	38	1	-0.60500	-0.04441	0.74225
133	1	38	45	0	0	2	20	11	1	1	150	45	1	-0.29492	-0.98689	0.22083
134	0	38	45	1	1	1	33	14	0	2	80	45	1	-0.05154	1.65648	1.93419
135	1	38	45	0	1	1	22	11	0	3	154	46	1	0.26762	-0.88133	0.02569
136	0	39	45	0	1	1	20	12	0	1	102	28	1	-1.46752	0.33490	0.40832
137	1	39	45	0	1	2	23	11	0	2	150	45	1	0.01650	-0.87682	0.55557
138	0	39	45	0	4	1	30	12	0	3	110	45	1	0.16778	0.44192	1.19701
139	1	40	45	0	1	2	22	17	1	2	109	40	1	-0.38737	1.99132	-0.27873
140	1	40	45	0	1	2	30	13	0	2	210	40	1	0.20171	-1.23660	1.20818
141	0	40	45	1	1	1	18	15	4	4	101	45	1	-0.08336	1.66002	-2.27612
142	0	40	45	0	1	1	22	10	0	5	198	33	1	0.04170	-1.83052	-0.89289
143	0	41	45	0	1	2	23	12	3	3	133	45	1	-0.04885	-0.02526	-0.73515
144	1	41	45	0	3	1	23	13	0	3	120	46	1	0.18056	0.47366	0.10142
145	0	41	45	1	4	1	25	16	1	4	124	45	1	0.39260	1.57044	-0.53753
146	0	41	45	0	1	2	23	12	0	4	165	35	1	-0.10777	-0.59751	-0.41699
147	0	42	44	0	1	1	27	14	0	1	125	44	1	-0.23253	0.60867	1.32777
148	0	42	44	1	3	1	25	12	0	3	130	44	1	0.07032	-0.01042	0.41188
149	0	42	44	0	4	1	27	13	1	3	240	45	1	0.67717	-1.75752	0.06037
150	1	43	44	1	1	1	24	15	0	1	130	44	1	-0.23159	0.80394	0.80877
151	1	43	44	0	1	2	22	15	0	1	105	44	4	-0.39230	1.25987	0.58590
152	1	43	44	0	1	1	23	12	0	5	123	33	1	-0.29205	0.33217	-0.72302

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST	Factor1	Factor2	Factor3
153	0	43	44	0	1	2	18	17	1	7	180	44	1	1.03491	1.00526	-2.93302
154	1	44	43	0	3	1	31	12	0	1	104	43	1	-0.43014	0.41553	2.08875
155	0	44	43	1	3	1	27	15	0	2	130	43	4	-0.09173	0.95753	0.83434
156	1	44	43	0	1	1	14	12	1	2	158	21	1	-1.69165	-0.67395	-1.34931
157	1	44	43	0	1	1	20	14	0	6	160	39	1	0.40899	0.31855	-1.74301
158	0	45	27	0	0	2	22	12	0	1	127	27	1	-2.15207	0.05386	0.44427
159	1	45	28	0	1	2	20	11	0	2	145	27	1	-1.89871	-0.58232	-0.18626
160	0	45	28	0	1	1	23	16	0	2	127	29	1	-1.65366	1.49926	-0.07794
161	0	46	53	0	0	1	26	11	0	1	130	49	4	0.37560	-0.62861	1.53511
162	1	46	53	0	1	1	28	11	0	3	140	49	1	0.83988	-0.60581	1.02546
163	0	46	53	1	3	1	29	12	0	4	132	50	1	1.09989	-0.00707	0.73549
164	1	47	56	0	1	2	25	12	2	2	125	47	1	0.42760	-0.07477	0.37365
165	0	47	56	0	1	2	27	11	0	4	265	42	1	1.33480	-2.95780	0.14860
166	1	47	56	0	3	1	26	13	0	4	195	50	1	1.51888	-0.96940	0.09903
167	1	47	56	1	1	1	21	17	1	6	130	47	1	1.35893	1.80428	-1.84646
168	1	48	41	1	1	1	25	16	1	3	105	27	3	-1.15904	1.96736	-0.30037
169	1	48	41	0	1	1	20	13	1	4	161	31	4	-0.63609	-0.14136	-1.27815
170	1	48	41	0	3	1	22	12	0	4	185	41	2	0.16330	-0.99195	-0.59825
171	0	48	41	0	1	2	21	14	0	5	135	36	2	-0.15490	0.76001	-1.19705
172	1	49	41	1	0	1	40	15	0	1	115	41	1	-0.32412	1.38452	3.08147
173	0	49	41	0	0	1	21	16	0	3	140	41	1	-0.14112	1.13069	-0.54931
174	0	49	41	0	1	2	26	14	2	3	195	41	1	0.02619	-0.48180	-0.40056
175	0	49	40	0	1	1	21	12	0	4	145	40	1	-0.15765	-0.21454	-0.65852
176	0	50	41	1	1	1	34	13	1	2	138	42	1	-0.20115	0.28493	1.65072
177	0	50	41	0	1	2	30	12	1	2	129	41	1	-0.41172	0.06431	1.16908
178	0	50	41	0	1	2	21	12	0	2	180	41	1	-0.25778	-1.09669	0.04186

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST	Factor1
1	0	1	39	0	0	2	16	11	1	3	175	39	3	-0.49316
2	0	1	39	0	0	2	20	12	1	3	135	39	2	-0.58612
3	1	1	39	0	1	1	21	11	0	3	125	40	1	-0.52071
4	0	1	39	1	0	1	23	13	0	5	118	39	1	-0.13850
5	0	2	38	0	1	2	20	15	0	2	183	38	1	-0.48007
6	1	2	38	0	1	1	23	13	0	2	192	37	1	-0.50392
7	1	2	38	0	0	2	19	11	0	5	218	38	1	0.11583
8	0	3	38	1	0	1	22	15	2	2	125	38	1	-0.86489
9	0	3	38	0	0	2	20	14	0	2	123	38	1	-0.80876
10	1	3	38	0	1	1	19	13	3	2	140	37	1	-1.03678
11	1	3	38	0	1	1	18	13	0	2	160	38	1	-0.69381
12	0	4	38	0	2	1	26	13	1	1	130	38	2	-0.95109
13	0	4	38	0	1	1	25	16	0	2	130	38	1	-0.61899
14	1	4	38	1	1	1	24	14	2	3	150	38	5	-0.54671
15	1	4	38	0	1	2	23	14	0	4	140	38	1	-0.29137
16	1	5	38	1	1	1	21	17	0	2	150	38	2	-0.56218
17	0	5	38	0	1	2	20	12	1	2	148	38	1	-0.81503
18	1	5	38	0	1	1	16	14	0	6	138	38	4	-0.05241

Obs	Factor2	Factor3	SumScale1	SumScale2	SumScale3
1	-1.26426	-1.29745	39.0	-51.3333	10.6667
2	-0.08507	-0.70019	39.0	-37.6667	12.0000
3	-0.24786	-0.15554	39.5	-34.6667	12.6667
4	0.78814	-0.78444	39.0	-31.6667	12.6667
5	-0.11191	-0.39526	38.0	-52.6667	12.6667
6	-0.91398	0.15634	37.5	-56.3333	13.6667
7	-1.88397	-1.47571	38.0	-65.6667	11.3333
8	1.10705	-0.54294	38.0	-33.3333	12.6667
9	0.71742	-0.16618	38.0	-33.0000	12.6667
10	0.12523	-1.15605	37.5	-39.0000	11.3333
11	-0.37256	-0.46952	38.0	-45.6667	12.0000
12	0.27085	0.84655	38.0	-35.6667	14.6667
13	1.33578	0.37814	38.0	-34.6667	14.3333
14	0.40565	-0.62851	38.0	-42.0000	13.0000
15	0.61934	-0.55043	38.0	-38.6667	13.0000
16	1.22361	-0.32207	38.0	-41.0000	13.0000
17	-0.41747	-0.36649	38.0	-42.0000	12.3333
18	0.73716	-2.31801	38.0	-38.0000	10.0000

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST	Factor1
19	1	6	38	0	4	1	25	8	0	1	180	38	2	-0.81199
20	0	6	38	0	1	2	19	12	0	2	145	35	2	-0.96352
21	0	6	38	1	1	1	24	12	1	3	116	39	1	-0.65009
22	1	6	38	0	2	2	21	10	4	3	195	35	1	-0.82169
23	0	7	37	0	2	1	20	11	2	2	135	37	2	-1.08245
24	1	7	37	0	1	2	22	13	2	2	120	38	1	-0.99617
25	0	7	37	0	0	1	18	10	2	3	155	37	1	-0.86277
26	1	8	36	0	0	1	20	12	1	2	191	36	1	-0.81077
27	0	8	36	0	1	2	23	12	0	2	119	37	1	-0.98417
28	0	8	36	0	0	2	17	10	1	3	185	37	1	-0.70899
29	1	9	35	0	2	2	24	11	0	2	155	35	1	-0.98404
30	0	9	35	1	1	1	23	14	0	3	129	36	1	-0.78713
31	0	9	35	0	1	2	21	11	0	3	170	34	2	-0.83688
32	0	9	36	0	1	1	22	14	0	4	110	36	1	-0.66716
33	1	10	36	0	1	1	33	16	0	1	150	36	1	-0.77016
34	1	10	35	1	1	2	21	12	0	2	105	29	1	-1.62030
35	1	10	36	0	3	1	26	13	1	2	115	36	1	-1.04520
36	0	10	36	0	1	2	22	12	2	3	120	36	1	-1.00386

Obs	Factor2	Factor3	SumScale1	SumScale2	SumScale3
19	-2.44157	1.25132	38.0	-54.0000	14.6667
20	-0.39019	-0.23758	36.5	-41.0000	12.3333
21	0.35590	-0.08927	38.5	-31.3333	13.3333
22	-1.79924	-1.47204	36.5	-58.3333	11.3333
23	-0.45967	-0.56585	37.0	-38.0000	12.0000
24	0.53622	-0.38646	37.5	-32.3333	12.6667
25	-1.12533	-1.21135	37.0	-45.0000	11.0000
26	-1.22655	-0.51282	36.0	-56.3333	12.3333
27	0.18737	0.39861	36.5	-32.3333	13.6667
28	-1.74482	-1.14995	36.5	-55.0000	11.0000
29	-0.81831	0.49995	35.0	-44.6667	14.0000
30	0.77771	-0.18435	35.5	-35.0000	13.3333
31	-1.05862	-0.36157	34.5	-49.6667	12.6667
32	1.21610	-0.65468	36.0	-28.6667	12.6667
33	1.00435	1.82070	36.0	-41.3333	17.3333
34	0.47527	0.06827	32.0	-27.6667	13.0000
35	0.68432	0.46210	36.0	-30.6667	14.3333
36	0.30937	-0.72222	36.0	-32.6667	12.3333

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST	Factor1
37	1	11	35	0	0	2	18	13	2	2	110	35	2	-1.38897
38	0	11	35	0	1	1	21	12	0	2	145	36	1	-0.99661
39	1	11	35	0	1	1	19	11	0	3	170	36	1	-0.75216
40	1	12	34	1	1	2	25	10	1	1	170	34	1	-1.28327
41	1	12	34	0	1	2	25	16	1	1	100	35	1	-1.38043
42	0	12	34	0	1	1	20	11	0	3	240	34	1	-0.55214
43	1	12	35	0	4	1	27	13	0	4	140	35	1	-0.56223
44	0	13	33	0	1	2	21	11	0	1	160	33	1	-1.41226
45	0	13	32	0	1	2	24	12	0	2	155	32	1	-1.26569
46	1	13	33	0	2	1	25	12	1	2	132	33	1	-1.32400
47	0	14	33	0	4	1	21	13	0	1	110	33	1	-1.59701
48	0	14	33	0	1	1	21	12	0	2	145	29	5	-1.50932
49	0	14	33	0	1	2	20	13	1	2	155	29	3	-1.51393
50	1	14	33	1	4	1	28	14	0	5	110	33	1	-0.68075
51	0	15	32	1	1	1	30	13	0	1	129	32	1	-1.44138
52	1	15	32	0	1	1	25	11	0	2	131	32	1	-1.39762
53	0	15	32	0	1	2	20	9	1	2	218	26	3	-1.55368
54	0	15	32	0	1	1	23	16	0	2	115	32	1	-1.35640

Obs	Factor2	Factor3	SumScale1	SumScale2	SumScale3
37	0.70198	-0.97963	35.0	-29.0000	11.3333
38	-0.33558	0.02773	35.5	-41.0000	13.0000
39	-1.09859	-0.63046	35.5	-49.6667	12.0000
40	-1.48359	0.75800	34.0	-50.0000	14.3333
41	1.90758	0.48325	34.5	-24.6667	14.3333
42	-2.42740	-0.69224	34.0	-73.0000	12.3333
43	0.38426	0.04320	35.0	-39.0000	14.3333
44	-1.02711	0.40588	33.0	-46.3333	13.3333
45	-0.43735	0.36728	32.0	-44.3333	14.0000
46	0.04127	0.29683	33.0	-36.6667	14.0000
47	0.62399	0.37905	33.0	-29.0000	13.3333
48	-0.28457	-0.05303	31.0	-41.0000	13.0000
49	-0.12637	-0.58897	31.0	-44.0000	12.3333
50	1.44398	-0.23687	33.0	-28.6667	14.3333
51	0.40672	1.60062	32.0	-35.3333	16.3333
52	-0.29351	0.64818	32.0	-36.6667	14.3333
53	-2.68499	-0.47747	29.0	-66.3333	12.3333
54	1.68129	0.01824	32.0	-29.6667	13.6667

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST	Factor1
55	1	16	31	1	3	1	30	14	1	0	110	30	1	-1.92532
56	0	16	31	0	1	2	23	11	0	2	97	31	1	-1.70728
57	1	16	30	0	0	1	21	14	0	3	130	30	1	-1.40170
58	1	16	31	0	1	2	24	13	0	3	120	31	1	-1.32304
59	1	17	68	1	2	1	22	12	0	3	130	50	2	1.42574
60	1	17	68	0	0	1	34	14	0	3	150	53	4	1.99130
61	1	17	68	0	1	2	19	12	0	7	145	46	4	1.95735
62	0	18	64	0	1	1	25	10	0	2	127	50	4	1.03997
63	0	18	64	1	1	2	30	14	1	3	135	53	1	1.60176
64	0	18	64	0	1	1	26	11	0	5	205	42	4	1.55674
65	0	19	63	0	1	2	24	11	0	3	144	50	1	1.28258
66	0	19	63	1	0	1	21	15	0	5	120	52	1	1.73373
67	0	20	62	0	1	1	26	15	0	2	170	39	1	0.67287
68	1	20	62	0	3	2	32	12	0	2	134	53	4	1.36181
69	0	20	62	0	0	1	22	12	1	3	155	39	4	0.55219
70	1	21	61	0	1	2	26	13	0	1	140	50	1	0.89751
71	1	21	61	0	3	1	27	14	0	2	134	45	1	0.80267
72	1	21	61	1	0	1	28	14	0	3	125	53	1	1.45180

Obs	Factor2	Factor3	SumScale1	SumScale2	SumScale3
55	1.07021	1.63938	30.5	-28.6667	16.3333
56	0.35168	0.42953	31.0	-25.3333	13.6667
57	0.80225	-0.57494	30.0	-35.3333	12.6667
58	0.69028	-0.02466	31.0	-32.3333	13.6667
59	-0.31121	0.27230	59.0	-36.0000	13.0000
60	0.14810	1.81183	60.5	-42.0000	17.0000
61	-0.25774	-1.77121	57.0	-41.0000	10.6667
62	-0.93974	1.20875	57.0	-35.6667	14.3333
63	0.44585	0.94709	58.5	-37.0000	15.3333
64	-1.78741	-0.14839	53.0	-61.3333	13.6667
65	-0.84449	0.55042	56.5	-41.0000	13.6667
66	1.10937	-0.87869	57.5	-31.6667	12.0000
67	0.00193	0.74298	50.5	-48.3333	14.6667
68	-0.28541	2.04569	57.5	-37.3333	16.6667
69	-0.66128	-0.23690	50.5	-44.3333	12.6667
70	-0.22594	1.44396	55.5	-39.0000	15.0000
71	0.36136	1.09667	53.0	-36.6667	15.0000
72	0.60866	0.94703	57.0	-33.6667	15.0000



Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST	Factor1
73	1	21	61	0	0	2	28	15	1	3	120	41	1	0.66181
74	1	22	62	0	0	2	30	11	0	1	117	36	2	-0.01314
75	1	22	61	0	1	2	26	13	1	3	124	52	1	1.25054
76	1	22	61	1	0	1	22	16	0	4	150	56	1	1.89931
77	1	22	62	0	2	2	25	15	1	4	147	52	1	1.64150
78	0	23	62	0	4	1	33	11	0	1	170	54	2	1.39896
79	1	23	61	1	1	1	26	17	0	2	129	34	1	0.18516
80	0	23	61	0	1	1	29	13	1	2	130	55	4	1.32899
81	1	23	61	0	0	2	25	13	0	3	153	50	1	1.32136
82	1	24	61	0	1	1	22	17	0	2	155	55	1	1.51686
83	1	24	61	1	0	2	21	15	0	3	145	53	1	1.45332
84	1	24	61	0	0	1	23	15	1	3	116	43	1	0.67142
85	1	24	61	0	0	1	18	13	0	5	140	56	4	1.87059
86	1	25	60	1	1	1	28	17	0	2	115	51	1	1.14255
87	0	25	60	0	1	2	25	11	0	2	175	42	1	0.64855
88	0	25	60	0	0	2	24	13	0	2	179	50	1	1.19920
89	0	25	60	0	2	1	33	15	0	3	119	47	1	1.13737
90	0	26	58	0	1	1	24	10	1	0	140	25	2	-1.14043

Obs	Factor2	Factor3	SumScale1	SumScale2	SumScale3
73	1.12930	0.48781	51.0	-31.6667	14.6667
74	-0.33947	2.11663	49.0	-32.0000	16.3333
75	0.29256	0.44082	56.5	-33.6667	14.0000
76	0.78676	-0.48819	58.5	-41.3333	12.6667
77	0.59089	-0.28977	57.0	-40.6667	13.3333
78	-1.40764	2.56834	58.0	-49.6667	17.3333
79	1.51018	0.63989	47.5	-34.0000	14.6667
80	0.11485	1.26647	58.0	-35.6667	15.3333
81	-0.30775	0.49725	55.5	-43.3333	14.0000
82	0.84612	0.18415	58.0	-42.6667	13.3333
83	0.45029	-0.18264	57.0	-40.0000	12.6667
84	1.12100	-0.20040	52.0	-30.3333	13.0000
85	-0.00327	-1.19018	58.5	-39.0000	11.0000
86	1.74509	1.09984	55.5	-29.3333	15.3333
87	-1.46092	0.90084	51.0	-51.3333	14.3333
88	-0.91323	0.66351	55.0	-52.0000	14.0000
89	1.17826	1.53903	53.5	-31.3333	16.6667
90	-1.19409	1.23552	41.5	-40.0000	14.3333

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST	Factor1
91	1	26	58	0	1	2	25	16	0	3	185	55	1	1.74750
92	0	26	58	1	1	1	20	12	1	5	153	53	1	1.56008
93	0	27	55	1	2	1	30	16	1	2	126	44	1	0.49181
94	1	27	55	0	1	2	30	13	0	2	193	50	4	1.16124
95	1	27	55	0	0	1	24	14	0	6	116	47	1	1.27408
96	0	28	55	0	1	1	16	12	2	3	175	47	1	0.65477
97	0	28	55	1	1	1	24	14	0	4	140	52	1	1.31904
98	1	28	55	0	0	1	26	15	2	4	155	50	3	1.20573
99	1	29	52	0	2	1	28	12	0	2	113	45	1	0.26191
100	0	29	52	0	1	2	25	13	0	3	190	48	1	0.99083
101	1	29	52	0	0	2	20	14	2	6	110	40	4	0.47998
102	1	30	52	0	0	2	23	11	1	2	159	42	1	0.11659
103	0	30	52	1	1	1	23	14	0	3	114	50	1	0.73054
104	0	30	52	0	2	2	21	12	0	3	126	43	1	0.26464
105	0	30	52	0	1	1	20	11	0	5	170	42	1	0.74980
106	1	31	51	0	2	1	22	13	0	2	150	45	1	0.32249
107	0	31	51	0	3	2	24	12	3	4	161	50	1	0.86268
108	0	31	51	1	0	2	24	16	0	5	156	52	1	1.47585

Obs	Factor2	Factor3	SumScale1	SumScale2	SumScale3
91	0.09116	0.19935	56.5	-53.0000	14.0000
92	-0.49277	-1.20641	55.5	-43.6667	11.3333
93	1.33178	1.03405	49.5	-33.3333	15.6667
94	-1.04608	1.43740	52.5	-56.6667	16.0000
95	1.08658	-0.87027	51.0	-30.6667	12.6667
96	-1.08402	-1.43679	51.0	-51.0000	10.3333
97	0.40972	-0.11705	53.5	-38.6667	13.3333
98	0.55541	-0.54421	52.5	-43.3333	13.3333
99	0.19313	1.35769	48.5	-30.3333	15.3333
100	-0.93378	0.29684	50.0	-55.6667	14.0000
101	1.26121	-2.09946	46.0	-28.6667	10.6667
102	-1.07505	0.28535	47.0	-46.0000	13.3333
103	0.84472	0.14394	51.0	-30.0000	13.3333
104	-0.06526	-0.08008	47.5	-34.6667	12.6667
105	-1.08485	-1.03732	47.0	-49.6667	11.6667
106	-0.27135	0.31814	48.0	-42.3333	13.3333
107	-0.54134	-0.94539	50.5	-46.3333	12.3333
108	0.90704	-0.73624	51.5	-43.3333	13.0000

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST	Factor1
109	1	31	51	0	2	1	24	13	0	5	115	51	1	1.11756
110	0	32	49	0	1	2	25	12	0	2	235	44	1	0.61942
111	1	32	49	0	1	2	24	13	0	3	145	44	1	0.37557
112	1	32	49	0	2	1	25	13	0	3	123	49	1	0.58898
113	0	33	48	0	1	2	19	11	7	0	190	29	1	-1.54917
114	1	33	48	0	1	2	22	11	0	1	155	48	1	0.14701
115	0	33	48	1	4	1	22	11	0	3	145	48	1	0.47536
116	1	34	47	0	1	1	24	14	0	2	148	45	1	0.20659
117	0	34	47	0	0	1	22	13	0	3	120	45	1	0.18850
118	1	34	47	1	4	1	26	14	0	4	120	47	1	0.60422
119	0	34	47	0	1	2	20	12	0	5	110	47	1	0.57010
120	1	35	47	1	1	1	19	12	0	1	132	47	2	-0.09512
121	0	35	47	0	0	1	23	13	0	2	125	47	1	0.16434
122	0	35	47	0	0	2	23	15	1	3	115	29	1	-0.79476
123	0	35	47	0	3	1	21	12	1	5	120	39	2	0.08455
124	0	36	46	0	0	1	15	13	0	1	179	40	1	-0.37369
125	1	36	46	0	1	2	19	11	0	3	170	45	1	0.27437
126	1	36	46	0	2	1	26	13	0	7	180	46	1	1.33242

Obs	Factor2	Factor3	SumScale1	SumScale2	SumScale3
109	0.69340	-0.41037	51.0	-30.6667	13.0000
110	-2.19534	0.58026	46.5	-71.0000	14.3333
111	-0.02635	0.20333	46.5	-40.6667	13.6667
112	0.39445	0.44584	49.0	-33.3333	14.0000
113	-1.65261	-1.49159	38.5	-56.3333	10.6667
114	-1.12504	0.84085	48.0	-44.6667	13.6667
115	-0.74366	0.09564	48.0	-41.3333	13.0000
116	0.17505	0.49307	46.0	-41.3333	14.0000
117	0.44391	-0.03064	46.0	-32.3333	13.0000
118	0.92851	0.09726	47.0	-32.0000	14.0000
119	0.44651	-0.96789	47.0	-29.3333	11.6667
120	-0.37059	0.37429	47.0	-36.6667	12.6667
121	0.25946	0.50253	47.0	-34.0000	13.6667
122	1.33711	-0.45838	38.0	-30.0000	13.0000
123	0.33336	-1.21034	43.0	-32.6667	11.6667
124	-0.96688	-0.46528	43.0	-52.0000	11.3333
125	-1.24392	-0.44318	45.5	-49.6667	12.0000
126	-0.28438	-1.15262	46.0	-52.3333	13.0000

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST	Factor1
127	1	36	46	1	0	2	27	15	1	11	155	46	4	1.97854
128	1	37	46	0	0	1	17	13	0	3	189	39	1	0.02981
129	1	37	46	1	1	1	27	12	4	4	137	46	1	0.27083
130	1	37	46	0	1	2	23	12	0	4	107	46	1	0.31722
131	0	37	46	0	1	1	22	11	0	6	144	46	2	0.82849
132	1	38	45	0	1	1	25	13	1	1	142	38	1	-0.60500
133	1	38	45	0	0	2	20	11	1	1	150	45	1	-0.29492
134	0	38	45	1	1	1	33	14	0	2	80	45	1	-0.05154
135	1	38	45	0	1	1	22	11	0	3	154	46	1	0.26762
136	0	39	45	0	1	1	20	12	0	1	102	28	1	-1.46752
137	1	39	45	0	1	2	23	11	0	2	150	45	1	0.01650
138	0	39	45	0	4	1	30	12	0	3	110	45	1	0.16778
139	1	40	45	0	1	2	22	17	1	2	109	40	1	-0.38737
140	1	40	45	0	1	2	30	13	0	2	210	40	1	0.20171
141	0	40	45	1	1	1	18	15	4	4	101	45	1	-0.08336
142	0	40	45	0	1	1	22	10	0	5	198	33	1	0.04170
143	0	41	45	0	1	2	23	12	3	3	133	45	1	-0.04885
144	1	41	45	0	3	1	23	13	0	3	120	46	1	0.18056

Obs	Factor2	Factor3	SumScale1	SumScale2	SumScale3
127	1.29824	-2.93145	46.0	-43.3333	11.6667
128	-0.93949	-0.98363	42.5	-55.3333	11.3333
129	0.06724	-0.82994	46.0	-38.3333	13.0000
130	0.47182	-0.16414	46.0	-28.3333	13.0000
131	-0.41607	-1.09491	46.0	-41.0000	12.0000
132	-0.04441	0.74225	41.5	-39.6667	14.3333
133	-0.98689	0.22083	45.0	-43.0000	12.6667
134	1.65648	1.93419	45.0	-18.6667	17.0000
135	-0.88133	0.02569	45.5	-44.3333	13.0000
136	0.33490	0.40832	36.5	-26.6667	13.0000
137	-0.87682	0.55557	45.0	-43.0000	13.6667
138	0.44192	1.19701	45.0	-29.3333	15.6667
139	1.99132	-0.27873	42.5	-27.3333	13.0000
140	-1.23660	1.20818	42.5	-62.3333	16.0000
141	1.66002	-2.27612	45.0	-25.3333	10.0000
142	-1.83052	-0.89289	39.0	-59.3333	12.3333
143	-0.02526	-0.73515	45.0	-37.0000	12.3333
144	0.47366	0.10142	45.5	-32.3333	13.3333

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST	Factor1
145	0	41	45	1	4	1	25	16	1	4	124	45	1	0.39260
146	0	41	45	0	1	2	23	12	0	4	165	35	1	-0.10777
147	0	42	44	0	1	1	27	14	0	1	125	44	1	-0.23253
148	0	42	44	1	3	1	25	12	0	3	130	44	1	0.07032
149	0	42	44	0	4	1	27	13	1	3	240	45	1	0.67717
150	1	43	44	1	1	1	24	15	0	1	130	44	1	-0.23159
151	1	43	44	0	1	2	22	15	0	1	105	44	4	-0.39230
152	1	43	44	0	1	1	23	12	0	5	123	33	1	-0.29205
153	0	43	44	0	1	2	18	17	1	7	180	44	1	1.03491
154	1	44	43	0	3	1	31	12	0	1	104	43	1	-0.43014
155	0	44	43	1	3	1	27	15	0	2	130	43	4	-0.09173
156	1	44	43	0	1	1	14	12	1	2	158	21	1	-1.69165
157	1	44	43	0	1	1	20	14	0	6	160	39	1	0.40899
158	0	45	27	0	0	2	22	12	0	1	127	27	1	-2.15207
159	1	45	28	0	1	2	20	11	0	2	145	27	1	-1.89871
160	0	45	28	0	1	1	23	16	0	2	127	29	1	-1.65366
161	0	46	53	0	0	1	26	11	0	1	130	49	4	0.37560
162	1	46	53	0	1	1	28	11	0	3	140	49	1	0.83988

Obs	Factor2	Factor3	SumScale1	SumScale2	SumScale3
145	1.57044	-0.53753	45.0	-32.6667	13.3333
146	-0.59751	-0.41699	40.0	-47.6667	13.0000
147	0.60867	1.32777	44.0	-33.6667	15.3333
148	-0.01042	0.41188	44.0	-36.0000	14.0000
149	-1.75752	0.06037	44.5	-72.3333	14.3333
150	0.80394	0.80877	44.0	-35.0000	14.3333
151	1.25987	0.58590	44.0	-26.6667	13.6667
152	0.33217	-0.72302	38.5	-33.6667	12.6667
153	1.00526	-2.93302	44.0	-51.0000	10.0000
154	0.41553	2.08875	43.0	-27.3333	16.6667
155	0.95753	0.83434	43.0	-35.0000	15.0000
156	-0.67395	-1.34931	32.0	-45.3333	10.3333
157	0.31855	-1.74301	41.0	-45.3333	11.3333
158	0.05386	0.44427	27.0	-35.0000	13.6667
159	-0.58232	-0.18626	27.5	-41.3333	12.6667
160	1.49926	-0.07794	28.5	-33.6667	13.6667
161	-0.62861	1.53511	51.0	-36.3333	15.0000
162	-0.60581	1.02546	51.0	-39.6667	15.0000

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST	Factor1
163	0	46	53	1	3	1	29	12	0	4	132	50	1	1.09989
164	1	47	56	0	1	2	25	12	2	2	125	47	1	0.42760
165	0	47	56	0	1	2	27	11	0	4	265	42	1	1.33480
166	1	47	56	0	3	1	26	13	0	4	195	50	1	1.51888
167	1	47	56	1	1	1	21	17	1	6	130	47	1	1.35893
168	1	48	41	1	1	1	25	16	1	3	105	27	3	-1.15904
169	1	48	41	0	1	1	20	13	1	4	161	31	4	-0.63609
170	1	48	41	0	3	1	22	12	0	4	185	41	2	0.16330
171	0	48	41	0	1	2	21	14	0	5	135	36	2	-0.15490
172	1	49	41	1	0	1	40	15	0	1	115	41	1	-0.32412
173	0	49	41	0	0	1	21	16	0	3	140	41	1	-0.14112
174	0	49	41	0	1	2	26	14	2	3	195	41	1	0.02619
175	0	49	40	0	1	1	21	12	0	4	145	40	1	-0.15765
176	0	50	41	1	1	1	34	13	1	2	138	42	1	-0.20115
177	0	50	41	0	1	2	30	12	1	2	129	41	1	-0.41172
178	0	50	41	0	1	2	21	12	0	2	180	41	1	-0.25778

Obs	Factor2	Factor3	SumScale1	SumScale2	SumScale3
163	-0.00707	0.73549	51.5	-36.6667	15.0000
164	-0.07477	0.37365	51.5	-34.3333	13.6667
165	-2.95780	0.14860	49.0	-81.3333	14.3333
166	-0.96940	0.09903	53.0	-57.3333	14.0000
167	1.80428	-1.84646	51.5	-34.3333	11.3333
168	1.96736	-0.30037	34.0	-26.3333	13.6667
169	-0.14136	-1.27815	36.0	-46.0000	11.6667
170	-0.99195	-0.59825	41.0	-54.3333	12.6667
171	0.76001	-1.19705	38.5	-37.0000	12.0000
172	1.38452	3.08147	41.0	-30.0000	19.6667
173	1.13069	-0.54931	41.0	-38.0000	12.6667
174	-0.48180	-0.40056	41.0	-57.0000	13.6667
175	-0.21454	-0.65852	40.0	-41.0000	12.3333
176	0.28493	1.65072	41.5	-38.3333	17.0000
177	0.06431	1.16908	41.0	-35.6667	15.6667
178	-1.09669	0.04186	41.0	-52.6667	13.0000

### The MEANS Procedure

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
Factor1		178	7.48465E-18	1.0000000	-2.1520716	1.9913000
Factor2		178	9.979533E-17	1.0000000	-2.9578049	1.9913210
Factor3		178	1.091511E-18	1.0000000	-2.9330215	3.0814688
SumScale1	SumScale1	178	43.5814607	8.1871019	27.0000000	60.5000000
SumScale2	SumScale2	178	-40.5411985	10.4480835	-81.3333333	-18.6666667
SumScale3	SumScale3	178	13.4026217	1.6049416	10.0000000	19.6666667

### The CORR Procedure

<b>6 Variables:</b>	Factor1	Factor2	Factor3	SumScale1	SumScale2	SumScale3
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Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
<b>Factor1</b>	178	0	1.00000	0	-2.15207	1.99130	
<b>Factor2</b>	178	0	1.00000	0	-2.95780	1.99132	
<b>Factor3</b>	178	0	1.00000	0	-2.93302	3.08147	
<b>SumScale1</b>	178	43.58146	8.18710	7758	27.00000	60.50000	SumScale1
<b>SumScale2</b>	178	-40.54120	10.44808	-7216	-81.33333	-18.66667	SumScale2
<b>SumScale3</b>	178	13.40262	1.60494	2386	10.00000	19.66667	SumScale3

Pearson Correlation Coefficients, N = 178 Prob >  r  under H0: Rho=0						
	Factor1	Factor2	Factor3	SumScale1	SumScale2	SumScale3
<b>Factor1</b>	1.00000	0.00000 1.0000	0.00000 1.0000	0.94043 <.0001	-0.15167 0.0433	0.09018 0.2312
<b>Factor2</b>	0.00000 1.0000	1.00000	0.00000 1.0000	0.01290 0.8643	0.82147 <.0001	0.13985 0.0626
<b>Factor3</b>	0.00000 1.0000	0.00000 1.0000	1.00000	0.18225 0.0149	0.18266 0.0147	0.93497 <.0001
<b>SumScale1</b> SumScale1	0.94043 <.0001	0.01290 0.8643	0.18225 0.0149	1.00000	-0.01892 0.8021	0.18639 0.0127
<b>SumScale2</b> SumScale2	-0.15167 0.0433	0.82147 <.0001	0.18266 0.0147	-0.01892 0.8021	1.00000	0.18078 0.0157
<b>SumScale3</b> SumScale3	0.09018 0.2312	0.13985 0.0626	0.93497 <.0001	0.18639 0.0127	0.18078 0.0157	1.00000



Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST	Factor1
1	1	1	39	0	1	1	21	11	0	3	125	40	1	-0.52071
2	1	2	38	0	1	1	23	13	0	2	192	37	1	-0.50392
3	1	2	38	0	0	2	19	11	0	5	218	38	1	0.11583
4	1	3	38	0	1	1	19	13	3	2	140	37	1	-1.03678
5	1	3	38	0	1	1	18	13	0	2	160	38	1	-0.69381
6	1	4	38	1	1	1	24	14	2	3	150	38	5	-0.54671
7	1	4	38	0	1	2	23	14	0	4	140	38	1	-0.29137
8	1	5	38	1	1	1	21	17	0	2	150	38	2	-0.56218
9	1	5	38	0	1	1	16	14	0	6	138	38	4	-0.05241
10	1	6	38	0	4	1	25	8	0	1	180	38	2	-0.81199
11	1	6	38	0	2	2	21	10	4	3	195	35	1	-0.82169
12	1	7	37	0	1	2	22	13	2	2	120	38	1	-0.99617
13	1	8	36	0	0	1	20	12	1	2	191	36	1	-0.81077
14	1	9	35	0	2	2	24	11	0	2	155	35	1	-0.98404
15	1	10	36	0	1	1	33	16	0	1	150	36	1	-0.77016
16	1	10	35	1	1	2	21	12	0	2	105	29	1	-1.62030
17	1	10	36	0	3	1	26	13	1	2	115	36	1	-1.04520
18	1	11	35	0	0	2	18	13	2	2	110	35	2	-1.38897

Obs	Factor2	Factor3	SumScale1	SumScale2	SumScale3
1	-0.24786	-0.15554	39.5	-34.6667	12.6667
2	-0.91398	0.15634	37.5	-56.3333	13.6667
3	-1.88397	-1.47571	38.0	-65.6667	11.3333
4	0.12523	-1.15605	37.5	-39.0000	11.3333
5	-0.37256	-0.46952	38.0	-45.6667	12.0000
6	0.40565	-0.62851	38.0	-42.0000	13.0000
7	0.61934	-0.55043	38.0	-38.6667	13.0000
8	1.22361	-0.32207	38.0	-41.0000	13.0000
9	0.73716	-2.31801	38.0	-38.0000	10.0000
10	-2.44157	1.25132	38.0	-54.0000	14.6667
11	-1.79924	-1.47204	36.5	-58.3333	11.3333
12	0.53622	-0.38646	37.5	-32.3333	12.6667
13	-1.22655	-0.51282	36.0	-56.3333	12.3333
14	-0.81831	0.49995	35.0	-44.6667	14.0000
15	1.00435	1.82070	36.0	-41.3333	17.3333
16	0.47527	0.06827	32.0	-27.6667	13.0000
17	0.68432	0.46210	36.0	-30.6667	14.3333
18	0.70198	-0.97963	35.0	-29.0000	11.3333

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST	Factor1
19	1	11	35	0	1	1	19	11	0	3	170	36	1	-0.75216
20	1	12	34	1	1	2	25	10	1	1	170	34	1	-1.28327
21	1	12	34	0	1	2	25	16	1	1	100	35	1	-1.38043
22	1	12	35	0	4	1	27	13	0	4	140	35	1	-0.56223
23	1	13	33	0	2	1	25	12	1	2	132	33	1	-1.32400
24	1	14	33	1	4	1	28	14	0	5	110	33	1	-0.68075
25	1	15	32	0	1	1	25	11	0	2	131	32	1	-1.39762
26	1	16	31	1	3	1	30	14	1	0	110	30	1	-1.92532
27	1	16	30	0	0	1	21	14	0	3	130	30	1	-1.40170
28	1	16	31	0	1	2	24	13	0	3	120	31	1	-1.32304
29	1	17	68	1	2	1	22	12	0	3	130	50	2	1.42574
30	1	17	68	0	0	1	34	14	0	3	150	53	4	1.99130
31	1	17	68	0	1	2	19	12	0	7	145	46	4	1.95735
32	1	20	62	0	3	2	32	12	0	2	134	53	4	1.36181
33	1	21	61	0	1	2	26	13	0	1	140	50	1	0.89751
34	1	21	61	0	3	1	27	14	0	2	134	45	1	0.80267
35	1	21	61	1	0	1	28	14	0	3	125	53	1	1.45180
36	1	21	61	0	0	2	28	15	1	3	120	41	1	0.66181

Obs	Factor2	Factor3	SumScale1	SumScale2	SumScale3
19	-1.09859	-0.63046	35.5	-49.6667	12.0000
20	-1.48359	0.75800	34.0	-50.0000	14.3333
21	1.90758	0.48325	34.5	-24.6667	14.3333
22	0.38426	0.04320	35.0	-39.0000	14.3333
23	0.04127	0.29683	33.0	-36.6667	14.0000
24	1.44398	-0.23687	33.0	-28.6667	14.3333
25	-0.29351	0.64818	32.0	-36.6667	14.3333
26	1.07021	1.63938	30.5	-28.6667	16.3333
27	0.80225	-0.57494	30.0	-35.3333	12.6667
28	0.69028	-0.02466	31.0	-32.3333	13.6667
29	-0.31121	0.27230	59.0	-36.0000	13.0000
30	0.14810	1.81183	60.5	-42.0000	17.0000
31	-0.25774	-1.77121	57.0	-41.0000	10.6667
32	-0.28541	2.04569	57.5	-37.3333	16.6667
33	-0.22594	1.44396	55.5	-39.0000	15.0000
34	0.36136	1.09667	53.0	-36.6667	15.0000
35	0.60866	0.94703	57.0	-33.6667	15.0000
36	1.12930	0.48781	51.0	-31.6667	14.6667

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST	Factor1
37	1	22	62	0	0	2	30	11	0	1	117	36	2	-0.01314
38	1	22	61	0	1	2	26	13	1	3	124	52	1	1.25054
39	1	22	61	1	0	1	22	16	0	4	150	56	1	1.89931
40	1	22	62	0	2	2	25	15	1	4	147	52	1	1.64150
41	1	23	61	1	1	1	26	17	0	2	129	34	1	0.18516
42	1	23	61	0	0	2	25	13	0	3	153	50	1	1.32136
43	1	24	61	0	1	1	22	17	0	2	155	55	1	1.51686
44	1	24	61	1	0	2	21	15	0	3	145	53	1	1.45332
45	1	24	61	0	0	1	23	15	1	3	116	43	1	0.67142
46	1	24	61	0	0	1	18	13	0	5	140	56	4	1.87059
47	1	25	60	1	1	1	28	17	0	2	115	51	1	1.14255
48	1	26	58	0	1	2	25	16	0	3	185	55	1	1.74750
49	1	27	55	0	1	2	30	13	0	2	193	50	4	1.16124
50	1	27	55	0	0	1	24	14	0	6	116	47	1	1.27408
51	1	28	55	0	0	1	26	15	2	4	155	50	3	1.20573
52	1	29	52	0	2	1	28	12	0	2	113	45	1	0.26191
53	1	29	52	0	0	2	20	14	2	6	110	40	4	0.47998
54	1	30	52	0	0	2	23	11	1	2	159	42	1	0.11659

Obs	Factor2	Factor3	SumScale1	SumScale2	SumScale3
37	-0.33947	2.11663	49.0	-32.0000	16.3333
38	0.29256	0.44082	56.5	-33.6667	14.0000
39	0.78676	-0.48819	58.5	-41.3333	12.6667
40	0.59089	-0.28977	57.0	-40.6667	13.3333
41	1.51018	0.63989	47.5	-34.0000	14.6667
42	-0.30775	0.49725	55.5	-43.3333	14.0000
43	0.84612	0.18415	58.0	-42.6667	13.3333
44	0.45029	-0.18264	57.0	-40.0000	12.6667
45	1.12100	-0.20040	52.0	-30.3333	13.0000
46	-0.00327	-1.19018	58.5	-39.0000	11.0000
47	1.74509	1.09984	55.5	-29.3333	15.3333
48	0.09116	0.19935	56.5	-53.0000	14.0000
49	-1.04608	1.43740	52.5	-56.6667	16.0000
50	1.08658	-0.87027	51.0	-30.6667	12.6667
51	0.55541	-0.54421	52.5	-43.3333	13.3333
52	0.19313	1.35769	48.5	-30.3333	15.3333
53	1.26121	-2.09946	46.0	-28.6667	10.6667
54	-1.07505	0.28535	47.0	-46.0000	13.3333

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST	Factor1
55	1	31	51	0	2	1	22	13	0	2	150	45	1	0.32249
56	1	31	51	0	2	1	24	13	0	5	115	51	1	1.11756
57	1	32	49	0	1	2	24	13	0	3	145	44	1	0.37557
58	1	32	49	0	2	1	25	13	0	3	123	49	1	0.58898
59	1	33	48	0	1	2	22	11	0	1	155	48	1	0.14701
60	1	34	47	0	1	1	24	14	0	2	148	45	1	0.20659
61	1	34	47	1	4	1	26	14	0	4	120	47	1	0.60422
62	1	35	47	1	1	1	19	12	0	1	132	47	2	-0.09512
63	1	36	46	0	1	2	19	11	0	3	170	45	1	0.27437
64	1	36	46	0	2	1	26	13	0	7	180	46	1	1.33242
65	1	36	46	1	0	2	27	15	1	11	155	46	4	1.97854
66	1	37	46	0	0	1	17	13	0	3	189	39	1	0.02981
67	1	37	46	1	1	1	27	12	4	4	137	46	1	0.27083
68	1	37	46	0	1	2	23	12	0	4	107	46	1	0.31722
69	1	38	45	0	1	1	25	13	1	1	142	38	1	-0.60500
70	1	38	45	0	0	2	20	11	1	1	150	45	1	-0.29492
71	1	38	45	0	1	1	22	11	0	3	154	46	1	0.26762
72	1	39	45	0	1	2	23	11	0	2	150	45	1	0.01650

Obs	Factor2	Factor3	SumScale1	SumScale2	SumScale3
55	-0.27135	0.31814	48.0	-42.3333	13.3333
56	0.69340	-0.41037	51.0	-30.6667	13.0000
57	-0.02635	0.20333	46.5	-40.6667	13.6667
58	0.39445	0.44584	49.0	-33.3333	14.0000
59	-1.12504	0.84085	48.0	-44.6667	13.6667
60	0.17505	0.49307	46.0	-41.3333	14.0000
61	0.92851	0.09726	47.0	-32.0000	14.0000
62	-0.37059	0.37429	47.0	-36.6667	12.6667
63	-1.24392	-0.44318	45.5	-49.6667	12.0000
64	-0.28438	-1.15262	46.0	-52.3333	13.0000
65	1.29824	-2.93145	46.0	-43.3333	11.6667
66	-0.93949	-0.98363	42.5	-55.3333	11.3333
67	0.06724	-0.82994	46.0	-38.3333	13.0000
68	0.47182	-0.16414	46.0	-28.3333	13.0000
69	-0.04441	0.74225	41.5	-39.6667	14.3333
70	-0.98689	0.22083	45.0	-43.0000	12.6667
71	-0.88133	0.02569	45.5	-44.3333	13.0000
72	-0.87682	0.55557	45.0	-43.0000	13.6667

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST	Factor1
73	1	40	45	0	1	2	22	17	1	2	109	40	1	-0.38737
74	1	40	45	0	1	2	30	13	0	2	210	40	1	0.20171
75	1	41	45	0	3	1	23	13	0	3	120	46	1	0.18056
76	1	43	44	1	1	1	24	15	0	1	130	44	1	-0.23159
77	1	43	44	0	1	2	22	15	0	1	105	44	4	-0.39230
78	1	43	44	0	1	1	23	12	0	5	123	33	1	-0.29205
79	1	44	43	0	3	1	31	12	0	1	104	43	1	-0.43014
80	1	44	43	0	1	1	14	12	1	2	158	21	1	-1.69165
81	1	44	43	0	1	1	20	14	0	6	160	39	1	0.40899
82	1	45	28	0	1	2	20	11	0	2	145	27	1	-1.89871
83	1	46	53	0	1	1	28	11	0	3	140	49	1	0.83988
84	1	47	56	0	1	2	25	12	2	2	125	47	1	0.42760
85	1	47	56	0	3	1	26	13	0	4	195	50	1	1.51888
86	1	47	56	1	1	1	21	17	1	6	130	47	1	1.35893
87	1	48	41	1	1	1	25	16	1	3	105	27	3	-1.15904
88	1	48	41	0	1	1	20	13	1	4	161	31	4	-0.63609
89	1	48	41	0	3	1	22	12	0	4	185	41	2	0.16330
90	1	49	41	1	0	1	40	15	0	1	115	41	1	-0.32412

Obs	Factor2	Factor3	SumScale1	SumScale2	SumScale3
73	1.99132	-0.27873	42.5	-27.3333	13.0000
74	-1.23660	1.20818	42.5	-62.3333	16.0000
75	0.47366	0.10142	45.5	-32.3333	13.3333
76	0.80394	0.80877	44.0	-35.0000	14.3333
77	1.25987	0.58590	44.0	-26.6667	13.6667
78	0.33217	-0.72302	38.5	-33.6667	12.6667
79	0.41553	2.08875	43.0	-27.3333	16.6667
80	-0.67395	-1.34931	32.0	-45.3333	10.3333
81	0.31855	-1.74301	41.0	-45.3333	11.3333
82	-0.58232	-0.18626	27.5	-41.3333	12.6667
83	-0.60581	1.02546	51.0	-39.6667	15.0000
84	-0.07477	0.37365	51.5	-34.3333	13.6667
85	-0.96940	0.09903	53.0	-57.3333	14.0000
86	1.80428	-1.84646	51.5	-34.3333	11.3333
87	1.96736	-0.30037	34.0	-26.3333	13.6667
88	-0.14136	-1.27815	36.0	-46.0000	11.6667
89	-0.99195	-0.59825	41.0	-54.3333	12.6667
90	1.38452	3.08147	41.0	-30.0000	19.6667

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST	Factor1
1	0	1	39	0	0	2	16	11	1	3	175	39	3	-0.49316
2	0	1	39	0	0	2	20	12	1	3	135	39	2	-0.58612
3	0	1	39	1	0	1	23	13	0	5	118	39	1	-0.13850
4	0	2	38	0	1	2	20	15	0	2	183	38	1	-0.48007
5	0	3	38	1	0	1	22	15	2	2	125	38	1	-0.86489
6	0	3	38	0	0	2	20	14	0	2	123	38	1	-0.80876
7	0	4	38	0	2	1	26	13	1	1	130	38	2	-0.95109
8	0	4	38	0	1	1	25	16	0	2	130	38	1	-0.61899
9	0	5	38	0	1	2	20	12	1	2	148	38	1	-0.81503
10	0	6	38	0	1	2	19	12	0	2	145	35	2	-0.96352
11	0	6	38	1	1	1	24	12	1	3	116	39	1	-0.65009
12	0	7	37	0	2	1	20	11	2	2	135	37	2	-1.08245
13	0	7	37	0	0	1	18	10	2	3	155	37	1	-0.86277
14	0	8	36	0	1	2	23	12	0	2	119	37	1	-0.98417
15	0	8	36	0	0	2	17	10	1	3	185	37	1	-0.70899
16	0	9	35	1	1	1	23	14	0	3	129	36	1	-0.78713
17	0	9	35	0	1	2	21	11	0	3	170	34	2	-0.83688
18	0	9	36	0	1	1	22	14	0	4	110	36	1	-0.66716

Obs	Factor2	Factor3	SumScale1	SumScale2	SumScale3
1	-1.26426	-1.29745	39.0	-51.3333	10.6667
2	-0.08507	-0.70019	39.0	-37.6667	12.0000
3	0.78814	-0.78444	39.0	-31.6667	12.6667
4	-0.11191	-0.39526	38.0	-52.6667	12.6667
5	1.10705	-0.54294	38.0	-33.3333	12.6667
6	0.71742	-0.16618	38.0	-33.0000	12.6667
7	0.27085	0.84655	38.0	-35.6667	14.6667
8	1.33578	0.37814	38.0	-34.6667	14.3333
9	-0.41747	-0.36649	38.0	-42.0000	12.3333
10	-0.39019	-0.23758	36.5	-41.0000	12.3333
11	0.35590	-0.08927	38.5	-31.3333	13.3333
12	-0.45967	-0.56585	37.0	-38.0000	12.0000
13	-1.12533	-1.21135	37.0	-45.0000	11.0000
14	0.18737	0.39861	36.5	-32.3333	13.6667
15	-1.74482	-1.14995	36.5	-55.0000	11.0000
16	0.77771	-0.18435	35.5	-35.0000	13.3333
17	-1.05862	-0.36157	34.5	-49.6667	12.6667
18	1.21610	-0.65468	36.0	-28.6667	12.6667

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST	Factor1
19	0	10	36	0	1	2	22	12	2	3	120	36	1	-1.00386
20	0	11	35	0	1	1	21	12	0	2	145	36	1	-0.99661
21	0	12	34	0	1	1	20	11	0	3	240	34	1	-0.55214
22	0	13	33	0	1	2	21	11	0	1	160	33	1	-1.41226
23	0	13	32	0	1	2	24	12	0	2	155	32	1	-1.26569
24	0	14	33	0	4	1	21	13	0	1	110	33	1	-1.59701
25	0	14	33	0	1	1	21	12	0	2	145	29	5	-1.50932
26	0	14	33	0	1	2	20	13	1	2	155	29	3	-1.51393
27	0	15	32	1	1	1	30	13	0	1	129	32	1	-1.44138
28	0	15	32	0	1	2	20	9	1	2	218	26	3	-1.55368
29	0	15	32	0	1	1	23	16	0	2	115	32	1	-1.35640
30	0	16	31	0	1	2	23	11	0	2	97	31	1	-1.70728
31	0	18	64	0	1	1	25	10	0	2	127	50	4	1.03997
32	0	18	64	1	1	2	30	14	1	3	135	53	1	1.60176
33	0	18	64	0	1	1	26	11	0	5	205	42	4	1.55674
34	0	19	63	0	1	2	24	11	0	3	144	50	1	1.28258
35	0	19	63	1	0	1	21	15	0	5	120	52	1	1.73373
36	0	20	62	0	1	1	26	15	0	2	170	39	1	0.67287

Obs	Factor2	Factor3	SumScale1	SumScale2	SumScale3
19	0.30937	-0.72222	36.0	-32.6667	12.3333
20	-0.33558	0.02773	35.5	-41.0000	13.0000
21	-2.42740	-0.69224	34.0	-73.0000	12.3333
22	-1.02711	0.40588	33.0	-46.3333	13.3333
23	-0.43735	0.36728	32.0	-44.3333	14.0000
24	0.62399	0.37905	33.0	-29.0000	13.3333
25	-0.28457	-0.05303	31.0	-41.0000	13.0000
26	-0.12637	-0.58897	31.0	-44.0000	12.3333
27	0.40672	1.60062	32.0	-35.3333	16.3333
28	-2.68499	-0.47747	29.0	-66.3333	12.3333
29	1.68129	0.01824	32.0	-29.6667	13.6667
30	0.35168	0.42953	31.0	-25.3333	13.6667
31	-0.93974	1.20875	57.0	-35.6667	14.3333
32	0.44585	0.94709	58.5	-37.0000	15.3333
33	-1.78741	-0.14839	53.0	-61.3333	13.6667
34	-0.84449	0.55042	56.5	-41.0000	13.6667
35	1.10937	-0.87869	57.5	-31.6667	12.0000
36	0.00193	0.74298	50.5	-48.3333	14.6667

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST	Factor1
37	0	20	62	0	0	1	22	12	1	3	155	39	4	0.55219
38	0	23	62	0	4	1	33	11	0	1	170	54	2	1.39896
39	0	23	61	0	1	1	29	13	1	2	130	55	4	1.32899
40	0	25	60	0	1	2	25	11	0	2	175	42	1	0.64855
41	0	25	60	0	0	2	24	13	0	2	179	50	1	1.19920
42	0	25	60	0	2	1	33	15	0	3	119	47	1	1.13737
43	0	26	58	0	1	1	24	10	1	0	140	25	2	-1.14043
44	0	26	58	1	1	1	20	12	1	5	153	53	1	1.56008
45	0	27	55	1	2	1	30	16	1	2	126	44	1	0.49181
46	0	28	55	0	1	1	16	12	2	3	175	47	1	0.65477
47	0	28	55	1	1	1	24	14	0	4	140	52	1	1.31904
48	0	29	52	0	1	2	25	13	0	3	190	48	1	0.99083
49	0	30	52	1	1	1	23	14	0	3	114	50	1	0.73054
50	0	30	52	0	2	2	21	12	0	3	126	43	1	0.26464
51	0	30	52	0	1	1	20	11	0	5	170	42	1	0.74980
52	0	31	51	0	3	2	24	12	3	4	161	50	1	0.86268
53	0	31	51	1	0	2	24	16	0	5	156	52	1	1.47585
54	0	32	49	0	1	2	25	12	0	2	235	44	1	0.61942

Obs	Factor2	Factor3	SumScale1	SumScale2	SumScale3
37	-0.66128	-0.23690	50.5	-44.3333	12.6667
38	-1.40764	2.56834	58.0	-49.6667	17.3333
39	0.11485	1.26647	58.0	-35.6667	15.3333
40	-1.46092	0.90084	51.0	-51.3333	14.3333
41	-0.91323	0.66351	55.0	-52.0000	14.0000
42	1.17826	1.53903	53.5	-31.3333	16.6667
43	-1.19409	1.23552	41.5	-40.0000	14.3333
44	-0.49277	-1.20641	55.5	-43.6667	11.3333
45	1.33178	1.03405	49.5	-33.3333	15.6667
46	-1.08402	-1.43679	51.0	-51.0000	10.3333
47	0.40972	-0.11705	53.5	-38.6667	13.3333
48	-0.93378	0.29684	50.0	-55.6667	14.0000
49	0.84472	0.14394	51.0	-30.0000	13.3333
50	-0.06526	-0.08008	47.5	-34.6667	12.6667
51	-1.08485	-1.03732	47.0	-49.6667	11.6667
52	-0.54134	-0.94539	50.5	-46.3333	12.3333
53	0.90704	-0.73624	51.5	-43.3333	13.0000
54	-2.19534	0.58026	46.5	-71.0000	14.3333



Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST	Factor1
55	0	33	48	0	1	2	19	11	7	0	190	29	1	-1.54917
56	0	33	48	1	4	1	22	11	0	3	145	48	1	0.47536
57	0	34	47	0	0	1	22	13	0	3	120	45	1	0.18850
58	0	34	47	0	1	2	20	12	0	5	110	47	1	0.57010
59	0	35	47	0	0	1	23	13	0	2	125	47	1	0.16434
60	0	35	47	0	0	2	23	15	1	3	115	29	1	-0.79476
61	0	35	47	0	3	1	21	12	1	5	120	39	2	0.08455
62	0	36	46	0	0	1	15	13	0	1	179	40	1	-0.37369
63	0	37	46	0	1	1	22	11	0	6	144	46	2	0.82849
64	0	38	45	1	1	1	33	14	0	2	80	45	1	-0.05154
65	0	39	45	0	1	1	20	12	0	1	102	28	1	-1.46752
66	0	39	45	0	4	1	30	12	0	3	110	45	1	0.16778
67	0	40	45	1	1	1	18	15	4	4	101	45	1	-0.08336
68	0	40	45	0	1	1	22	10	0	5	198	33	1	0.04170
69	0	41	45	0	1	2	23	12	3	3	133	45	1	-0.04885
70	0	41	45	1	4	1	25	16	1	4	124	45	1	0.39260
71	0	41	45	0	1	2	23	12	0	4	165	35	1	-0.10777
72	0	42	44	0	1	1	27	14	0	1	125	44	1	-0.23253

Obs	Factor2	Factor3	SumScale1	SumScale2	SumScale3
55	-1.65261	-1.49159	38.5	-56.3333	10.6667
56	-0.74366	0.09564	48.0	-41.3333	13.0000
57	0.44391	-0.03064	46.0	-32.3333	13.0000
58	0.44651	-0.96789	47.0	-29.3333	11.6667
59	0.25946	0.50253	47.0	-34.0000	13.6667
60	1.33711	-0.45838	38.0	-30.0000	13.0000
61	0.33336	-1.21034	43.0	-32.6667	11.6667
62	-0.96688	-0.46528	43.0	-52.0000	11.3333
63	-0.41607	-1.09491	46.0	-41.0000	12.0000
64	1.65648	1.93419	45.0	-18.6667	17.0000
65	0.33490	0.40832	36.5	-26.6667	13.0000
66	0.44192	1.19701	45.0	-29.3333	15.6667
67	1.66002	-2.27612	45.0	-25.3333	10.0000
68	-1.83052	-0.89289	39.0	-59.3333	12.3333
69	-0.02526	-0.73515	45.0	-37.0000	12.3333
70	1.57044	-0.53753	45.0	-32.6667	13.3333
71	-0.59751	-0.41699	40.0	-47.6667	13.0000
72	0.60867	1.32777	44.0	-33.6667	15.3333

Obs	Split90	STR	AGMT	FNDX	DEG	CHK	AGP1	AGMN	NLV	LIV	WT	AGLP	MST	Factor1
73	0	42	44	1	3	1	25	12	0	3	130	44	1	0.07032
74	0	42	44	0	4	1	27	13	1	3	240	45	1	0.67717
75	0	43	44	0	1	2	18	17	1	7	180	44	1	1.03491
76	0	44	43	1	3	1	27	15	0	2	130	43	4	-0.09173
77	0	45	27	0	0	2	22	12	0	1	127	27	1	-2.15207
78	0	45	28	0	1	1	23	16	0	2	127	29	1	-1.65366
79	0	46	53	0	0	1	26	11	0	1	130	49	4	0.37560
80	0	46	53	1	3	1	29	12	0	4	132	50	1	1.09989
81	0	47	56	0	1	2	27	11	0	4	265	42	1	1.33480
82	0	48	41	0	1	2	21	14	0	5	135	36	2	-0.15490
83	0	49	41	0	0	1	21	16	0	3	140	41	1	-0.14112
84	0	49	41	0	1	2	26	14	2	3	195	41	1	0.02619
85	0	49	40	0	1	1	21	12	0	4	145	40	1	-0.15765
86	0	50	41	1	1	1	34	13	1	2	138	42	1	-0.20115
87	0	50	41	0	1	2	30	12	1	2	129	41	1	-0.41172
88	0	50	41	0	1	2	21	12	0	2	180	41	1	-0.25778

Obs	Factor2	Factor3	SumScale1	SumScale2	SumScale3
73	-0.01042	0.41188	44.0	-36.0000	14.0000
74	-1.75752	0.06037	44.5	-72.3333	14.3333
75	1.00526	-2.93302	44.0	-51.0000	10.0000
76	0.95753	0.83434	43.0	-35.0000	15.0000
77	0.05386	0.44427	27.0	-35.0000	13.6667
78	1.49926	-0.07794	28.5	-33.6667	13.6667
79	-0.62861	1.53511	51.0	-36.3333	15.0000
80	-0.00707	0.73549	51.5	-36.6667	15.0000
81	-2.95780	0.14860	49.0	-81.3333	14.3333
82	0.76001	-1.19705	38.5	-37.0000	12.0000
83	1.13069	-0.54931	41.0	-38.0000	12.6667
84	-0.48180	-0.40056	41.0	-57.0000	13.6667
85	-0.21454	-0.65852	40.0	-41.0000	12.3333
86	0.28493	1.65072	41.5	-38.3333	17.0000
87	0.06431	1.16908	41.0	-35.6667	15.6667
88	-1.09669	0.04186	41.0	-52.6667	13.0000

### The LOGISTIC Procedure

Model Information		
Data Set	WORK.FSCORE90	
Response Variable	FNDX	Final-diagnosis
Number of Response Levels	2	
Model	binary logit	
Optimization Technique	Fisher's scoring	

Number of Observations Read	90
Number of Observations Used	90

Response Profile		
Ordered Value	FNDX	Total Frequency
1	0	70
2	1	20

Probability modeled is FNDX=1.

#### Stepwise Selection Procedure

Step 0. Intercept entered:

Model Convergence Status
Convergence criterion (GCONV=1E-8) satisfied.

-2 Log L	=	95.347
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Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	-1.2528	0.2535	24.4131	<.0001

Residual Chi-Square Test		
Chi-Square	DF	Pr > ChiSq
6.1740	3	0.1034

Analysis of Effects Eligible for Entry			
Effect	DF	Score Chi-Square	Pr > ChiSq
SumScale1	1	0.0740	0.7856
SumScale2	1	5.6353	0.0176
SumScale3	1	1.3377	0.2474

## The LOGISTIC Procedure

### Step 1. Effect SumScale2 entered:

Model Convergence Status	
Convergence criterion (GCONV=1E-8) satisfied.	

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	97.347	92.970
SC	99.847	97.970
-2 Log L	95.347	88.970

R-Square	0.0684	Max-rescaled R-Square	0.1047
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Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	6.3772	1	0.0116
Score	5.6353	1	0.0176
Wald	5.2352	1	0.0221

Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	1.8685	1.3350	1.9589	0.1616
SumScale2	1	0.0824	0.0360	5.2352	0.0221

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
SumScale2	1.086	1.012	1.165

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	66.6	Somers' D	0.344
Percent Discordant	32.2	Gamma	0.348
Percent Tied	1.1	Tau-a	0.120
Pairs	1400	c	0.672

### The LOGISTIC Procedure

Residual Chi-Square Test		
Chi-Square	DF	Pr > ChiSq
0.5417	2	0.7627

Analysis of Effects Eligible for Removal			
Effect	DF	Wald Chi-Square	Pr > ChiSq
SumScale2	1	5.2352	0.0221

**Note:** No effects for the model in Step 1 are removed.

Analysis of Effects Eligible for Entry			
Effect	DF	Score Chi-Square	Pr > ChiSq
SumScale1	1	0.1529	0.6958
SumScale3	1	0.4373	0.5084

**Note:** No (additional) effects met the 0.05 significance level for entry into the model.

Summary of Stepwise Selection								
Step	Effect		DF	Number In	Score Chi-Square	Wald Chi-Square	Pr > ChiSq	Variable Label
	Entered	Removed						
1	SumScale2		1	1	5.6353		0.0176	SumScale2

Partition for the Hosmer and Lemeshow Test					
Group	Total	FNDX = 1		FNDX = 0	
		Observed	Expected	Observed	Expected
1	9	0	0.48	9	8.52
2	9	1	0.90	8	8.10
3	10	1	1.47	9	8.53
4	10	3	1.74	7	8.26
5	9	1	1.79	8	7.21
6	9	3	2.09	6	6.91
7	9	4	2.50	5	6.50
8	10	1	3.21	9	6.79
9	9	4	3.31	5	5.69
10	6	2	2.51	4	3.49

### The LOGISTIC Procedure

Hosmer and Lemeshow Goodness-of-Fit Test		
Chi-Square	DF	Pr > ChiSq
6.6476	8	0.5751

Classification Table									
Prob Level	Correct		Incorrect		Percentages				
	Event	Non- Event	Event	Non- Event	Correct	Sensi- tivity	Speci- ficity	False POS	False NEG
<b>0.000</b>	20	0	70	0	22.2	100.0	0.0	77.8	.
<b>0.100</b>	19	12	58	1	34.4	95.0	17.1	75.3	7.7
<b>0.200</b>	14	35	35	6	54.4	70.0	50.0	71.4	14.6
<b>0.300</b>	7	53	17	13	66.7	35.0	75.7	70.8	19.7
<b>0.400</b>	0	65	5	20	72.2	0.0	92.9	100.0	23.5
<b>0.500</b>	0	70	0	20	77.8	0.0	100.0	.	22.2
<b>0.600</b>	0	70	0	20	77.8	0.0	100.0	.	22.2
<b>0.700</b>	0	70	0	20	77.8	0.0	100.0	.	22.2
<b>0.800</b>	0	70	0	20	77.8	0.0	100.0	.	22.2
<b>0.900</b>	0	70	0	20	77.8	0.0	100.0	.	22.2
<b>1.000</b>	0	70	0	20	77.8	0.0	100.0	.	22.2

### The LOGISTIC Procedure

Model Information		
Data Set	WORK.FSCORE90	
Response Variable	FNDX	Final-diagnosis
Number of Response Levels	2	
Model	binary logit	
Optimization Technique	Fisher's scoring	

Number of Observations Read	90
Number of Observations Used	90

Response Profile		
Ordered Value	FNDX	Total Frequency
1	0	70
2	1	20

Probability modeled is FNDX=1.

Model Convergence Status
Convergence criterion (GCONV=1E-8) satisfied.

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	97.347	92.970
SC	99.847	97.970
-2 Log L	95.347	88.970

R-Square	0.0684	Max-rescaled R-Square	0.1047
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Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	6.3772	1	0.0116
Score	5.6353	1	0.0176
Wald	5.2352	1	0.0221

### The LOGISTIC Procedure

Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	1.8685	1.3350	1.9589	0.1616
SumScale2	1	0.0824	0.0360	5.2352	0.0221

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
SumScale2	1.086	1.012	1.165

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	66.6	Somers' D	0.344
Percent Discordant	32.2	Gamma	0.348
Percent Tied	1.1	Tau-a	0.120
Pairs	1400	c	0.672

Partition for the Hosmer and Lemeshow Test					
Group	Total	FNDX = 1		FNDX = 0	
		Observed	Expected	Observed	Expected
1	9	0	0.48	9	8.52
2	9	1	0.90	8	8.10
3	10	1	1.47	9	8.53
4	10	3	1.74	7	8.26
5	9	1	1.79	8	7.21
6	9	3	2.09	6	6.91
7	9	4	2.50	5	6.50
8	10	1	3.21	9	6.79
9	9	4	3.31	5	5.69
10	6	2	2.51	4	3.49

Hosmer and Lemeshow Goodness-of-Fit Test		
Chi-Square	DF	Pr > ChiSq
6.6476	8	0.5751



## The LOGISTIC Procedure

Classification Table									
Prob Level	Correct		Incorrect		Percentages				
	Event	Non-Event	Event	Non-Event	Correct	Sensitivity	Specificity	False POS	False NEG
0.400	0	65	5	20	72.2	0.0	92.9	100.0	23.5
0.410	0	66	4	20	73.3	0.0	94.3	100.0	23.3
0.420	0	66	4	20	73.3	0.0	94.3	100.0	23.3
0.430	0	68	2	20	75.6	0.0	97.1	100.0	22.7
0.440	0	69	1	20	76.7	0.0	98.6	100.0	22.5
0.450	0	69	1	20	76.7	0.0	98.6	100.0	22.5
0.460	0	69	1	20	76.7	0.0	98.6	100.0	22.5
0.470	0	69	1	20	76.7	0.0	98.6	100.0	22.5
0.480	0	69	1	20	76.7	0.0	98.6	100.0	22.5
0.490	0	70	0	20	77.8	0.0	100.0	.	22.2
0.500	0	70	0	20	77.8	0.0	100.0	.	22.2
0.510	0	70	0	20	77.8	0.0	100.0	.	22.2
0.520	0	70	0	20	77.8	0.0	100.0	.	22.2
0.530	0	70	0	20	77.8	0.0	100.0	.	22.2
0.540	0	70	0	20	77.8	0.0	100.0	.	22.2
0.550	0	70	0	20	77.8	0.0	100.0	.	22.2
0.560	0	70	0	20	77.8	0.0	100.0	.	22.2
0.570	0	70	0	20	77.8	0.0	100.0	.	22.2
0.580	0	70	0	20	77.8	0.0	100.0	.	22.2
0.590	0	70	0	20	77.8	0.0	100.0	.	22.2
0.600	0	70	0	20	77.8	0.0	100.0	.	22.2

Obs	FNDX	SumScale2	F_FNDX	I_FNDX	P_0	P_1
1	0	-34.6667	0	0	0.72846	0.27154
2	0	-56.3333	0	0	0.94111	0.05889
3	0	-65.6667	0	0	0.97181	0.02819
4	0	-39.0000	0	0	0.79310	0.20690
5	0	-45.6667	0	0	0.86908	0.13092
6	1	-42.0000	1	0	0.83073	0.16927
7	0	-38.6667	0	0	0.78856	0.21144
8	1	-41.0000	1	0	0.81883	0.18117
9	0	-38.0000	0	0	0.77926	0.22074
10	0	-54.0000	0	0	0.92951	0.07049
11	0	-58.3333	0	0	0.94960	0.05040
12	0	-32.3333	0	0	0.68882	0.31118
13	0	-56.3333	0	0	0.94111	0.05889
14	0	-44.6667	0	0	0.85942	0.14058
15	0	-41.3333	0	0	0.82287	0.17713
16	1	-27.6667	1	0	0.60115	0.39885
17	0	-30.6667	0	0	0.65867	0.34133
18	0	-29.0000	0	0	0.62717	0.37283
19	0	-49.6667	0	0	0.90223	0.09777
20	1	-50.0000	1	0	0.90463	0.09537
21	0	-24.6667	0	0	0.54070	0.45930
22	0	-39.0000	0	0	0.79310	0.20690
23	0	-36.6667	0	0	0.75979	0.24021
24	1	-28.6667	1	0	0.62073	0.37927
25	0	-36.6667	0	0	0.75979	0.24021
26	1	-28.6667	1	0	0.62073	0.37927
27	0	-35.3333	0	0	0.73918	0.26082
28	0	-32.3333	0	0	0.68882	0.31118
29	1	-36.0000	1	0	0.74963	0.25037
30	0	-42.0000	0	0	0.83073	0.16927
31	0	-41.0000	0	0	0.81883	0.18117
32	0	-37.3333	0	0	0.76967	0.23033
33	0	-39.0000	0	0	0.79310	0.20690
34	0	-36.6667	0	0	0.75979	0.24021
35	1	-33.6667	1	0	0.71186	0.28814
36	0	-31.6667	0	0	0.67693	0.32307
37	0	-32.0000	0	0	0.68291	0.31709
38	0	-33.6667	0	0	0.71186	0.28814

Obs	FNDX	SumScale2	F_FNDX	I_FNDX	P_0	P_1
39	1	-41.3333	1	0	0.82287	0.17713
40	0	-40.6667	0	0	0.81472	0.18528
41	1	-34.0000	1	0	0.71746	0.28254
42	0	-43.3333	0	0	0.84562	0.15438
43	0	-42.6667	0	0	0.83831	0.16169
44	1	-40.0000	1	0	0.80629	0.19371
45	0	-30.3333	0	0	0.65247	0.34753
46	0	-39.0000	0	0	0.79310	0.20690
47	1	-29.3333	1	0	0.63356	0.36644
48	0	-53.0000	0	0	0.92392	0.07608
49	0	-56.6667	0	0	0.94261	0.05739
50	0	-30.6667	0	0	0.65867	0.34133
51	0	-43.3333	0	0	0.84562	0.15438
52	0	-30.3333	0	0	0.65247	0.34753
53	0	-28.6667	0	0	0.62073	0.37927
54	0	-46.0000	0	0	0.87217	0.12783
55	0	-42.3333	0	0	0.83456	0.16544
56	0	-30.6667	0	0	0.65867	0.34133
57	0	-40.6667	0	0	0.81472	0.18528
58	0	-33.3333	0	0	0.70620	0.29380
59	0	-44.6667	0	0	0.85942	0.14058
60	0	-41.3333	0	0	0.82287	0.17713
61	1	-32.0000	1	0	0.68291	0.31709
62	1	-36.6667	1	0	0.75979	0.24021
63	0	-49.6667	0	0	0.90223	0.09777
64	0	-52.3333	0	0	0.91997	0.08003
65	1	-43.3333	1	0	0.84562	0.15438
66	0	-55.3333	0	0	0.93637	0.06363
67	1	-38.3333	1	0	0.78395	0.21605
68	0	-28.3333	0	0	0.61424	0.38576
69	0	-39.6667	0	0	0.80197	0.19803
70	0	-43.0000	0	0	0.84200	0.15800
71	0	-44.3333	0	0	0.85607	0.14393
72	0	-43.0000	0	0	0.84200	0.15800
73	0	-27.3333	0	0	0.59455	0.40545
74	0	-62.3333	0	0	0.96323	0.03677
75	0	-32.3333	0	0	0.68882	0.31118
76	1	-35.0000	1	0	0.73385	0.26615

Obs	FNDX	SumScale2	F_FNDX	I_FNDX	P_0	P_1
77	0	-26.6667	0	0	0.58125	0.41875
78	0	-33.6667	0	0	0.71186	0.28814
79	0	-27.3333	0	0	0.59455	0.40545
80	0	-45.3333	0	0	0.86592	0.13408
81	0	-45.3333	0	0	0.86592	0.13408
82	0	-41.3333	0	0	0.82287	0.17713
83	0	-39.6667	0	0	0.80197	0.19803
84	0	-34.3333	0	0	0.72299	0.27701
85	0	-57.3333	0	0	0.94551	0.05449
86	1	-34.3333	1	0	0.72299	0.27701
87	1	-26.3333	1	0	0.57455	0.42545
88	0	-46.0000	0	0	0.87217	0.12783
89	0	-54.3333	0	0	0.93129	0.06871
90	1	-30.0000	1	0	0.64622	0.35378

### The FREQ Procedure

Frequency  
Percent  
Row Pct  
Col Pct

Table of F_FNDX by I_FNDX		
F_FNDX(From: FNDX)	I_FNDX(Into: FNDX)	
	0	Total
0	70 77.78 100.00 77.78	70 77.78
1	20 22.22 100.00 22.22	20 22.22
Total	90 100.00	90 100.00

Obs	FNDX	SumScale2	F_FNDX	I_FNDX	P_0	P_1
1	0	-51.3333	0	0	0.91369	0.08631
2	0	-37.6667	0	0	0.77450	0.22550
3	1	-31.6667	1	0	0.67693	0.32307
4	0	-52.6667	0	0	0.92197	0.07803
5	1	-33.3333	1	0	0.70620	0.29380
6	0	-33.0000	0	0	0.70047	0.29953
7	0	-35.6667	0	0	0.74444	0.25556
8	0	-34.6667	0	0	0.72846	0.27154
9	0	-42.0000	0	0	0.83073	0.16927
10	0	-41.0000	0	0	0.81883	0.18117
11	1	-31.3333	1	0	0.67090	0.32910
12	0	-38.0000	0	0	0.77926	0.22074
13	0	-45.0000	0	0	0.86270	0.13730
14	0	-32.3333	0	0	0.68882	0.31118
15	0	-55.0000	0	0	0.93472	0.06528
16	1	-35.0000	1	0	0.73385	0.26615
17	0	-49.6667	0	0	0.90223	0.09777
18	0	-28.6667	0	0	0.62073	0.37927
19	0	-32.6667	0	0	0.69468	0.30532
20	0	-41.0000	0	0	0.81883	0.18117
21	0	-73.0000	0	0	0.98439	0.01561
22	0	-46.3333	0	0	0.87520	0.12480
23	0	-44.3333	0	0	0.85607	0.14393
24	0	-29.0000	0	0	0.62717	0.37283
25	0	-41.0000	0	0	0.81883	0.18117
26	0	-44.0000	0	0	0.85265	0.14735
27	1	-35.3333	1	0	0.73918	0.26082
28	0	-66.3333	0	0	0.97327	0.02673
29	0	-29.6667	0	0	0.63991	0.36009
30	0	-25.3333	0	0	0.55431	0.44569
31	0	-35.6667	0	0	0.74444	0.25556
32	1	-37.0000	1	0	0.76477	0.23523
33	0	-61.3333	0	0	0.96020	0.03980
34	0	-41.0000	0	0	0.81883	0.18117
35	1	-31.6667	1	0	0.67693	0.32307
36	0	-48.3333	0	0	0.89211	0.10789
37	0	-44.3333	0	0	0.85607	0.14393
38	0	-49.6667	0	0	0.90223	0.09777

Obs	FNDX	SumScale2	F_FNDX	I_FNDX	P_0	P_1
39	0	-35.6667	0	0	0.74444	0.25556
40	0	-51.3333	0	0	0.91369	0.08631
41	0	-52.0000	0	0	0.91792	0.08208
42	0	-31.3333	0	0	0.67090	0.32910
43	0	-40.0000	0	0	0.80629	0.19371
44	1	-43.6667	1	0	0.84917	0.15083
45	1	-33.3333	1	0	0.70620	0.29380
46	0	-51.0000	0	0	0.91150	0.08850
47	1	-38.6667	1	0	0.78856	0.21144
48	0	-55.6667	0	0	0.93799	0.06201
49	1	-30.0000	1	0	0.64622	0.35378
50	0	-34.6667	0	0	0.72846	0.27154
51	0	-49.6667	0	0	0.90223	0.09777
52	0	-46.3333	0	0	0.87520	0.12480
53	1	-43.3333	1	0	0.84562	0.15438
54	0	-71.0000	0	0	0.98165	0.01835
55	0	-56.3333	0	0	0.94111	0.05889
56	1	-41.3333	1	0	0.82287	0.17713
57	0	-32.3333	0	0	0.68882	0.31118
58	0	-29.3333	0	0	0.63356	0.36644
59	0	-34.0000	0	0	0.71746	0.28254
60	0	-30.0000	0	0	0.64622	0.35378
61	0	-32.6667	0	0	0.69468	0.30532
62	0	-52.0000	0	0	0.91792	0.08208
63	0	-41.0000	0	0	0.81883	0.18117
64	1	-18.6667	1	1	0.41799	0.58201
65	0	-26.6667	0	0	0.58125	0.41875
66	0	-29.3333	0	0	0.63356	0.36644
67	1	-25.3333	1	0	0.55431	0.44569
68	0	-59.3333	0	0	0.95340	0.04660
69	0	-37.0000	0	0	0.76477	0.23523
70	1	-32.6667	1	0	0.69468	0.30532
71	0	-47.6667	0	0	0.88671	0.11329
72	0	-33.6667	0	0	0.71186	0.28814
73	1	-36.0000	1	0	0.74963	0.25037
74	0	-72.3333	0	0	0.98352	0.01648
75	0	-51.0000	0	0	0.91150	0.08850
76	1	-35.0000	1	0	0.73385	0.26615

Obs	FNDX	SumScale2	F_FNDX	I_FNDX	P_0	P_1
77	0	-35.0000	0	0	0.73385	0.26615
78	0	-33.6667	0	0	0.71186	0.28814
79	0	-36.3333	0	0	0.75475	0.24525
80	1	-36.6667	1	0	0.75979	0.24021
81	0	-81.3333	0	0	0.99208	0.00792
82	0	-37.0000	0	0	0.76477	0.23523
83	0	-38.0000	0	0	0.77926	0.22074
84	0	-57.0000	0	0	0.94408	0.05592
85	0	-41.0000	0	0	0.81883	0.18117
86	1	-38.3333	1	0	0.78395	0.21605
87	0	-35.6667	0	0	0.74444	0.25556
88	0	-52.6667	0	0	0.92197	0.07803



### The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of F_FNDX by I_FNDX			
	F_FNDX(From: FNDX)	I_FNDX(Into: FNDX)		
		0	1	Total
<b>0</b>		68	0	68
		77.27	0.00	77.27
		100.00	0.00	
		78.16	0.00	
<b>1</b>		19	1	20
		21.59	1.14	22.73
		95.00	5.00	
		21.84	100.00	
<b>Total</b>		87	1	88
		98.86	1.14	100.00

**The MEANS Procedure**

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
LIV	LIV - Number-of-live-birth	178	2.8539326	1.5444492	0	11.0000000
NLV	NLV - Number-stillbirths-miscarriage	178	0.5168539	0.9638946	0	7.0000000

## The MEANS Procedure

### MST - Marital-status=1 DEG - Degree=0

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
LIV	LIV - Number-of-live-birth	28	2.9285714	1.3313477	1.0000000	6.0000000
NLV	NLV - Number-stillbirths-miscarriage	28	0.3928571	0.6288900	0	2.0000000

### MST - Marital-status=1 DEG - Degree=1

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
LIV	LIV - Number-of-live-birth	81	2.6543210	1.3149191	0	7.0000000
NLV	NLV - Number-stillbirths-miscarriage	81	0.5555556	1.1618950	0	7.0000000

### MST - Marital-status=1 DEG - Degree=2

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
LIV	LIV - Number-of-live-birth	12	3.1666667	1.5275252	2.0000000	7.0000000
NLV	NLV - Number-stillbirths-miscarriage	12	0.5833333	1.1645002	0	4.0000000

### MST - Marital-status=1 DEG - Degree=3

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
LIV	LIV - Number-of-live-birth	9	2.5555556	1.4240006	0	4.0000000
NLV	NLV - Number-stillbirths-miscarriage	9	0.5555556	1.0137938	0	3.0000000

### MST - Marital-status=1 DEG - Degree=4

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
LIV	LIV - Number-of-live-birth	8	3.3750000	1.1877349	1.0000000	5.0000000
NLV	NLV - Number-stillbirths-miscarriage	8	0.2500000	0.4629100	0	1.0000000

### MST - Marital-status=2 DEG - Degree=0

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
LIV	LIV - Number-of-live-birth	3	2.0000000	1.0000000	1.0000000	3.0000000
NLV	NLV - Number-stillbirths-miscarriage	3	1.0000000	1.0000000	0	2.0000000

### MST - Marital-status=2 DEG - Degree=1

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
LIV	LIV - Number-of-live-birth	7	2.7142857	2.1380899	0	6.0000000
NLV	NLV - Number-stillbirths-miscarriage	7	0.1428571	0.3779645	0	1.0000000

### MST - Marital-status=2 DEG - Degree=2

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
LIV	LIV - Number-of-live-birth	3	2.0000000	1.0000000	1.0000000	3.0000000
NLV	NLV - Number-stillbirths-miscarriage	3	1.0000000	1.0000000	0	2.0000000

## The MEANS Procedure

### MST - Marital-status=2 DEG - Degree=3

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
LIV	LIV - Number-of-live-birth	2	4.5000000	0.7071068	4.0000000	5.0000000
NLV	NLV - Number-stillbirths-miscarriage	2	0.5000000	0.7071068	0	1.0000000

### MST - Marital-status=2 DEG - Degree=4

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
LIV	LIV - Number-of-live-birth	2	1.0000000	0	1.0000000	1.0000000
NLV	NLV - Number-stillbirths-miscarriage	2	0	0	0	0

### MST - Marital-status=3 DEG - Degree=0

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
LIV	LIV - Number-of-live-birth	2	3.5000000	0.7071068	3.0000000	4.0000000
NLV	NLV - Number-stillbirths-miscarriage	2	1.5000000	0.7071068	1.0000000	2.0000000

### MST - Marital-status=3 DEG - Degree=1

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
LIV	LIV - Number-of-live-birth	3	2.3333333	0.5773503	2.0000000	3.0000000
NLV	NLV - Number-stillbirths-miscarriage	3	1.0000000	0	1.0000000	1.0000000

### MST - Marital-status=4 DEG - Degree=0

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
LIV	LIV - Number-of-live-birth	6	4.8333333	3.4880749	1.0000000	11.0000000
NLV	NLV - Number-stillbirths-miscarriage	6	0.6666667	0.8164966	0	2.0000000

### MST - Marital-status=4 DEG - Degree=1

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
LIV	LIV - Number-of-live-birth	8	3.6250000	2.1998377	1.0000000	7.0000000
NLV	NLV - Number-stillbirths-miscarriage	8	0.2500000	0.4629100	0	1.0000000

### MST - Marital-status=4 DEG - Degree=3

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
LIV	LIV - Number-of-live-birth	2	2.0000000	0	2.0000000	2.0000000
NLV	NLV - Number-stillbirths-miscarriage	2	0	0	0	0

### MST - Marital-status=5 DEG - Degree=1

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
LIV	LIV - Number-of-live-birth	2	2.5000000	0.7071068	2.0000000	3.0000000
NLV	NLV - Number-stillbirths-miscarriage	2	1.0000000	1.4142136	0	2.0000000

**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

Moments			
<b>N</b>	178	<b>Sum Weights</b>	178
<b>Mean</b>	2.85393258	<b>Sum Observations</b>	508
<b>Std Deviation</b>	1.54444923	<b>Variance</b>	2.38532343
<b>Skewness</b>	1.33629103	<b>Kurtosis</b>	3.87513974
<b>Uncorrected SS</b>	1872	<b>Corrected SS</b>	422.202247
<b>Coeff Variation</b>	54.1165282	<b>Std Error Mean</b>	0.11576136

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	2.853933	<b>Std Deviation</b>	1.54445
<b>Median</b>	3.000000	<b>Variance</b>	2.38532
<b>Mode</b>	2.000000	<b>Range</b>	11.00000
		<b>Interquartile Range</b>	2.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	24.65358	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	87.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	7700	<b>Pr &gt;=  S </b>	<.0001

Tests for Normality				
Test	Statistic		p Value	
<b>Shapiro-Wilk</b>	<b>W</b>	0.88634	<b>Pr &lt; W</b>	<0.0001
<b>Kolmogorov-Smirnov</b>	<b>D</b>	0.209517	<b>Pr &gt; D</b>	<0.0100
<b>Cramer-von Mises</b>	<b>W-Sq</b>	1.194905	<b>Pr &gt; W-Sq</b>	<0.0050
<b>Anderson-Darling</b>	<b>A-Sq</b>	6.239283	<b>Pr &gt; A-Sq</b>	<0.0050

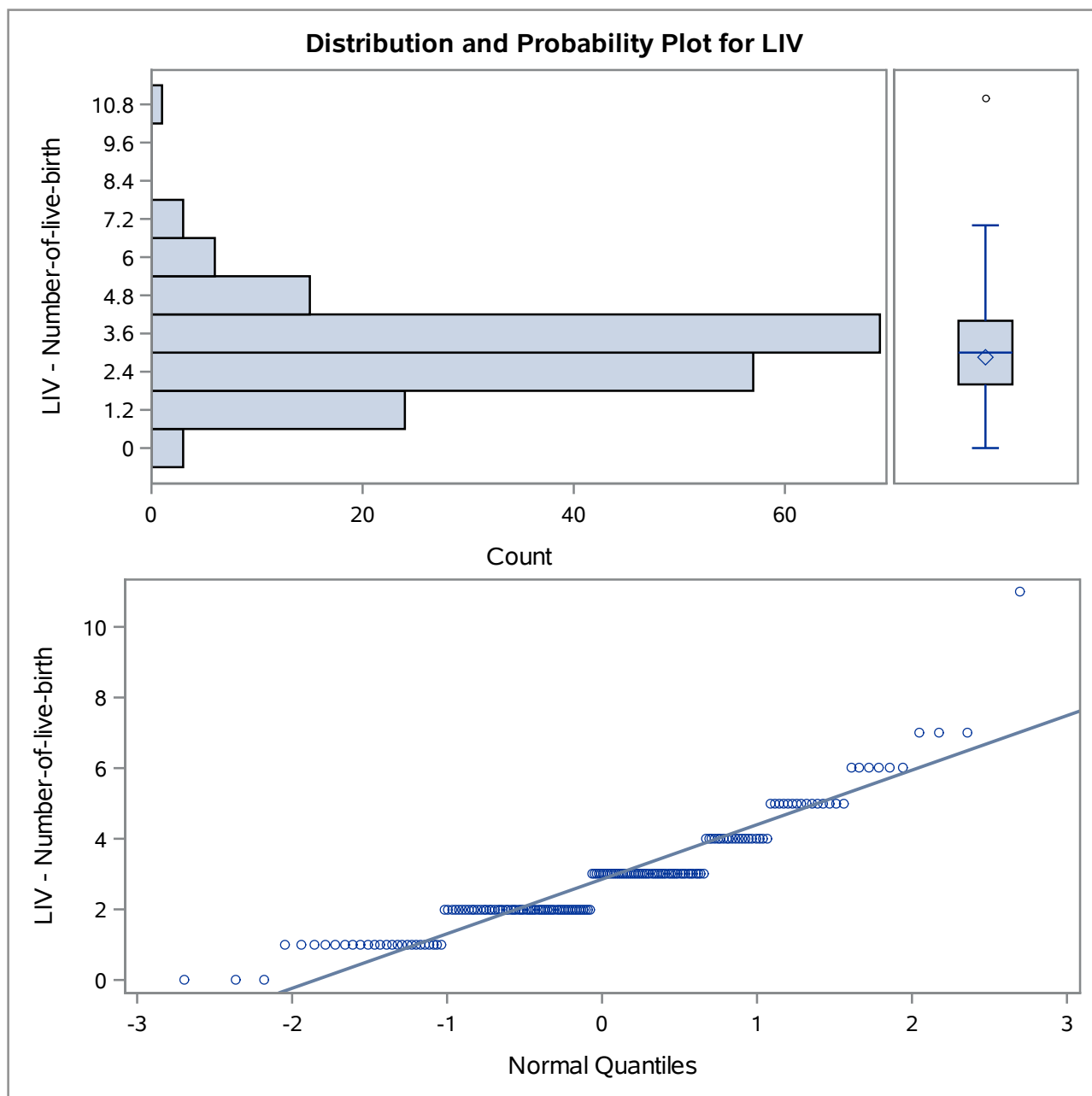
Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	11
<b>99%</b>	7
<b>95%</b>	6
<b>90%</b>	5
<b>75% Q3</b>	4
<b>50% Median</b>	3
<b>25% Q1</b>	2

**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

Quantiles (Definition 5)	
Level	Quantile
10%	1
5%	1
1%	0
0% Min	0

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	145	6	167
0	123	7	96
0	75	7	121
1	173	7	168
1	166	11	165

## The UNIVARIATE Procedure



**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

Moments			
<b>N</b>	178	<b>Sum Weights</b>	178
<b>Mean</b>	0.51685393	<b>Sum Observations</b>	92
<b>Std Deviation</b>	0.96389464	<b>Variance</b>	0.92909287
<b>Skewness</b>	3.01430218	<b>Kurtosis</b>	13.1370818
<b>Uncorrected SS</b>	212	<b>Corrected SS</b>	164.449438
<b>Coeff Variation</b>	186.492658	<b>Std Error Mean</b>	0.07224696

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.516854	<b>Std Deviation</b>	0.96389
<b>Median</b>	0.000000	<b>Variance</b>	0.92909
<b>Mode</b>	0.000000	<b>Range</b>	7.00000
		<b>Interquartile Range</b>	1.00000

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	7.153989	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	29.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	885	<b>Pr &gt;=  S </b>	<.0001

Tests for Normality				
Test	Statistic		p Value	
<b>Shapiro-Wilk</b>	<b>W</b>	0.584263	<b>Pr &lt; W</b>	<0.0001
<b>Kolmogorov-Smirnov</b>	<b>D</b>	0.372634	<b>Pr &gt; D</b>	<0.0100
<b>Cramer-von Mises</b>	<b>W-Sq</b>	5.101277	<b>Pr &gt; W-Sq</b>	<0.0050
<b>Anderson-Darling</b>	<b>A-Sq</b>	26.30633	<b>Pr &gt; A-Sq</b>	<0.0050

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	7
<b>99%</b>	4
<b>95%</b>	2
<b>90%</b>	2
<b>75% Q3</b>	1
<b>50% Median</b>	0
<b>25% Q1</b>	0

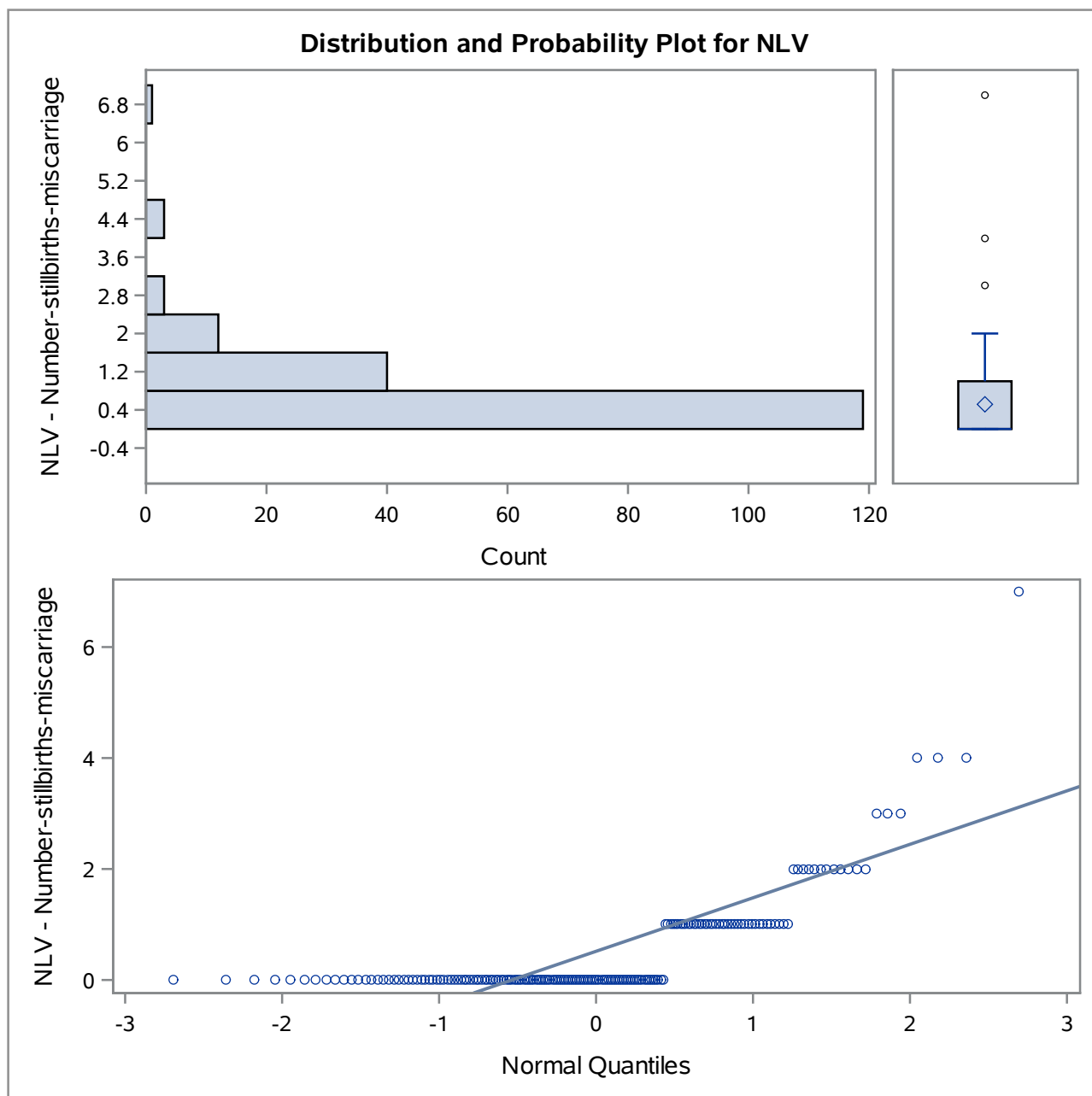


**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

Quantiles (Definition 5)	
Level	Quantile
10%	0
5%	0
1%	0
0% Min	0

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	178	3	125
0	176	4	80
0	175	4	89
0	173	4	110
0	172	7	75

## The UNIVARIATE Procedure



**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

**MST - Marital-status=1 DEG - Degree=0**

Moments			
<b>N</b>	28	<b>Sum Weights</b>	28
<b>Mean</b>	2.92857143	<b>Sum Observations</b>	82
<b>Std Deviation</b>	1.33134773	<b>Variance</b>	1.77248677
<b>Skewness</b>	0.54535865	<b>Kurtosis</b>	-0.0694167
<b>Uncorrected SS</b>	288	<b>Corrected SS</b>	47.8571429
<b>Coeff Variation</b>	45.4606541	<b>Std Error Mean</b>	0.25160107

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	2.928571	<b>Std Deviation</b>	1.33135
<b>Median</b>	3.000000	<b>Variance</b>	1.77249
<b>Mode</b>	3.000000	<b>Range</b>	5.00000
		<b>Interquartile Range</b>	1.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	t	11.63974	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	M	14	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	S	203	<b>Pr &gt;=  S </b>	<.0001

Tests for Normality				
Test	Statistic		p Value	
<b>Shapiro-Wilk</b>	W	0.892564	<b>Pr &lt; W</b>	0.0077
<b>Kolmogorov-Smirnov</b>	D	0.264321	<b>Pr &gt; D</b>	<0.0100
<b>Cramer-von Mises</b>	W-Sq	0.26002	<b>Pr &gt; W-Sq</b>	<0.0050
<b>Anderson-Darling</b>	A-Sq	1.349123	<b>Pr &gt; A-Sq</b>	<0.0050

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	6
<b>99%</b>	6
<b>95%</b>	5
<b>90%</b>	5
<b>75% Q3</b>	3
<b>50% Median</b>	3

**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

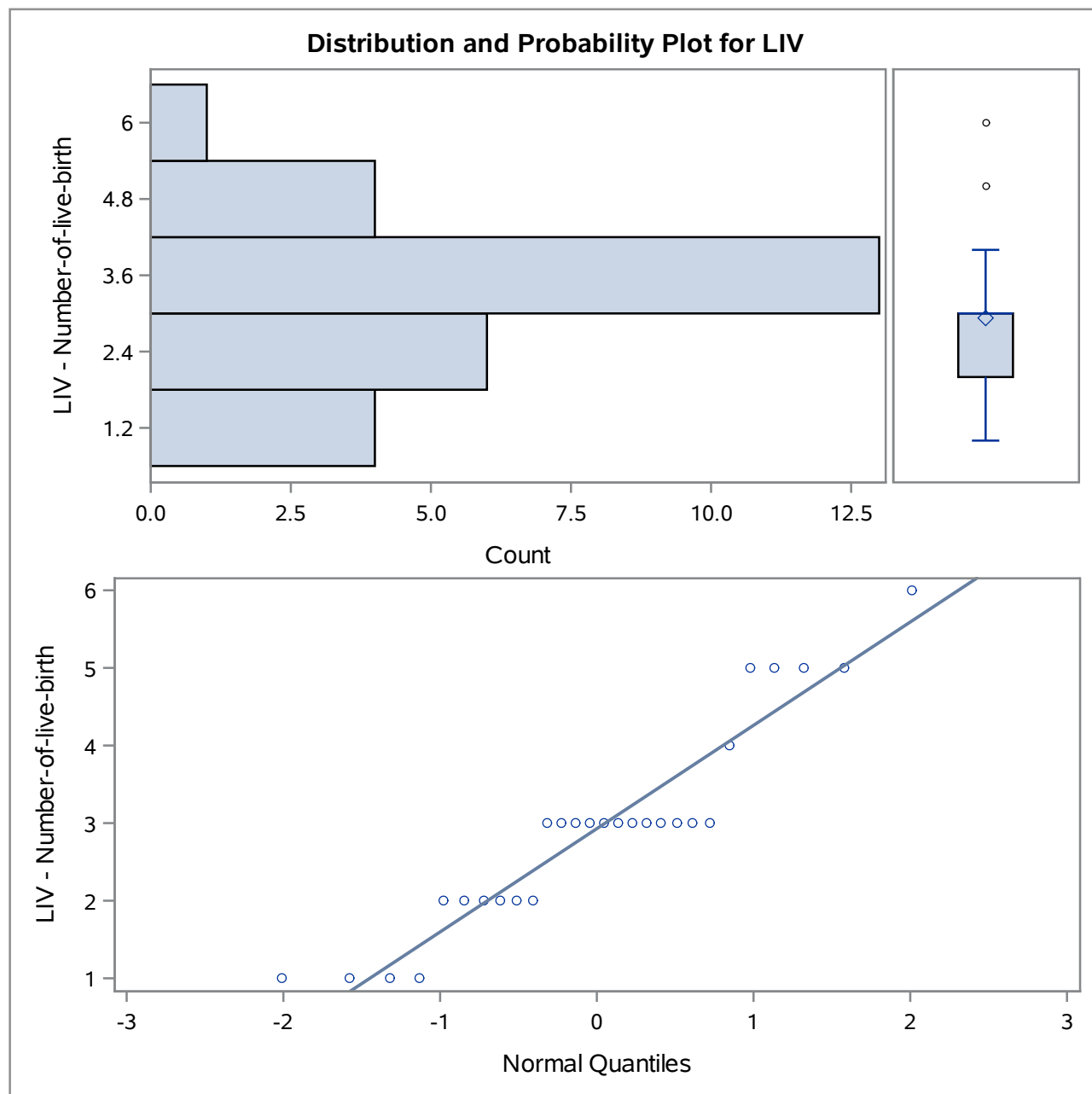
**MST - Marital-status=1 DEG - Degree=0**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	2
10%	1
5%	1
1%	1
0% Min	1

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
1	1	0	27	5	1	0	1
1	1	0	26	5	1	0	2
1	1	0	25	5	1	0	9
1	1	0	23	5	1	0	19
2	1	0	21	6	1	0	17

# The UNIVARIATE Procedure

MST - Marital-status=1 DEG - Degree=0



**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

**MST - Marital-status=1 DEG - Degree=0**

Moments			
<b>N</b>	28	<b>Sum Weights</b>	28
<b>Mean</b>	0.39285714	<b>Sum Observations</b>	11
<b>Std Deviation</b>	0.62889001	<b>Variance</b>	0.39550265
<b>Skewness</b>	1.39783446	<b>Kurtosis</b>	0.99724274
<b>Uncorrected SS</b>	15	<b>Corrected SS</b>	10.6785714
<b>Coeff Variation</b>	160.081094	<b>Std Error Mean</b>	0.11884904

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.392857	<b>Std Deviation</b>	0.62889
<b>Median</b>	0.000000	<b>Variance</b>	0.39550
<b>Mode</b>	0.000000	<b>Range</b>	2.00000
		<b>Interquartile Range</b>	1.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	t	3.305514	Pr >  t	0.0027
<b>Sign</b>	M	4.5	Pr >=  M	0.0039
<b>Signed Rank</b>	S	22.5	Pr >=  S	0.0039

Tests for Normality				
Test	Statistic		p Value	
<b>Shapiro-Wilk</b>	W	0.647582	Pr < W	<0.0001
<b>Kolmogorov-Smirnov</b>	D	0.412482	Pr > D	<0.0100
<b>Cramer-von Mises</b>	W-Sq	0.876009	Pr > W-Sq	<0.0050
<b>Anderson-Darling</b>	A-Sq	4.582508	Pr > A-Sq	<0.0050

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	2
<b>99%</b>	2
<b>95%</b>	2
<b>90%</b>	1
<b>75% Q3</b>	1
<b>50% Median</b>	0

**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

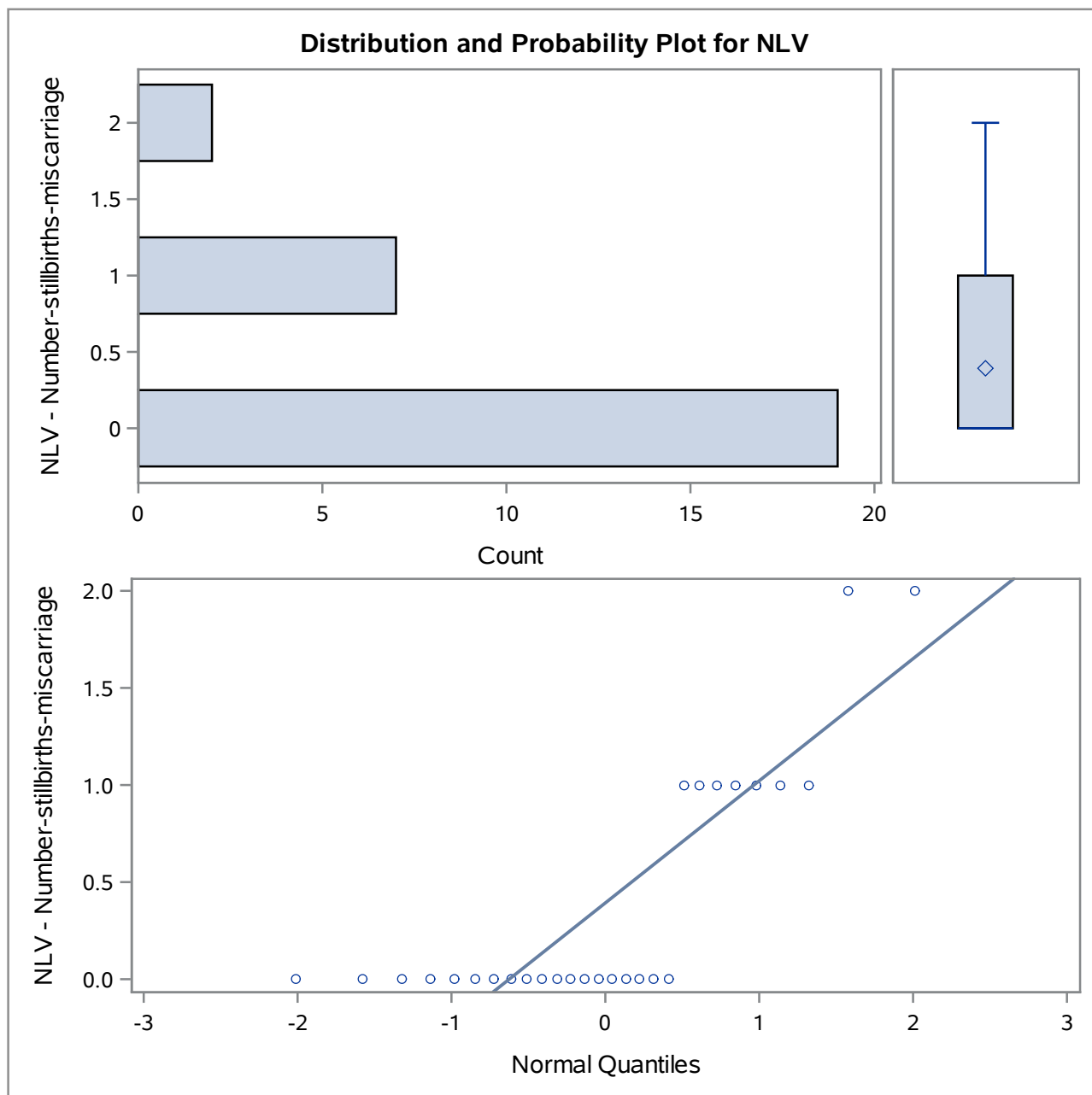
**MST - Marital-status=1 DEG - Degree=0**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	0
10%	0
5%	0
1%	0
0% Min	0

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
0	1	0	28	1	1	0	18
0	1	0	27	1	1	0	22
0	1	0	26	1	1	0	25
0	1	0	24	2	1	0	3
0	1	0	23	2	1	0	5

## The UNIVARIATE Procedure

MST - Marital-status=1 DEG - Degree=0





**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

MST - Marital-status=1 DEG - Degree=1

Moments			
<b>N</b>	81	<b>Sum Weights</b>	81
<b>Mean</b>	2.65432099	<b>Sum Observations</b>	215
<b>Std Deviation</b>	1.31491914	<b>Variance</b>	1.72901235
<b>Skewness</b>	0.94024349	<b>Kurtosis</b>	1.05897421
<b>Uncorrected SS</b>	709	<b>Corrected SS</b>	138.320988
<b>Coeff Variation</b>	49.5388141	<b>Std Error Mean</b>	0.14610213

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	2.654321	<b>Std Deviation</b>	1.31492
<b>Median</b>	2.000000	<b>Variance</b>	1.72901
<b>Mode</b>	2.000000	<b>Range</b>	7.00000
		<b>Interquartile Range</b>	1.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	t	18.16757	Pr >  t	<.0001
<b>Sign</b>	M	40	Pr >=  M	<.0001
<b>Signed Rank</b>	S	1620	Pr >=  S	<.0001

Tests for Normality				
Test	Statistic		p Value	
<b>Shapiro-Wilk</b>	W	0.895909	Pr < W	<0.0001
<b>Kolmogorov-Smirnov</b>	D	0.233831	Pr > D	<0.0100
<b>Cramer-von Mises</b>	W-Sq	0.679228	Pr > W-Sq	<0.0050
<b>Anderson-Darling</b>	A-Sq	3.527181	Pr > A-Sq	<0.0050

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	7
<b>99%</b>	7
<b>95%</b>	5
<b>90%</b>	4
<b>75% Q3</b>	3
<b>50% Median</b>	2

**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

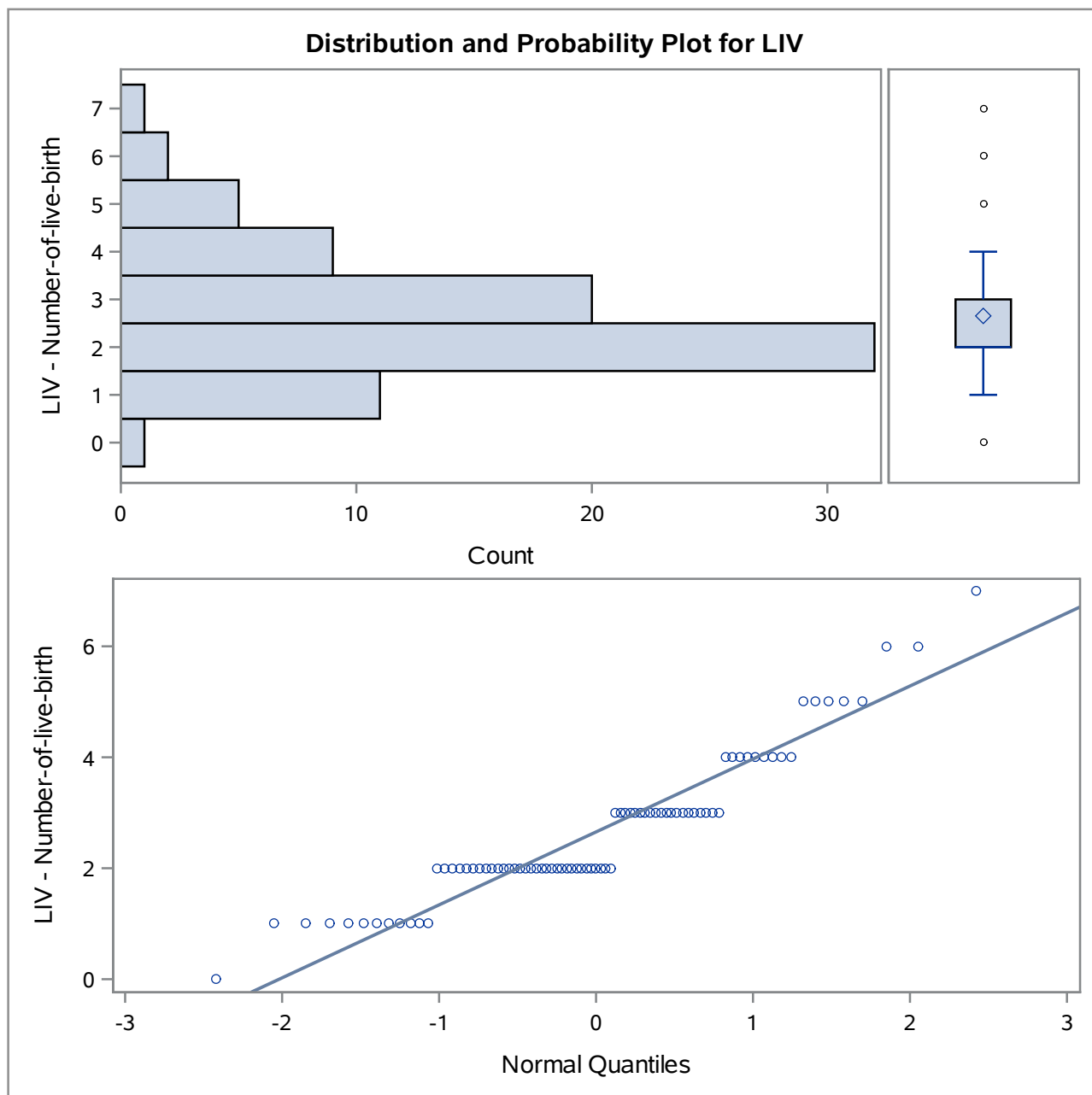
**MST - Marital-status=1 DEG - Degree=1**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	2
10%	1
5%	1
1%	0
0% Min	0

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
0	1	1	75	5	1	1	90
1	1	1	94	5	1	1	95
1	1	1	93	6	1	1	98
1	1	1	85	6	1	1	104
1	1	1	82	7	1	1	96

## The UNIVARIATE Procedure

MST - Marital-status=1 DEG - Degree=1



**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

**MST - Marital-status=1 DEG - Degree=1**

Moments			
<b>N</b>	81	<b>Sum Weights</b>	81
<b>Mean</b>	0.5555556	<b>Sum Observations</b>	45
<b>Std Deviation</b>	1.161895	<b>Variance</b>	1.35
<b>Skewness</b>	3.14668548	<b>Kurtosis</b>	12.4499154
<b>Uncorrected SS</b>	133	<b>Corrected SS</b>	108
<b>Coeff Variation</b>	209.141101	<b>Std Error Mean</b>	0.12909944

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.555556	<b>Std Deviation</b>	1.16190
<b>Median</b>	0.000000	<b>Variance</b>	1.35000
<b>Mode</b>	0.000000	<b>Range</b>	7.00000
		<b>Interquartile Range</b>	1.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	t	4.303315	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	M	12	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	S	150	<b>Pr &gt;=  S </b>	<.0001

Tests for Normality				
Test	Statistic		p Value	
<b>Shapiro-Wilk</b>	W	0.544003	<b>Pr &lt; W</b>	<0.0001
<b>Kolmogorov-Smirnov</b>	D	0.387431	<b>Pr &gt; D</b>	<0.0100
<b>Cramer-von Mises</b>	W-Sq	2.744124	<b>Pr &gt; W-Sq</b>	<0.0050
<b>Anderson-Darling</b>	A-Sq	13.81468	<b>Pr &gt; A-Sq</b>	<0.0050

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	7
<b>99%</b>	7
<b>95%</b>	3
<b>90%</b>	2
<b>75% Q3</b>	1
<b>50% Median</b>	0

**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

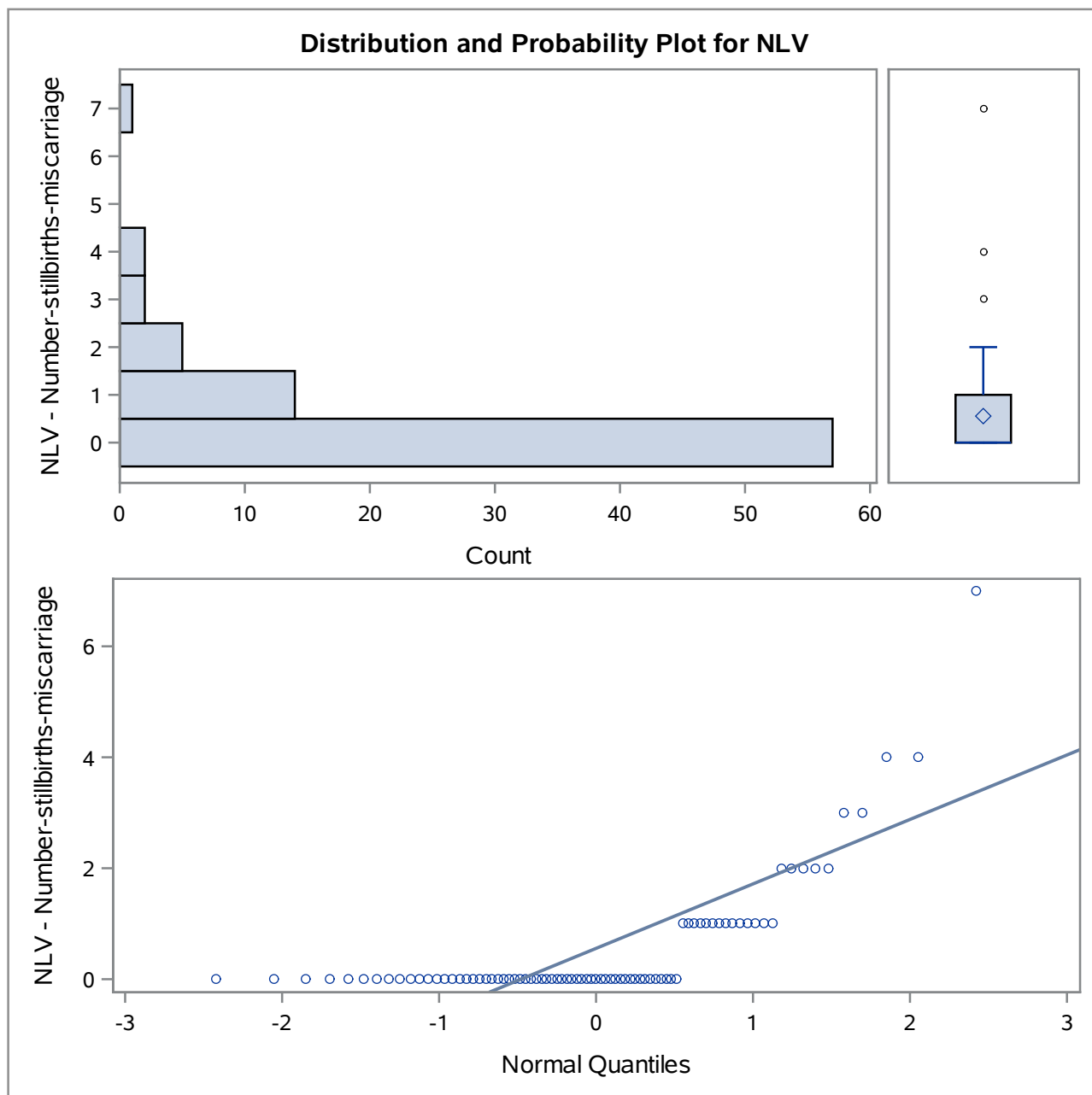
**MST - Marital-status=1 DEG - Degree=1**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	0
10%	0
5%	0
1%	0
0% Min	0

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
0	1	1	109	3	1	1	32
0	1	1	106	3	1	1	91
0	1	1	103	4	1	1	80
0	1	1	101	4	1	1	89
0	1	1	100	7	1	1	75

## The UNIVARIATE Procedure

MST - Marital-status=1 DEG - Degree=1



**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

MST - Marital-status=1 DEG - Degree=2

Moments			
<b>N</b>	12	<b>Sum Weights</b>	12
<b>Mean</b>	3.1666667	<b>Sum Observations</b>	38
<b>Std Deviation</b>	1.52752523	<b>Variance</b>	2.33333333
<b>Skewness</b>	1.68679595	<b>Kurtosis</b>	2.82523191
<b>Uncorrected SS</b>	146	<b>Corrected SS</b>	25.6666667
<b>Coeff Variation</b>	48.2376389	<b>Std Error Mean</b>	0.44095855

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	3.166667	<b>Std Deviation</b>	1.52753
<b>Median</b>	3.000000	<b>Variance</b>	2.33333
<b>Mode</b>	2.000000	<b>Range</b>	5.00000
		<b>Interquartile Range</b>	1.50000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	t	7.181325	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	M	6	<b>Pr &gt;=  M </b>	0.0005
<b>Signed Rank</b>	S	39	<b>Pr &gt;=  S </b>	0.0005

Tests for Normality				
Test	Statistic		p Value	
<b>Shapiro-Wilk</b>	W	0.773351	<b>Pr &lt; W</b>	0.0047
<b>Kolmogorov-Smirnov</b>	D	0.293442	<b>Pr &gt; D</b>	<0.0100
<b>Cramer-von Mises</b>	W-Sq	0.184887	<b>Pr &gt; W-Sq</b>	0.0068
<b>Anderson-Darling</b>	A-Sq	1.066966	<b>Pr &gt; A-Sq</b>	0.0053

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	7.0
<b>99%</b>	7.0
<b>95%</b>	7.0
<b>90%</b>	5.0
<b>75% Q3</b>	3.5
<b>50% Median</b>	3.0

**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

**MST - Marital-status=1 DEG - Degree=2**

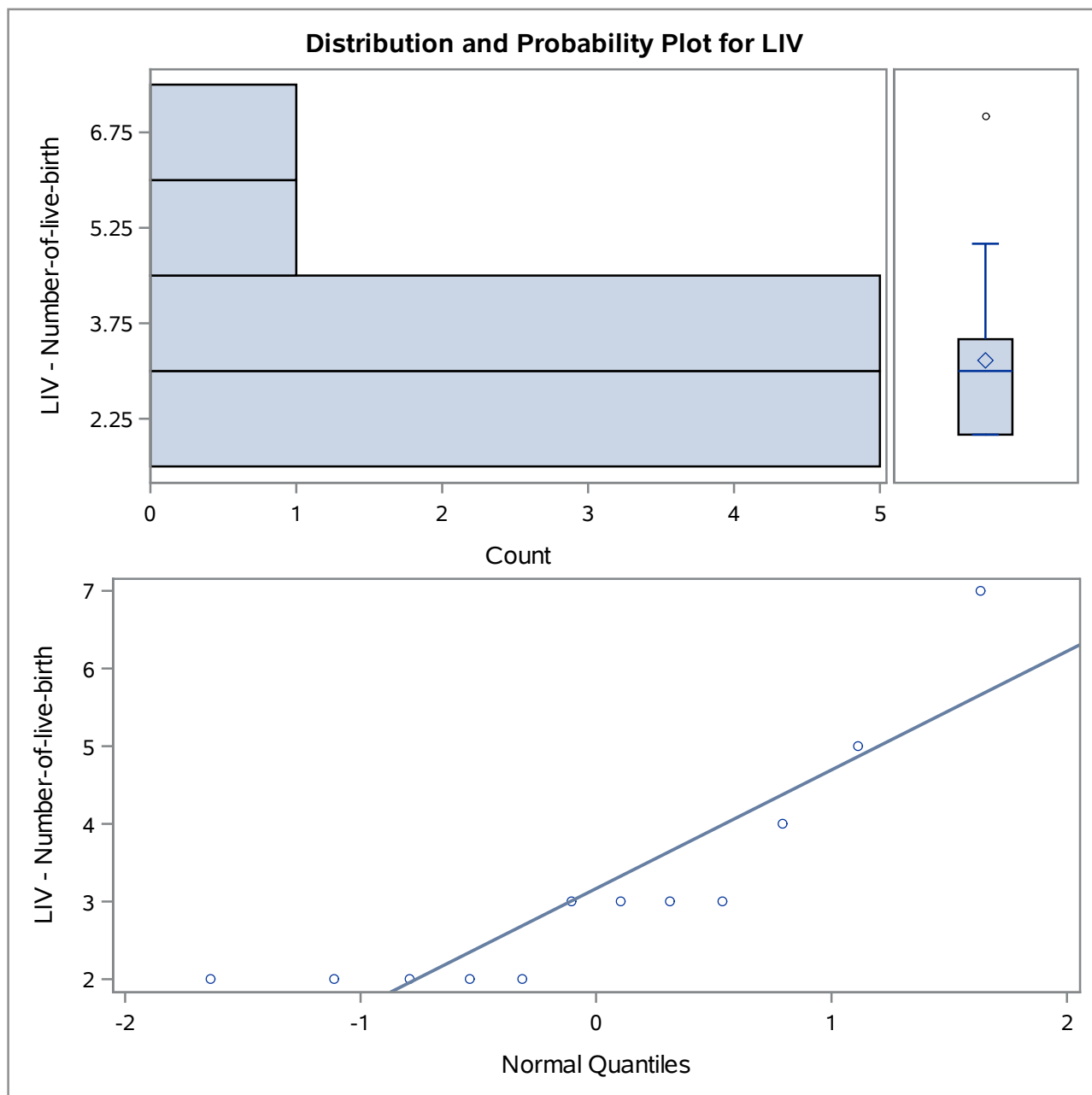
Quantiles (Definition 5)	
Level	Quantile
25% Q1	2.0
10%	2.0
5%	2.0
1%	2.0
0% Min	2.0

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
2	1	2	118	3	1	2	117
2	1	2	116	3	1	2	120
2	1	2	115	4	1	2	113
2	1	2	112	5	1	2	119
2	1	2	111	7	1	2	121



## The UNIVARIATE Procedure

MST - Marital-status=1 DEG - Degree=2



**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

**MST - Marital-status=1 DEG - Degree=2**

Moments			
<b>N</b>	12	<b>Sum Weights</b>	12
<b>Mean</b>	0.58333333	<b>Sum Observations</b>	7
<b>Std Deviation</b>	1.16450015	<b>Variance</b>	1.35606061
<b>Skewness</b>	2.66064716	<b>Kurtosis</b>	7.73106957
<b>Uncorrected SS</b>	19	<b>Corrected SS</b>	14.9166667
<b>Coeff Variation</b>	199.628598	<b>Std Error Mean</b>	0.33616224

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.583333	<b>Std Deviation</b>	1.16450
<b>Median</b>	0.000000	<b>Variance</b>	1.35606
<b>Mode</b>	0.000000	<b>Range</b>	4.00000
		<b>Interquartile Range</b>	1.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	t	1.735273	Pr >  t	0.1106
<b>Sign</b>	M	2	Pr >=  M	0.1250
<b>Signed Rank</b>	S	5	Pr >=  S	0.1250

Tests for Normality				
Test	Statistic		p Value	
<b>Shapiro-Wilk</b>	W	0.569925	Pr < W	<0.0001
<b>Kolmogorov-Smirnov</b>	D	0.358457	Pr > D	<0.0100
<b>Cramer-von Mises</b>	W-Sq	0.388379	Pr > W-Sq	<0.0050
<b>Anderson-Darling</b>	A-Sq	2.141432	Pr > A-Sq	<0.0050

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	4
<b>99%</b>	4
<b>95%</b>	4
<b>90%</b>	1
<b>75% Q3</b>	1
<b>50% Median</b>	0

**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

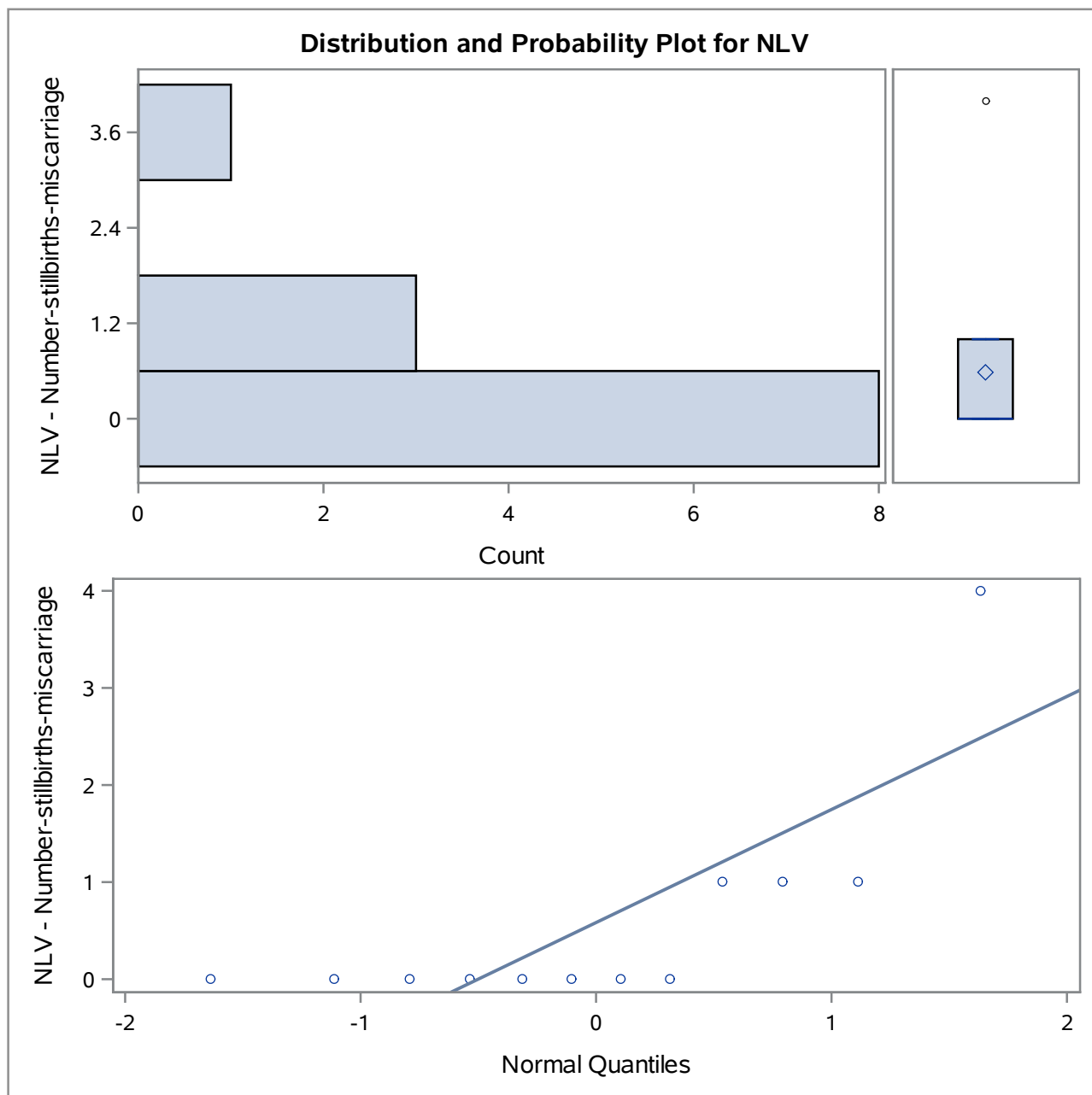
**MST - Marital-status=1 DEG - Degree=2**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	0
10%	0
5%	0
1%	0
0% Min	0

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
0	1	2	121	0	1	2	121
0	1	2	120	1	1	2	112
0	1	2	119	1	1	2	113
0	1	2	118	1	1	2	115
0	1	2	117	4	1	2	110

## The UNIVARIATE Procedure

MST - Marital-status=1 DEG - Degree=2



**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

**MST - Marital-status=1 DEG - Degree=3**

Moments			
<b>N</b>	9	<b>Sum Weights</b>	9
<b>Mean</b>	2.5555556	<b>Sum Observations</b>	23
<b>Std Deviation</b>	1.42400062	<b>Variance</b>	2.02777778
<b>Skewness</b>	-0.644528	<b>Kurtosis</b>	-0.5433343
<b>Uncorrected SS</b>	75	<b>Corrected SS</b>	16.2222222
<b>Coeff Variation</b>	55.7217636	<b>Std Error Mean</b>	0.47466687

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	2.555556	<b>Std Deviation</b>	1.42400
<b>Median</b>	3.000000	<b>Variance</b>	2.02778
<b>Mode</b>	4.000000	<b>Range</b>	4.00000
		<b>Interquartile Range</b>	2.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	t	5.383893	<b>Pr &gt;  t </b>	0.0007
<b>Sign</b>	M	4	<b>Pr &gt;=  M </b>	0.0078
<b>Signed Rank</b>	S	18	<b>Pr &gt;=  S </b>	0.0078

Tests for Normality				
Test	Statistic		p Value	
<b>Shapiro-Wilk</b>	W	0.899034	<b>Pr &lt; W</b>	0.2465
<b>Kolmogorov-Smirnov</b>	D	0.178127	<b>Pr &gt; D</b>	>0.1500
<b>Cramer-von Mises</b>	W-Sq	0.057331	<b>Pr &gt; W-Sq</b>	>0.2500
<b>Anderson-Darling</b>	A-Sq	0.385815	<b>Pr &gt; A-Sq</b>	>0.2500

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	4
<b>99%</b>	4
<b>95%</b>	4
<b>90%</b>	4
<b>75% Q3</b>	4
<b>50% Median</b>	3

**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

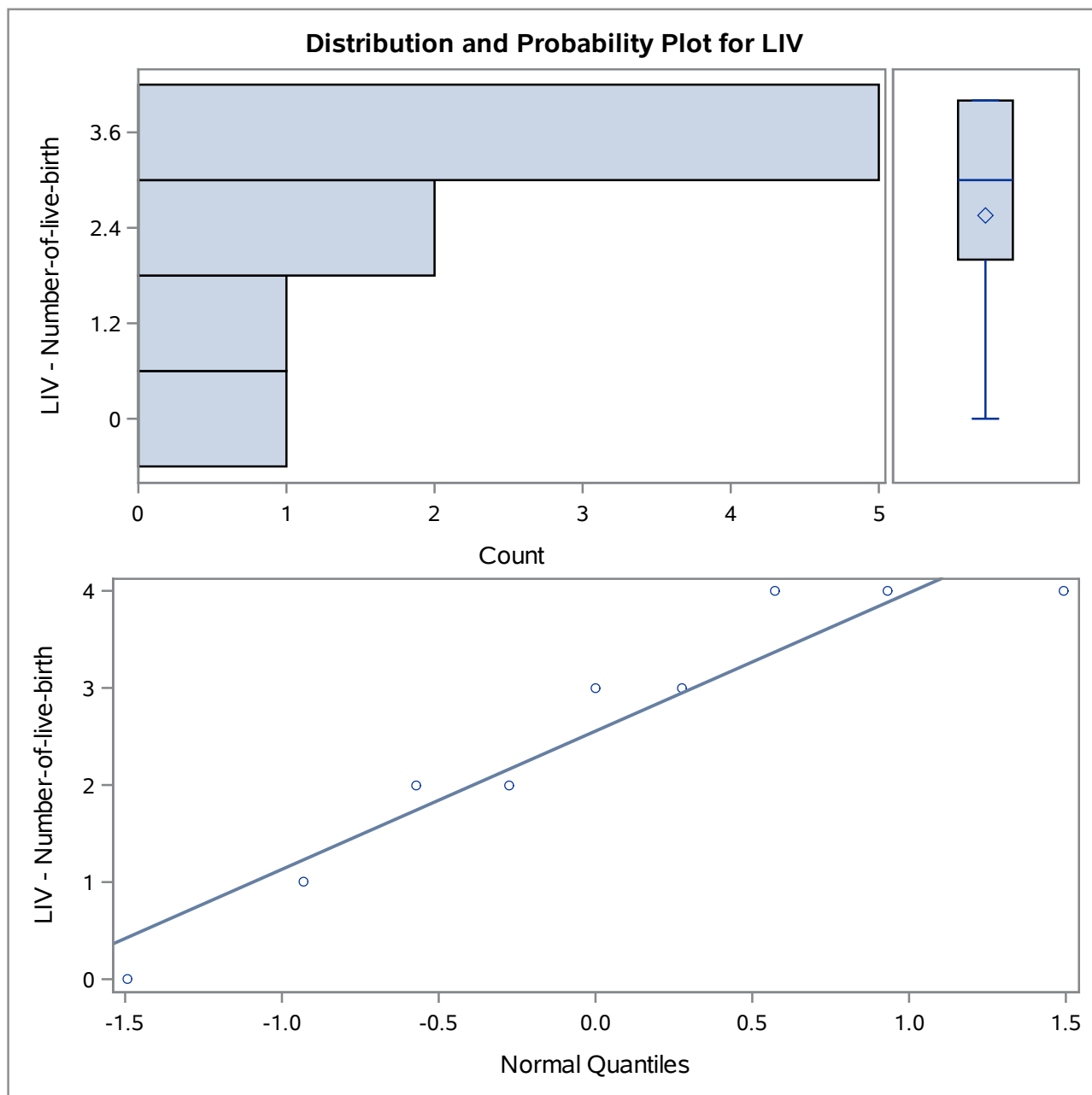
**MST - Marital-status=1 DEG - Degree=3**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	2
10%	0
5%	0
1%	0
0% Min	0

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
0	1	3	123	3	1	3	126
1	1	3	128	3	1	3	127
2	1	3	124	4	1	3	125
2	1	3	122	4	1	3	129
3	1	3	127	4	1	3	130

## The UNIVARIATE Procedure

MST - Marital-status=1 DEG - Degree=3



**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

**MST - Marital-status=1 DEG - Degree=3**

Moments			
<b>N</b>	9	<b>Sum Weights</b>	9
<b>Mean</b>	0.5555556	<b>Sum Observations</b>	5
<b>Std Deviation</b>	1.01379376	<b>Variance</b>	1.02777778
<b>Skewness</b>	2.12131821	<b>Kurtosis</b>	4.64697903
<b>Uncorrected SS</b>	11	<b>Corrected SS</b>	8.22222222
<b>Coeff Variation</b>	182.482876	<b>Std Error Mean</b>	0.33793125

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.555556	<b>Std Deviation</b>	1.01379
<b>Median</b>	0.000000	<b>Variance</b>	1.02778
<b>Mode</b>	0.000000	<b>Range</b>	3.00000
		<b>Interquartile Range</b>	1.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	1.64399	<b>Pr &gt;  t </b>	0.1388
<b>Sign</b>	<b>M</b>	1.5	<b>Pr &gt;=  M </b>	0.2500
<b>Signed Rank</b>	<b>S</b>	3	<b>Pr &gt;=  S </b>	0.2500

Tests for Normality				
Test	Statistic		p Value	
<b>Shapiro-Wilk</b>	<b>W</b>	0.636924	<b>Pr &lt; W</b>	0.0003
<b>Kolmogorov-Smirnov</b>	<b>D</b>	0.37482	<b>Pr &gt; D</b>	<0.0100
<b>Cramer-von Mises</b>	<b>W-Sq</b>	0.267544	<b>Pr &gt; W-Sq</b>	<0.0050
<b>Anderson-Darling</b>	<b>A-Sq</b>	1.471592	<b>Pr &gt; A-Sq</b>	<0.0050

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	3
<b>99%</b>	3
<b>95%</b>	3
<b>90%</b>	3
<b>75% Q3</b>	1
<b>50% Median</b>	0



**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

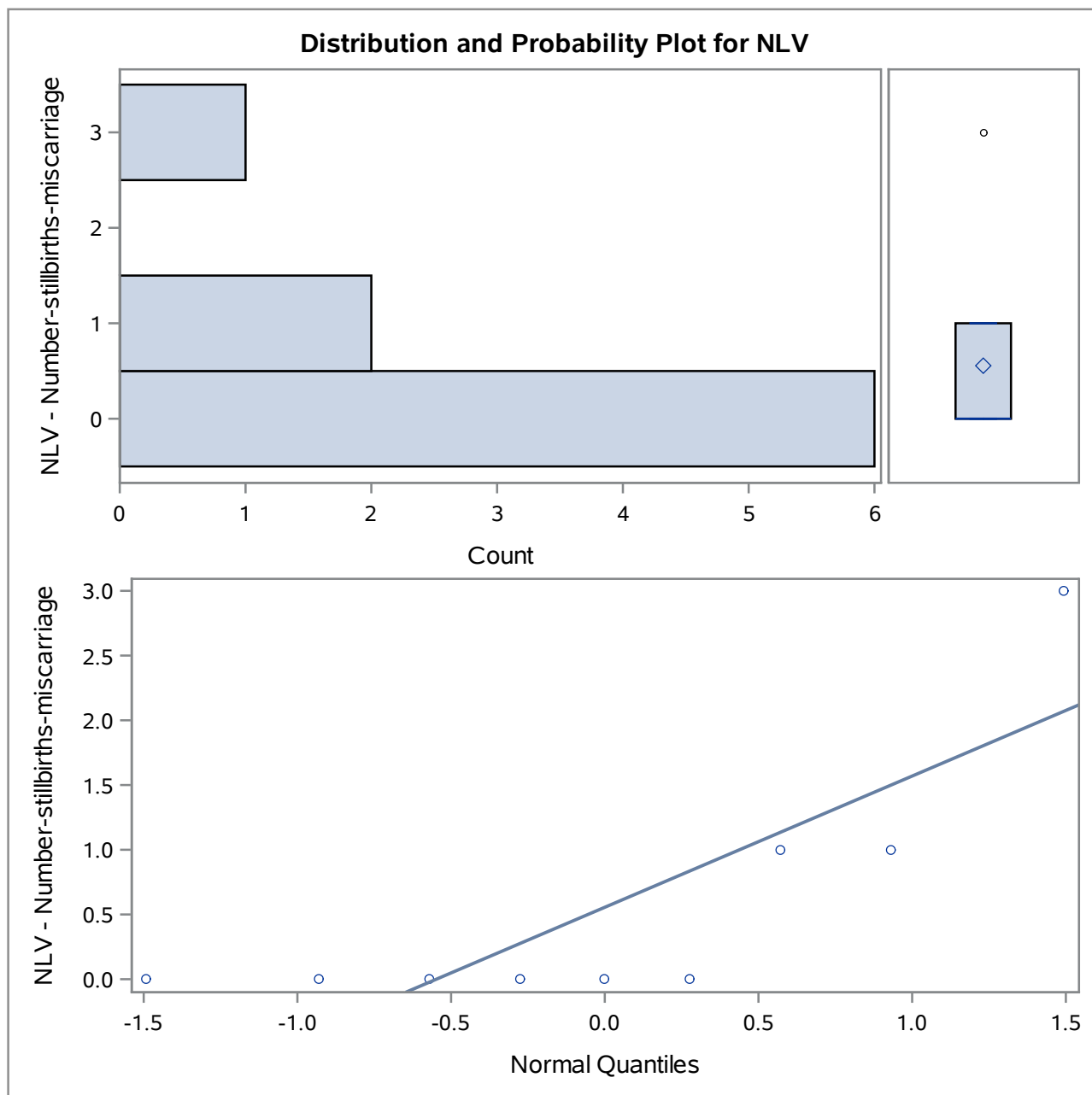
**MST - Marital-status=1 DEG - Degree=3**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	0
10%	0
5%	0
1%	0
0% Min	0

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
0	1	3	130	0	1	3	129
0	1	3	129	0	1	3	130
0	1	3	128	1	1	3	122
0	1	3	127	1	1	3	123
0	1	3	126	3	1	3	125

## The UNIVARIATE Procedure

MST - Marital-status=1 DEG - Degree=3



**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

MST - Marital-status=1 DEG - Degree=4

Moments			
<b>N</b>	8	<b>Sum Weights</b>	8
<b>Mean</b>	3.375	<b>Sum Observations</b>	27
<b>Std Deviation</b>	1.18773494	<b>Variance</b>	1.41071429
<b>Skewness</b>	-0.9698281	<b>Kurtosis</b>	1.87175132
<b>Uncorrected SS</b>	101	<b>Corrected SS</b>	9.875
<b>Coeff Variation</b>	35.1921463	<b>Std Error Mean</b>	0.41992771

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	3.375000	<b>Std Deviation</b>	1.18773
<b>Median</b>	3.500000	<b>Variance</b>	1.41071
<b>Mode</b>	3.000000	<b>Range</b>	4.00000
		<b>Interquartile Range</b>	1.00000

**Note:** The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	8.037098	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	4	<b>Pr &gt;=  M </b>	0.0078
<b>Signed Rank</b>	<b>S</b>	18	<b>Pr &gt;=  S </b>	0.0078

Tests for Normality				
Test	Statistic		p Value	
<b>Shapiro-Wilk</b>	<b>W</b>	0.892138	<b>Pr &lt; W</b>	0.2450
<b>Kolmogorov-Smirnov</b>	<b>D</b>	0.251105	<b>Pr &gt; D</b>	0.1407
<b>Cramer-von Mises</b>	<b>W-Sq</b>	0.087684	<b>Pr &gt; W-Sq</b>	0.1417
<b>Anderson-Darling</b>	<b>A-Sq</b>	0.499603	<b>Pr &gt; A-Sq</b>	0.1479

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	5.0
<b>99%</b>	5.0
<b>95%</b>	5.0
<b>90%</b>	5.0
<b>75% Q3</b>	4.0

**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

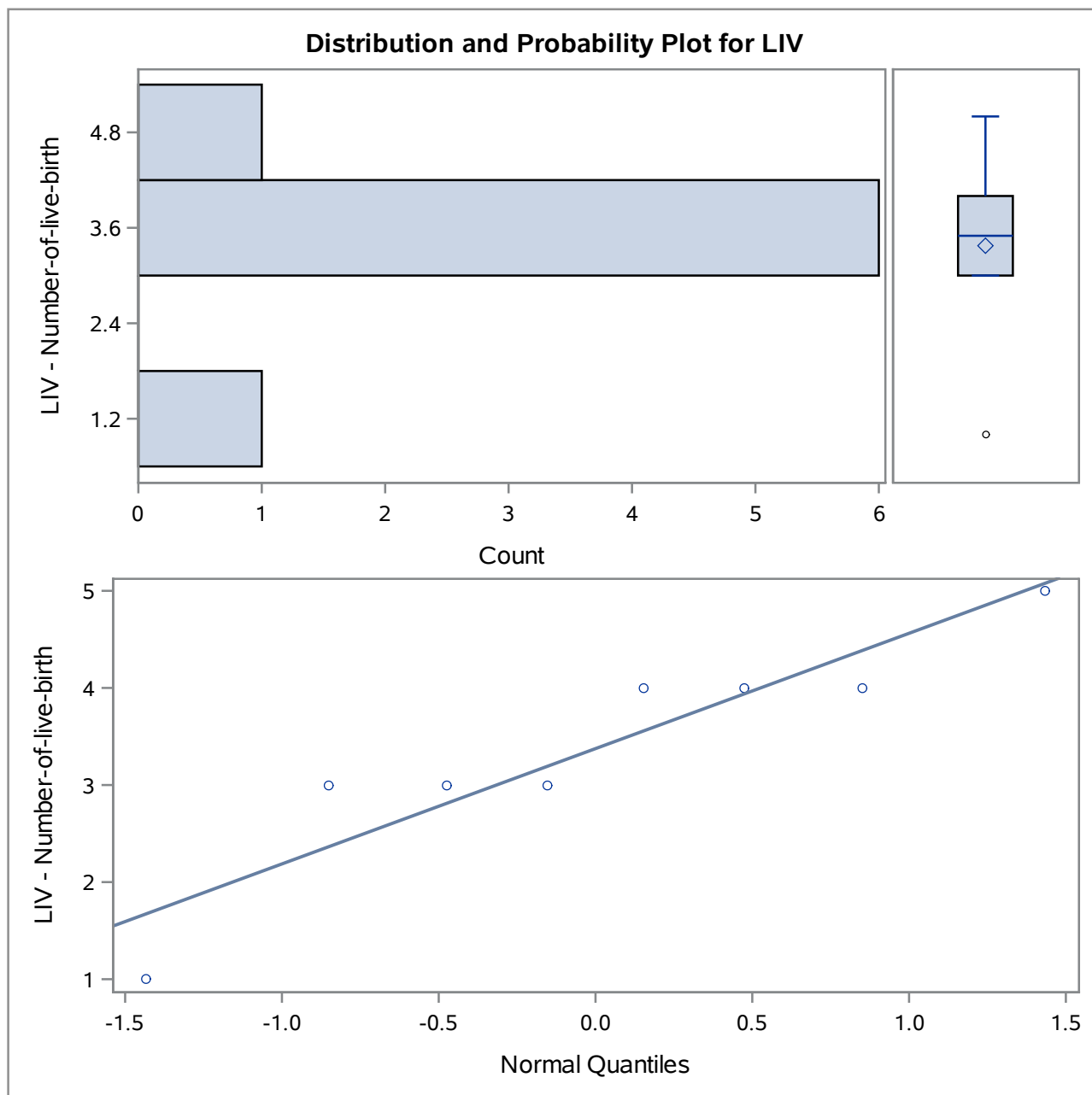
MST - Marital-status=1 DEG - Degree=4

Quantiles (Definition 5)	
Level	Quantile
50% Median	3.5
25% Q1	3.0
10%	1.0
5%	1.0
1%	1.0
0% Min	1.0

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
1	1	4	132	3	1	4	138
3	1	4	138	4	1	4	131
3	1	4	136	4	1	4	135
3	1	4	134	4	1	4	137
4	1	4	137	5	1	4	133

## The UNIVARIATE Procedure

MST - Marital-status=1 DEG - Degree=4



**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

**MST - Marital-status=1 DEG - Degree=4**

Moments			
<b>N</b>	8	<b>Sum Weights</b>	8
<b>Mean</b>	0.25	<b>Sum Observations</b>	2
<b>Std Deviation</b>	0.46291005	<b>Variance</b>	0.21428571
<b>Skewness</b>	1.4401646	<b>Kurtosis</b>	0
<b>Uncorrected SS</b>	2	<b>Corrected SS</b>	1.5
<b>Coeff Variation</b>	185.16402	<b>Std Error Mean</b>	0.16366342

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.250000	<b>Std Deviation</b>	0.46291
<b>Median</b>	0.000000	<b>Variance</b>	0.21429
<b>Mode</b>	0.000000	<b>Range</b>	1.00000
		<b>Interquartile Range</b>	0.50000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	t	1.527525	<b>Pr &gt;  t </b>	0.1705
<b>Sign</b>	M	1	<b>Pr &gt;=  M </b>	0.5000
<b>Signed Rank</b>	S	1.5	<b>Pr &gt;=  S </b>	0.5000

Tests for Normality				
Test	Statistic		p Value	
<b>Shapiro-Wilk</b>	W	0.56594	<b>Pr &lt; W</b>	<0.0001
<b>Kolmogorov-Smirnov</b>	D	0.455423	<b>Pr &gt; D</b>	<0.0100
<b>Cramer-von Mises</b>	W-Sq	0.340958	<b>Pr &gt; W-Sq</b>	<0.0050
<b>Anderson-Darling</b>	A-Sq	1.778808	<b>Pr &gt; A-Sq</b>	<0.0050

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	1.0
<b>99%</b>	1.0
<b>95%</b>	1.0
<b>90%</b>	1.0
<b>75% Q3</b>	0.5
<b>50% Median</b>	0.0

**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

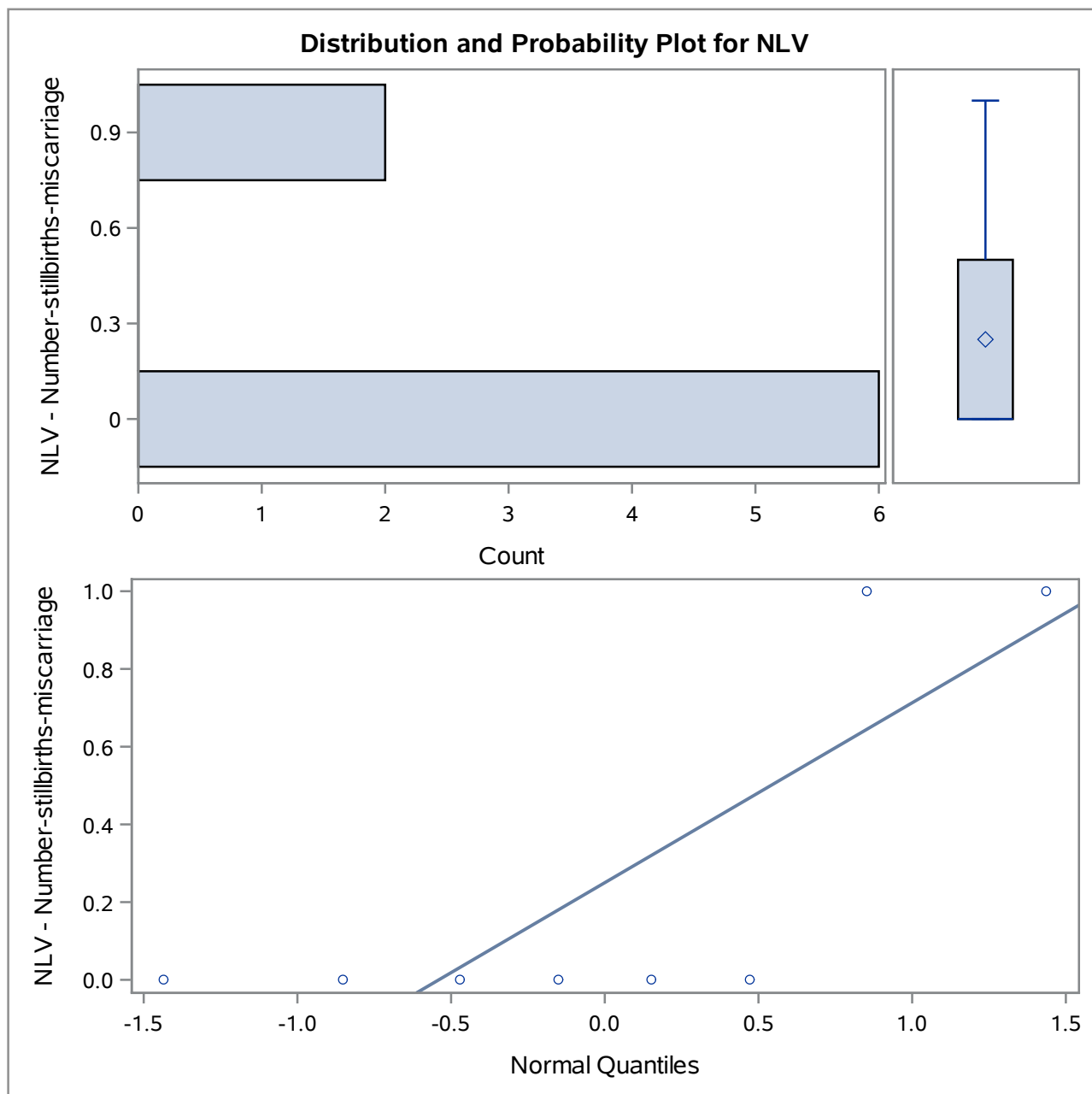
**MST - Marital-status=1 DEG - Degree=4**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	0.0
10%	0.0
5%	0.0
1%	0.0
0% Min	0.0

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
0	1	4	136	0	1	4	134
0	1	4	135	0	1	4	135
0	1	4	134	0	1	4	136
0	1	4	133	1	1	4	137
0	1	4	132	1	1	4	138

## The UNIVARIATE Procedure

MST - Marital-status=1 DEG - Degree=4





**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

MST - Marital-status=2 DEG - Degree=0

Moments			
N	3	Sum Weights	3
Mean	2	Sum Observations	6
Std Deviation	1	Variance	1
Skewness	0	Kurtosis	.
Uncorrected SS	14	Corrected SS	2
Coeff Variation	50	Std Error Mean	0.57735027

Basic Statistical Measures			
Location		Variability	
Mean	2.000000	Std Deviation	1.00000
Median	2.000000	Variance	1.00000
Mode	.	Range	2.00000
		Interquartile Range	2.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	3.464102	Pr >  t	0.0742
Sign	M	1.5	Pr >=  M	0.2500
Signed Rank	S	3	Pr >=  S	0.2500

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	1	Pr < W	1.0000
Kolmogorov-Smirnov	D	0.174678	Pr > D	>0.1500
Cramer-von Mises	W-Sq	0.027906	Pr > W-Sq	>0.2500
Anderson-Darling	A-Sq	0.189488	Pr > A-Sq	>0.2500

Quantiles (Definition 5)	
Level	Quantile
100% Max	3
99%	3
95%	3
90%	3
75% Q3	3
50% Median	2

**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

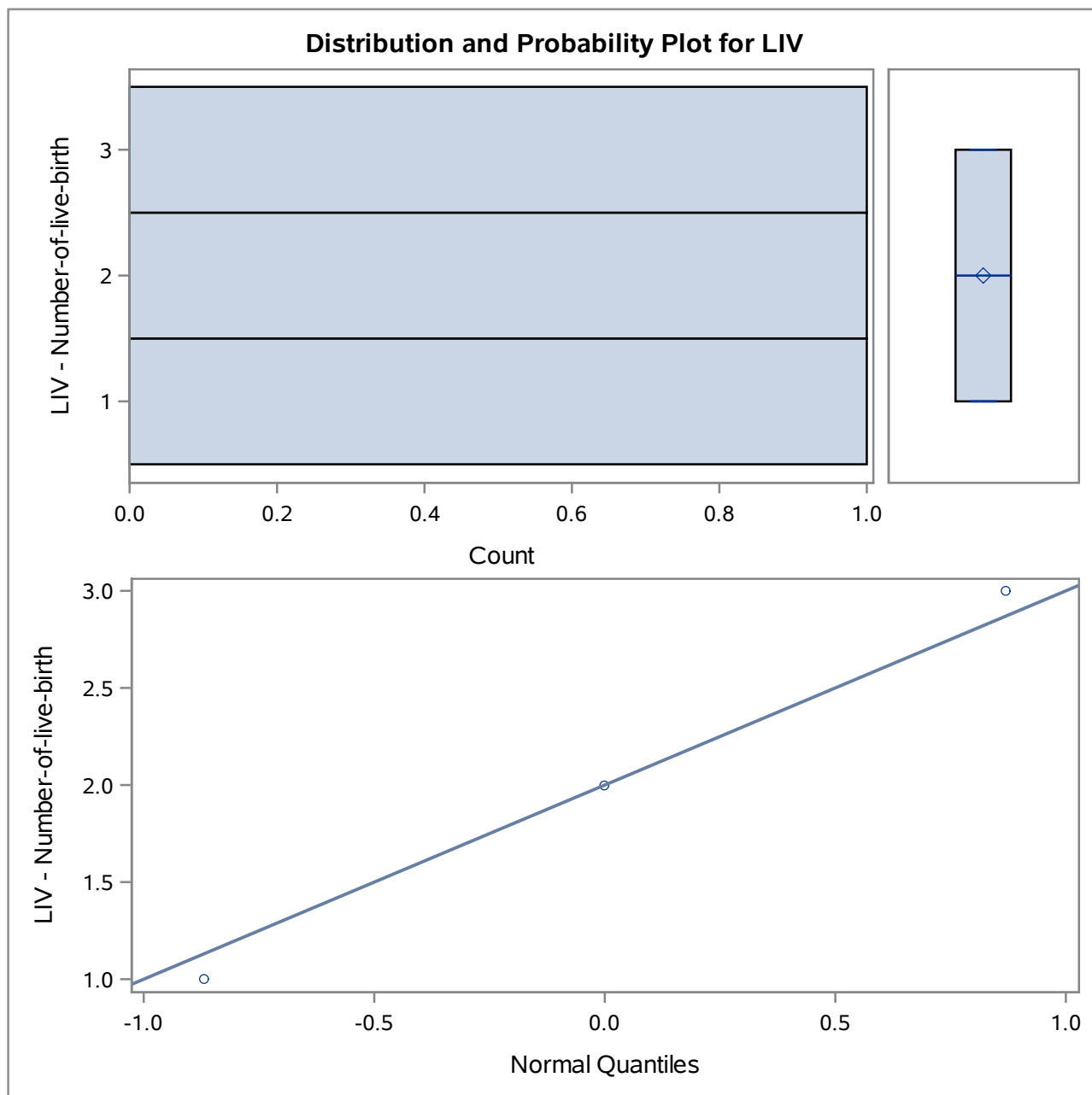
MST - Marital-status=2 DEG - Degree=0

Quantiles (Definition 5)	
Level	Quantile
25% Q1	1
10%	1
5%	1
1%	1
0% Min	1

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
1	2	0	141	1	2	0	141
2	2	0	140	2	2	0	140
3	2	0	139	3	2	0	139

## The UNIVARIATE Procedure

MST - Marital-status=2 DEG - Degree=0



**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

MST - Marital-status=2 DEG - Degree=0

Moments			
N	3	Sum Weights	3
Mean	1	Sum Observations	3
Std Deviation	1	Variance	1
Skewness	0	Kurtosis	.
Uncorrected SS	5	Corrected SS	2
Coeff Variation	100	Std Error Mean	0.57735027

Basic Statistical Measures			
Location		Variability	
Mean	1.000000	Std Deviation	1.00000
Median	1.000000	Variance	1.00000
Mode	.	Range	2.00000
		Interquartile Range	2.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	1.732051	Pr >  t	0.2254
Sign	M	1	Pr >=  M	0.5000
Signed Rank	S	1.5	Pr >=  S	0.5000

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	1	Pr < W	1.0000
Kolmogorov-Smirnov	D	0.174678	Pr > D	>0.1500
Cramer-von Mises	W-Sq	0.027906	Pr > W-Sq	>0.2500
Anderson-Darling	A-Sq	0.189488	Pr > A-Sq	>0.2500

Quantiles (Definition 5)	
Level	Quantile
100% Max	2
99%	2
95%	2
90%	2
75% Q3	2
50% Median	1

**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

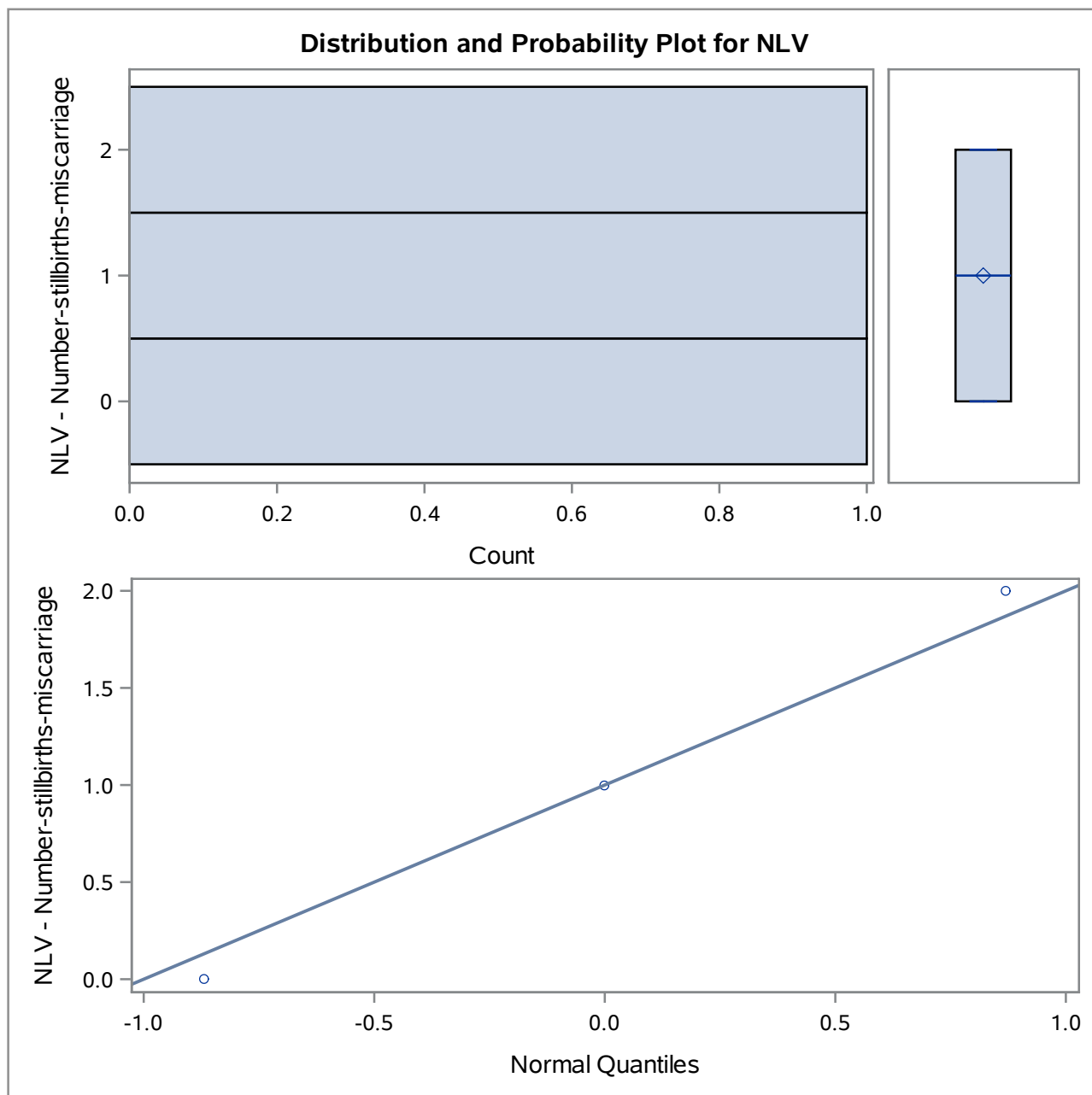
**MST - Marital-status=2 DEG - Degree=0**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	0
10%	0
5%	0
1%	0
0% Min	0

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
0	2	0	141	0	2	0	141
1	2	0	139	1	2	0	139
2	2	0	140	2	2	0	140

## The UNIVARIATE Procedure

MST - Marital-status=2 DEG - Degree=0



**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

MST - Marital-status=2 DEG - Degree=1

Moments			
<b>N</b>	7	<b>Sum Weights</b>	7
<b>Mean</b>	2.71428571	<b>Sum Observations</b>	19
<b>Std Deviation</b>	2.13808994	<b>Variance</b>	4.57142857
<b>Skewness</b>	0.51740106	<b>Kurtosis</b>	-0.7710937
<b>Uncorrected SS</b>	79	<b>Corrected SS</b>	27.4285714
<b>Coeff Variation</b>	78.7717345	<b>Std Error Mean</b>	0.80812204

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	2.714286	<b>Std Deviation</b>	2.13809
<b>Median</b>	2.000000	<b>Variance</b>	4.57143
<b>Mode</b>	2.000000	<b>Range</b>	6.00000
		<b>Interquartile Range</b>	4.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	t	3.358757	Pr >  t	0.0153
<b>Sign</b>	M	3	Pr >=  M	0.0313
<b>Signed Rank</b>	S	10.5	Pr >=  S	0.0313

Tests for Normality				
Test	Statistic		p Value	
<b>Shapiro-Wilk</b>	W	0.945253	Pr < W	0.6864
<b>Kolmogorov-Smirnov</b>	D	0.202268	Pr > D	>0.1500
<b>Cramer-von Mises</b>	W-Sq	0.043402	Pr > W-Sq	>0.2500
<b>Anderson-Darling</b>	A-Sq	0.255889	Pr > A-Sq	>0.2500

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	6
<b>99%</b>	6
<b>95%</b>	6
<b>90%</b>	6
<b>75% Q3</b>	5
<b>50% Median</b>	2

**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

**MST - Marital-status=2 DEG - Degree=1**

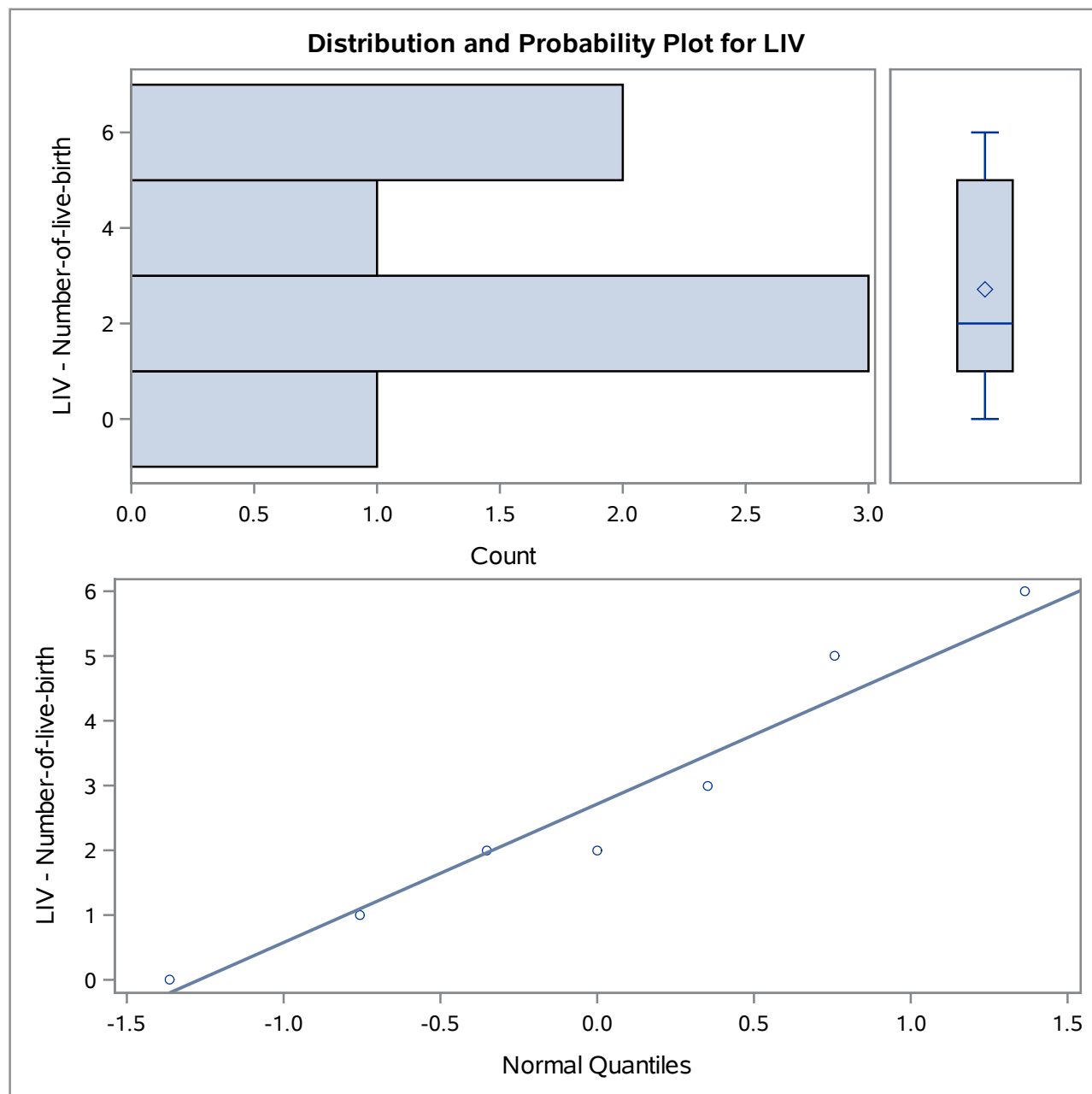
Quantiles (Definition 5)	
Level	Quantile
25% Q1	1
10%	0
5%	0
1%	0
0% Min	0

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
0	2	1	145	2	2	1	142
1	2	1	146	2	2	1	143
2	2	1	143	3	2	1	144
2	2	1	142	5	2	1	148
3	2	1	144	6	2	1	147



## The UNIVARIATE Procedure

MST - Marital-status=2 DEG - Degree=1



**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

MST - Marital-status=2 DEG - Degree=1

Moments			
<b>N</b>	7	<b>Sum Weights</b>	7
<b>Mean</b>	0.14285714	<b>Sum Observations</b>	1
<b>Std Deviation</b>	0.37796447	<b>Variance</b>	0.14285714
<b>Skewness</b>	2.64575131	<b>Kurtosis</b>	7
<b>Uncorrected SS</b>	1	<b>Corrected SS</b>	0.85714286
<b>Coeff Variation</b>	264.575131	<b>Std Error Mean</b>	0.14285714

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.142857	<b>Std Deviation</b>	0.37796
<b>Median</b>	0.000000	<b>Variance</b>	0.14286
<b>Mode</b>	0.000000	<b>Range</b>	1.00000
		<b>Interquartile Range</b>	0

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	1	<b>Pr &gt;  t </b>	0.3559
<b>Sign</b>	<b>M</b>	0.5	<b>Pr &gt;=  M </b>	1.0000
<b>Signed Rank</b>	<b>S</b>	0.5	<b>Pr &gt;=  S </b>	1.0000

Tests for Normality				
Test	Statistic		p Value	
<b>Shapiro-Wilk</b>	<b>W</b>	0.452971	<b>Pr &lt; W</b>	<0.0001
<b>Kolmogorov-Smirnov</b>	<b>D</b>	0.504414	<b>Pr &gt; D</b>	<0.0100
<b>Cramer-von Mises</b>	<b>W-Sq</b>	0.407131	<b>Pr &gt; W-Sq</b>	<0.0050
<b>Anderson-Darling</b>	<b>A-Sq</b>	1.999541	<b>Pr &gt; A-Sq</b>	<0.0050

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	1
<b>99%</b>	1
<b>95%</b>	1
<b>90%</b>	1
<b>75% Q3</b>	0
<b>50% Median</b>	0

**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

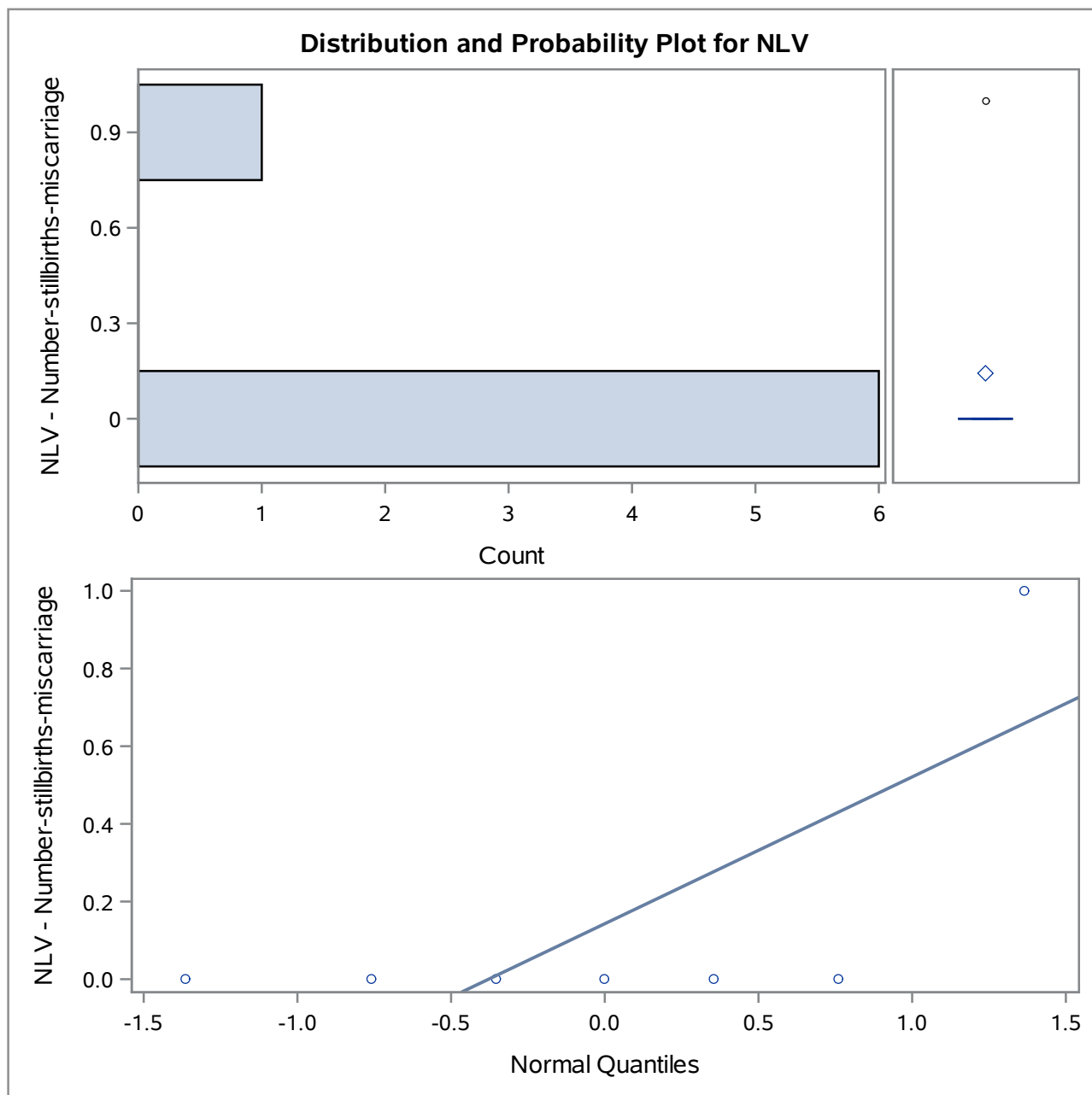
**MST - Marital-status=2 DEG - Degree=1**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	0
10%	0
5%	0
1%	0
0% Min	0

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
0	2	1	148	0	2	1	144
0	2	1	147	0	2	1	146
0	2	1	146	0	2	1	147
0	2	1	144	0	2	1	148
0	2	1	143	1	2	1	145

## The UNIVARIATE Procedure

MST - Marital-status=2 DEG - Degree=1



**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

MST - Marital-status=2 DEG - Degree=2

Moments			
N	3	Sum Weights	3
Mean	2	Sum Observations	6
Std Deviation	1	Variance	1
Skewness	0	Kurtosis	.
Uncorrected SS	14	Corrected SS	2
Coeff Variation	50	Std Error Mean	0.57735027

Basic Statistical Measures			
Location		Variability	
Mean	2.000000	Std Deviation	1.00000
Median	2.000000	Variance	1.00000
Mode	.	Range	2.00000
		Interquartile Range	2.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	3.464102	Pr >  t	0.0742
Sign	M	1.5	Pr >=  M	0.2500
Signed Rank	S	3	Pr >=  S	0.2500

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	1	Pr < W	1.0000
Kolmogorov-Smirnov	D	0.174678	Pr > D	>0.1500
Cramer-von Mises	W-Sq	0.027906	Pr > W-Sq	>0.2500
Anderson-Darling	A-Sq	0.189488	Pr > A-Sq	>0.2500

Quantiles (Definition 5)	
Level	Quantile
100% Max	3
99%	3
95%	3
90%	3
75% Q3	3
50% Median	2

**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

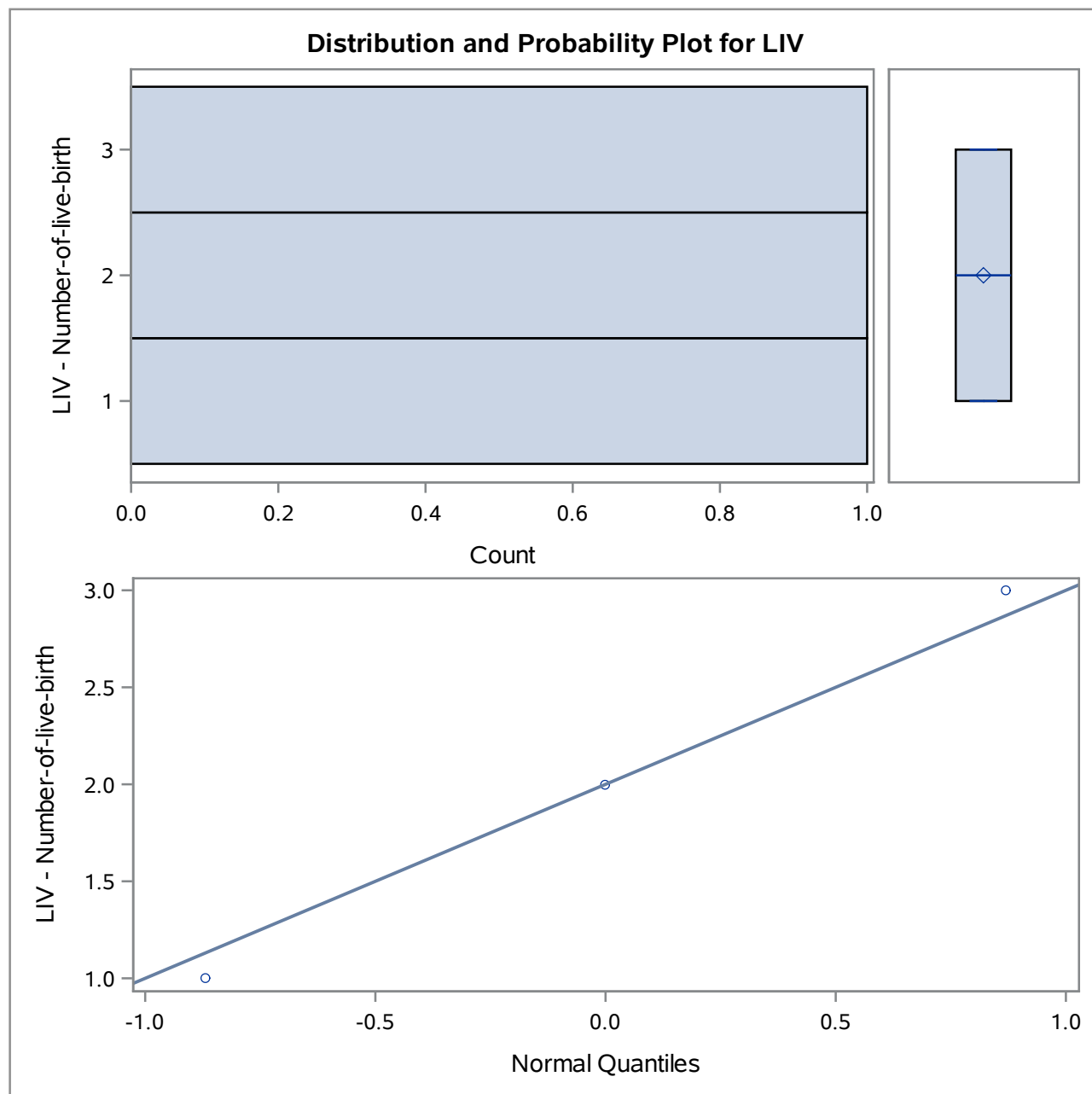
**MST - Marital-status=2 DEG - Degree=2**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	1
10%	1
5%	1
1%	1
0% Min	1

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
1	2	2	149	1	2	2	149
2	2	2	150	2	2	2	150
3	2	2	151	3	2	2	151

## The UNIVARIATE Procedure

MST - Marital-status=2 DEG - Degree=2



**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

MST - Marital-status=2 DEG - Degree=2

Moments			
N	3	Sum Weights	3
Mean	1	Sum Observations	3
Std Deviation	1	Variance	1
Skewness	0	Kurtosis	.
Uncorrected SS	5	Corrected SS	2
Coeff Variation	100	Std Error Mean	0.57735027

Basic Statistical Measures			
Location		Variability	
Mean	1.000000	Std Deviation	1.00000
Median	1.000000	Variance	1.00000
Mode	.	Range	2.00000
		Interquartile Range	2.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	1.732051	Pr >  t	0.2254
Sign	M	1	Pr >=  M	0.5000
Signed Rank	S	1.5	Pr >=  S	0.5000

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	1	Pr < W	1.0000
Kolmogorov-Smirnov	D	0.174678	Pr > D	>0.1500
Cramer-von Mises	W-Sq	0.027906	Pr > W-Sq	>0.2500
Anderson-Darling	A-Sq	0.189488	Pr > A-Sq	>0.2500

Quantiles (Definition 5)	
Level	Quantile
100% Max	2
99%	2
95%	2
90%	2
75% Q3	2
50% Median	1



**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

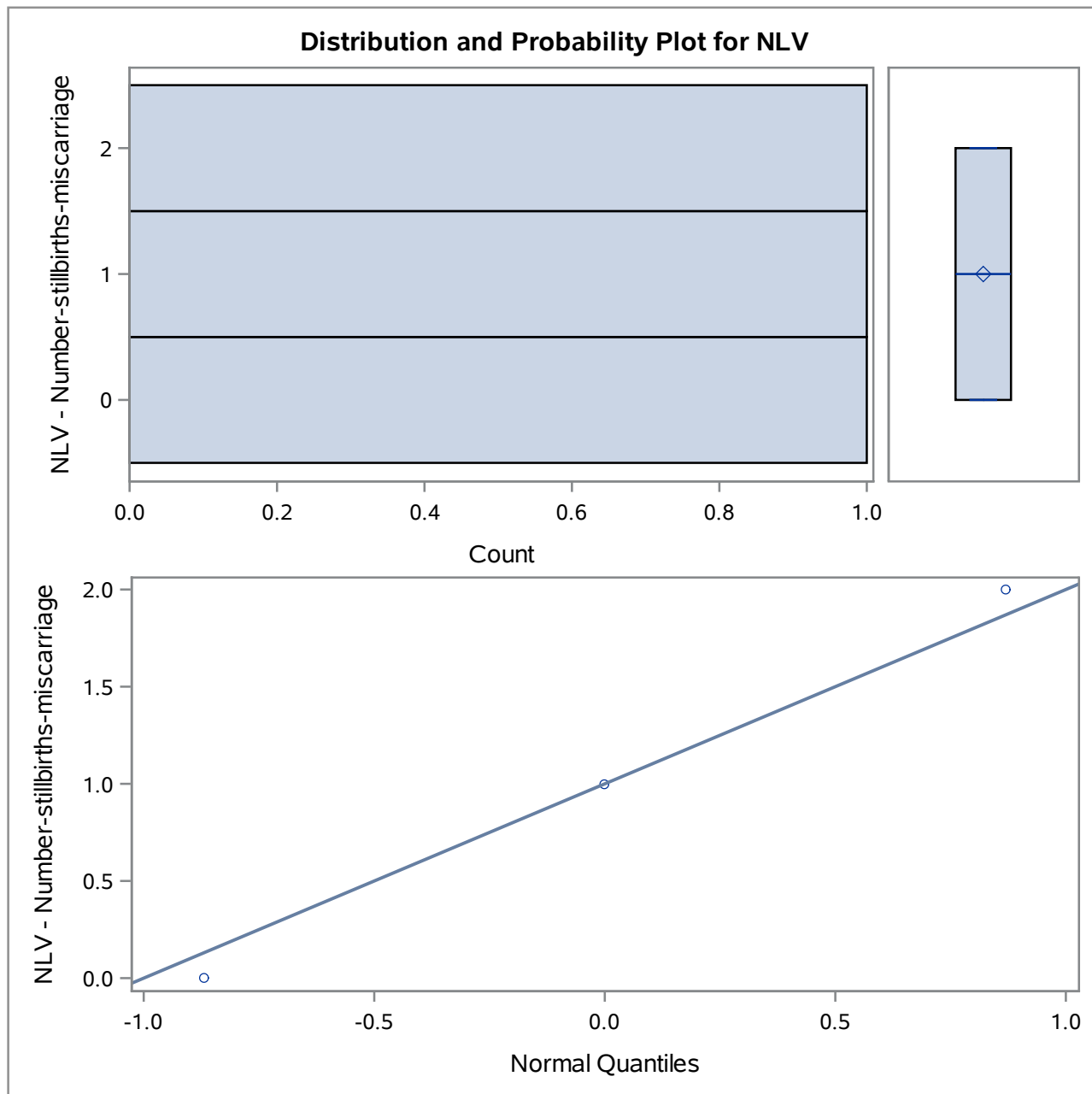
**MST - Marital-status=2 DEG - Degree=2**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	0
10%	0
5%	0
1%	0
0% Min	0

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
0	2	2	151	0	2	2	151
1	2	2	149	1	2	2	149
2	2	2	150	2	2	2	150

## The UNIVARIATE Procedure

MST - Marital-status=2 DEG - Degree=2



**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

MST - Marital-status=2 DEG - Degree=3

Moments			
N	2	Sum Weights	2
Mean	4.5	Sum Observations	9
Std Deviation	0.70710678	Variance	0.5
Skewness	.	Kurtosis	.
Uncorrected SS	41	Corrected SS	0.5
Coeff Variation	15.713484	Std Error Mean	0.5

Basic Statistical Measures			
Location		Variability	
Mean	4.500000	Std Deviation	0.70711
Median	4.500000	Variance	0.50000
Mode	.	Range	1.00000
		Interquartile Range	1.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	9	Pr >  t	0.0704
Sign	M	1	Pr >=  M	0.5000
Signed Rank	S	1.5	Pr >=  S	0.5000

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	1	Pr < W	1.0000
Kolmogorov-Smirnov	D	0.26025	Pr > D	>0.1500
Cramer-von Mises	W-Sq	0.041877	Pr > W-Sq	>0.2500
Anderson-Darling	A-Sq	0.250482	Pr > A-Sq	0.2332

Quantiles (Definition 5)	
Level	Quantile
100% Max	5.0
99%	5.0
95%	5.0
90%	5.0
75% Q3	5.0
50% Median	4.5

**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

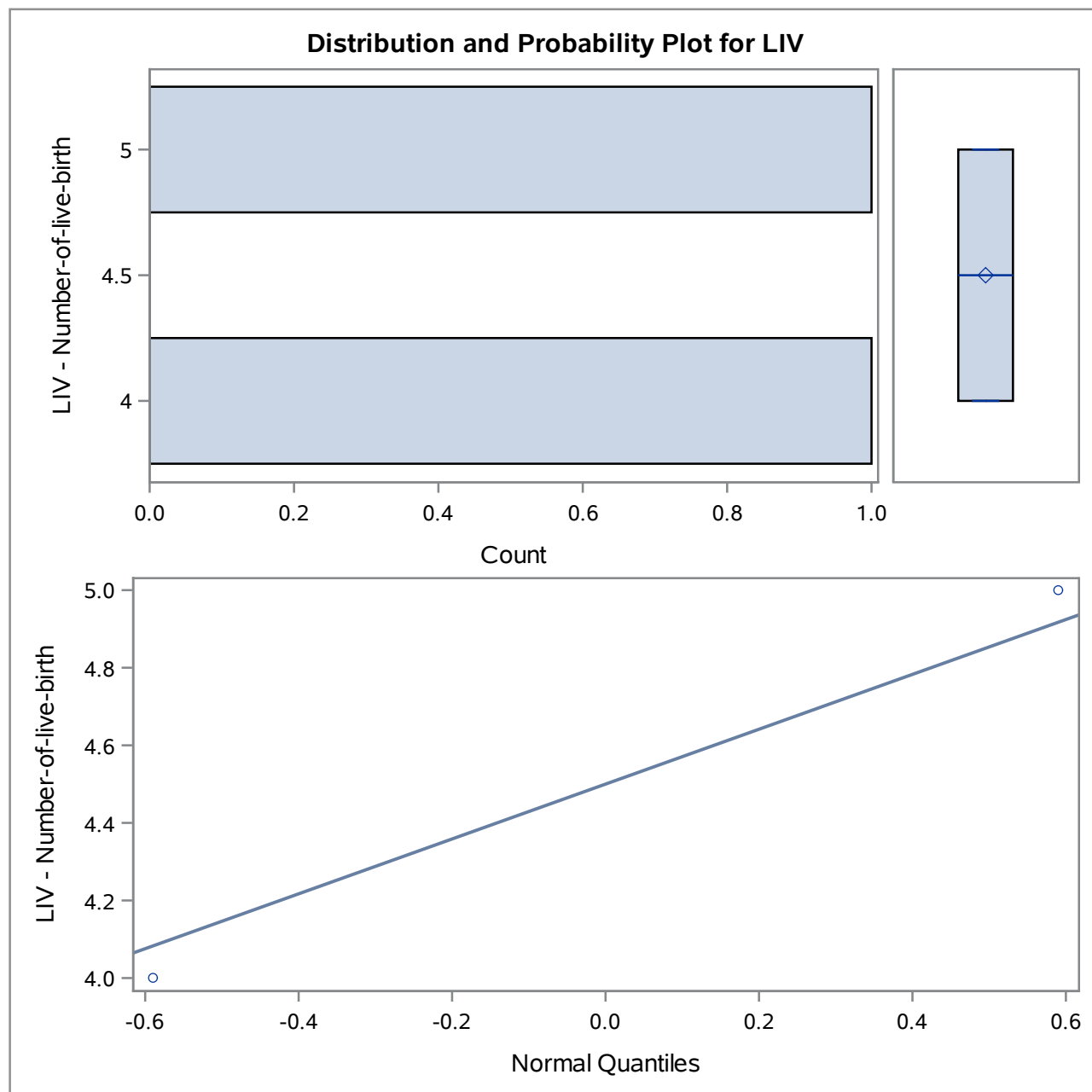
**MST - Marital-status=2 DEG - Degree=3**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	4.0
10%	4.0
5%	4.0
1%	4.0
0% Min	4.0

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
4	2	3	153	4	2	3	153
5	2	3	152	5	2	3	152

## The UNIVARIATE Procedure

MST - Marital-status=2 DEG - Degree=3



**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

**MST - Marital-status=2 DEG - Degree=3**

Moments			
<b>N</b>	2	<b>Sum Weights</b>	2
<b>Mean</b>	0.5	<b>Sum Observations</b>	1
<b>Std Deviation</b>	0.70710678	<b>Variance</b>	0.5
<b>Skewness</b>	.	<b>Kurtosis</b>	.
<b>Uncorrected SS</b>	1	<b>Corrected SS</b>	0.5
<b>Coeff Variation</b>	141.421356	<b>Std Error Mean</b>	0.5

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.500000	<b>Std Deviation</b>	0.70711
<b>Median</b>	0.500000	<b>Variance</b>	0.50000
<b>Mode</b>	.	<b>Range</b>	1.00000
		<b>Interquartile Range</b>	1.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	1	<b>Pr &gt;  t </b>	0.5000
<b>Sign</b>	<b>M</b>	0.5	<b>Pr &gt;=  M </b>	1.0000
<b>Signed Rank</b>	<b>S</b>	0.5	<b>Pr &gt;=  S </b>	1.0000

Tests for Normality				
Test	Statistic		p Value	
<b>Shapiro-Wilk</b>	<b>W</b>	1	<b>Pr &lt; W</b>	1.0000
<b>Kolmogorov-Smirnov</b>	<b>D</b>	0.26025	<b>Pr &gt; D</b>	>0.1500
<b>Cramer-von Mises</b>	<b>W-Sq</b>	0.041877	<b>Pr &gt; W-Sq</b>	>0.2500
<b>Anderson-Darling</b>	<b>A-Sq</b>	0.250482	<b>Pr &gt; A-Sq</b>	0.2332

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	1.0
<b>99%</b>	1.0
<b>95%</b>	1.0
<b>90%</b>	1.0
<b>75% Q3</b>	1.0
<b>50% Median</b>	0.5

**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

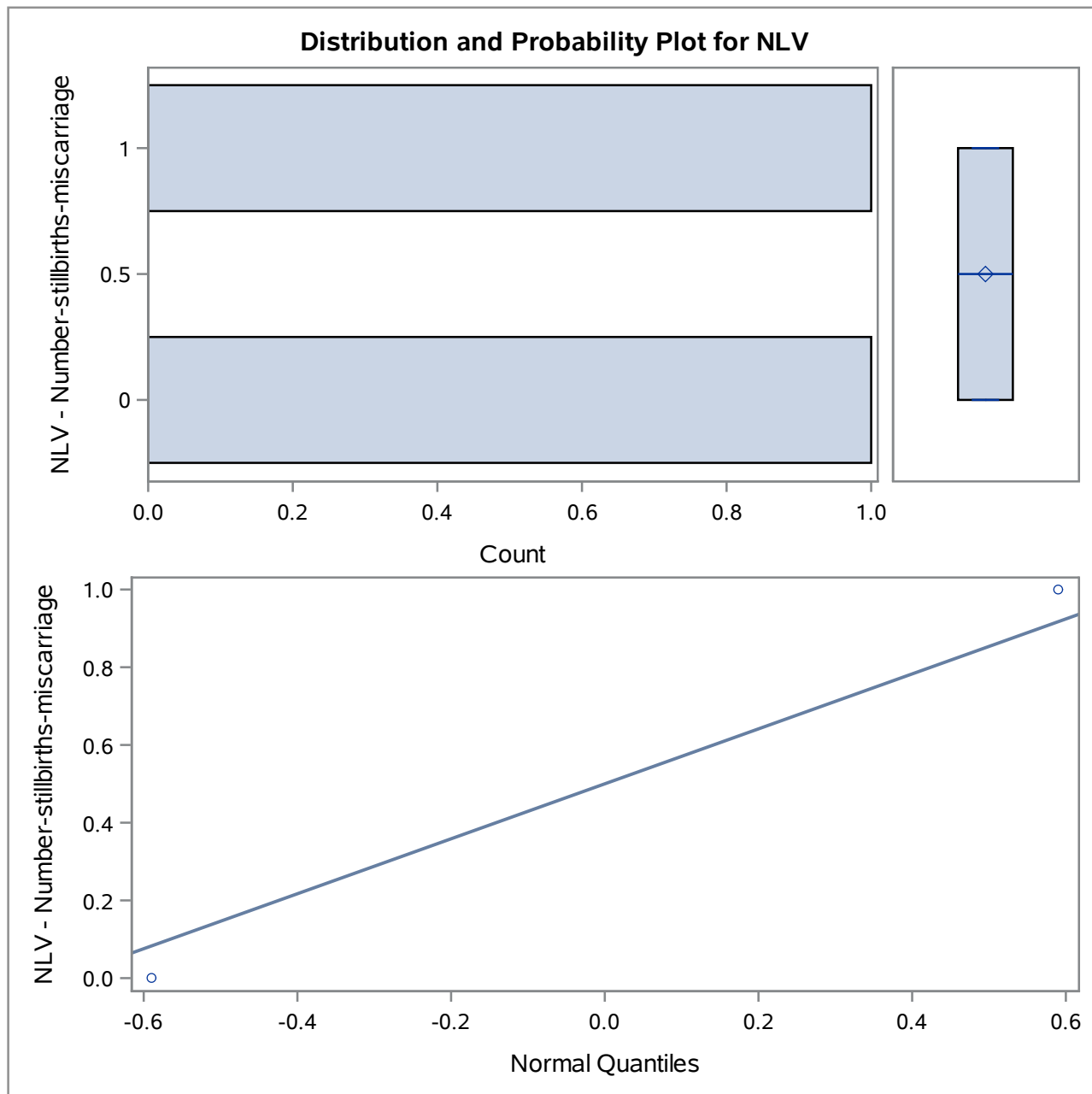
**MST - Marital-status=2 DEG - Degree=3**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	0.0
10%	0.0
5%	0.0
1%	0.0
0% Min	0.0

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
0	2	3	153	0	2	3	153
1	2	3	152	1	2	3	152

## The UNIVARIATE Procedure

MST - Marital-status=2 DEG - Degree=3





**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

MST - Marital-status=2 DEG - Degree=4

Moments			
N	2	Sum Weights	2
Mean	1	Sum Observations	2
Std Deviation	0	Variance	0
Skewness	.	Kurtosis	.
Uncorrected SS	2	Corrected SS	0
Coeff Variation	0	Std Error Mean	0

Basic Statistical Measures			
Location		Variability	
Mean	1.000000	Std Deviation	0
Median	1.000000	Variance	0
Mode	1.000000	Range	0
		Interquartile Range	0

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	.	Pr >  t	.
Sign	M	1	Pr >=  M	0.5000
Signed Rank	S	1.5	Pr >=  S	0.5000

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	.	Pr < W	.
Kolmogorov-Smirnov	D	.	Pr > D	.
Cramer-von Mises	W-Sq	.	Pr > W-Sq	.
Anderson-Darling	A-Sq	.	Pr > A-Sq	.

Quantiles (Definition 5)	
Level	Quantile
100% Max	1
99%	1
95%	1
90%	1
75% Q3	1
50% Median	1

**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

**MST - Marital-status=2 DEG - Degree=4**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	1
10%	1
5%	1
1%	1
0% Min	1

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
1	2	4	155	1	2	4	154
1	2	4	154	1	2	4	155

**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

MST - Marital-status=2 DEG - Degree=4

Moments			
N	2	Sum Weights	2
Mean	0	Sum Observations	0
Std Deviation	0	Variance	0
Skewness	.	Kurtosis	.
Uncorrected SS	0	Corrected SS	0
Coeff Variation	.	Std Error Mean	0

Basic Statistical Measures			
Location		Variability	
Mean	0	Std Deviation	0
Median	0	Variance	0
Mode	0	Range	0
		Interquartile Range	0

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	.	Pr >  t	.
Sign	M	.	Pr >=  M	.
Signed Rank	S	.	Pr >=  S	.

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	.	Pr < W	.
Kolmogorov-Smirnov	D	.	Pr > D	.
Cramer-von Mises	W-Sq	.	Pr > W-Sq	.
Anderson-Darling	A-Sq	.	Pr > A-Sq	.

Quantiles (Definition 5)	
Level	Quantile
100% Max	0
99%	0
95%	0
90%	0
75% Q3	0
50% Median	0

**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

**MST - Marital-status=2 DEG - Degree=4**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	0
10%	0
5%	0
1%	0
0% Min	0

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
0	2	4	155	0	2	4	154
0	2	4	154	0	2	4	155

**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

MST - Marital-status=3 DEG - Degree=0

Moments			
N	2	Sum Weights	2
Mean	3.5	Sum Observations	7
Std Deviation	0.70710678	Variance	0.5
Skewness	.	Kurtosis	.
Uncorrected SS	25	Corrected SS	0.5
Coeff Variation	20.2030509	Std Error Mean	0.5

Basic Statistical Measures			
Location		Variability	
Mean	3.500000	Std Deviation	0.70711
Median	3.500000	Variance	0.50000
Mode	.	Range	1.00000
		Interquartile Range	1.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	7	Pr >  t	0.0903
Sign	M	1	Pr >=  M	0.5000
Signed Rank	S	1.5	Pr >=  S	0.5000

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	1	Pr < W	1.0000
Kolmogorov-Smirnov	D	0.26025	Pr > D	>0.1500
Cramer-von Mises	W-Sq	0.041877	Pr > W-Sq	>0.2500
Anderson-Darling	A-Sq	0.250482	Pr > A-Sq	0.2332

Quantiles (Definition 5)	
Level	Quantile
100% Max	4.0
99%	4.0
95%	4.0
90%	4.0
75% Q3	4.0
50% Median	3.5

**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

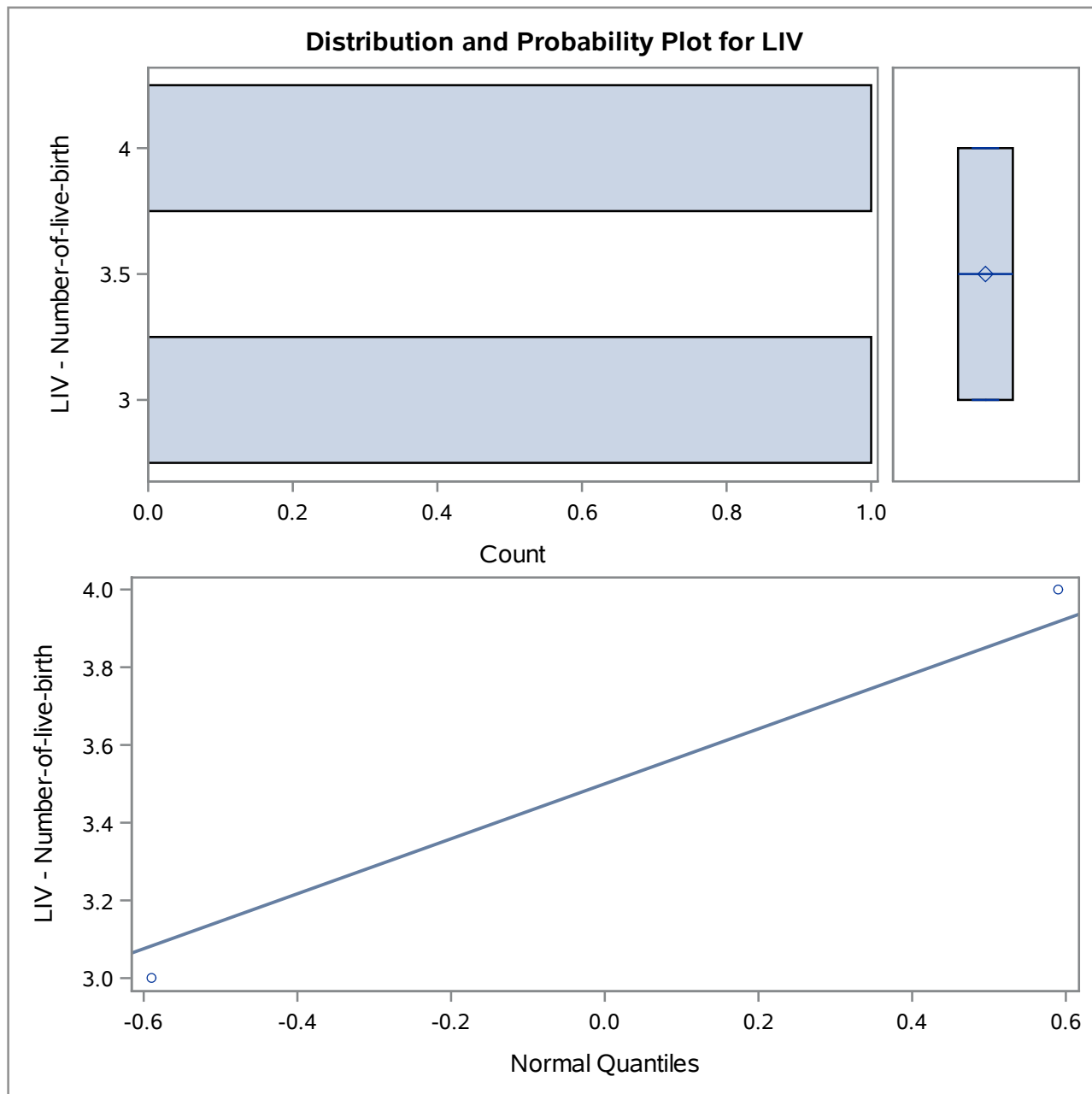
**MST - Marital-status=3 DEG - Degree=0**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	3.0
10%	3.0
5%	3.0
1%	3.0
0% Min	3.0

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
3	3	0	156	3	3	0	156
4	3	0	157	4	3	0	157

## The UNIVARIATE Procedure

MST - Marital-status=3 DEG - Degree=0



**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

**MST - Marital-status=3 DEG - Degree=0**

Moments			
<b>N</b>	2	<b>Sum Weights</b>	2
<b>Mean</b>	1.5	<b>Sum Observations</b>	3
<b>Std Deviation</b>	0.70710678	<b>Variance</b>	0.5
<b>Skewness</b>	.	<b>Kurtosis</b>	.
<b>Uncorrected SS</b>	5	<b>Corrected SS</b>	0.5
<b>Coeff Variation</b>	47.1404521	<b>Std Error Mean</b>	0.5

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	1.500000	<b>Std Deviation</b>	0.70711
<b>Median</b>	1.500000	<b>Variance</b>	0.50000
<b>Mode</b>	.	<b>Range</b>	1.00000
		<b>Interquartile Range</b>	1.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	3	<b>Pr &gt;  t </b>	0.2048
<b>Sign</b>	<b>M</b>	1	<b>Pr &gt;=  M </b>	0.5000
<b>Signed Rank</b>	<b>S</b>	1.5	<b>Pr &gt;=  S </b>	0.5000

Tests for Normality				
Test	Statistic		p Value	
<b>Shapiro-Wilk</b>	<b>W</b>	1	<b>Pr &lt; W</b>	1.0000
<b>Kolmogorov-Smirnov</b>	<b>D</b>	0.26025	<b>Pr &gt; D</b>	>0.1500
<b>Cramer-von Mises</b>	<b>W-Sq</b>	0.041877	<b>Pr &gt; W-Sq</b>	>0.2500
<b>Anderson-Darling</b>	<b>A-Sq</b>	0.250482	<b>Pr &gt; A-Sq</b>	0.2332

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	2.0
<b>99%</b>	2.0
<b>95%</b>	2.0
<b>90%</b>	2.0
<b>75% Q3</b>	2.0
<b>50% Median</b>	1.5



**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

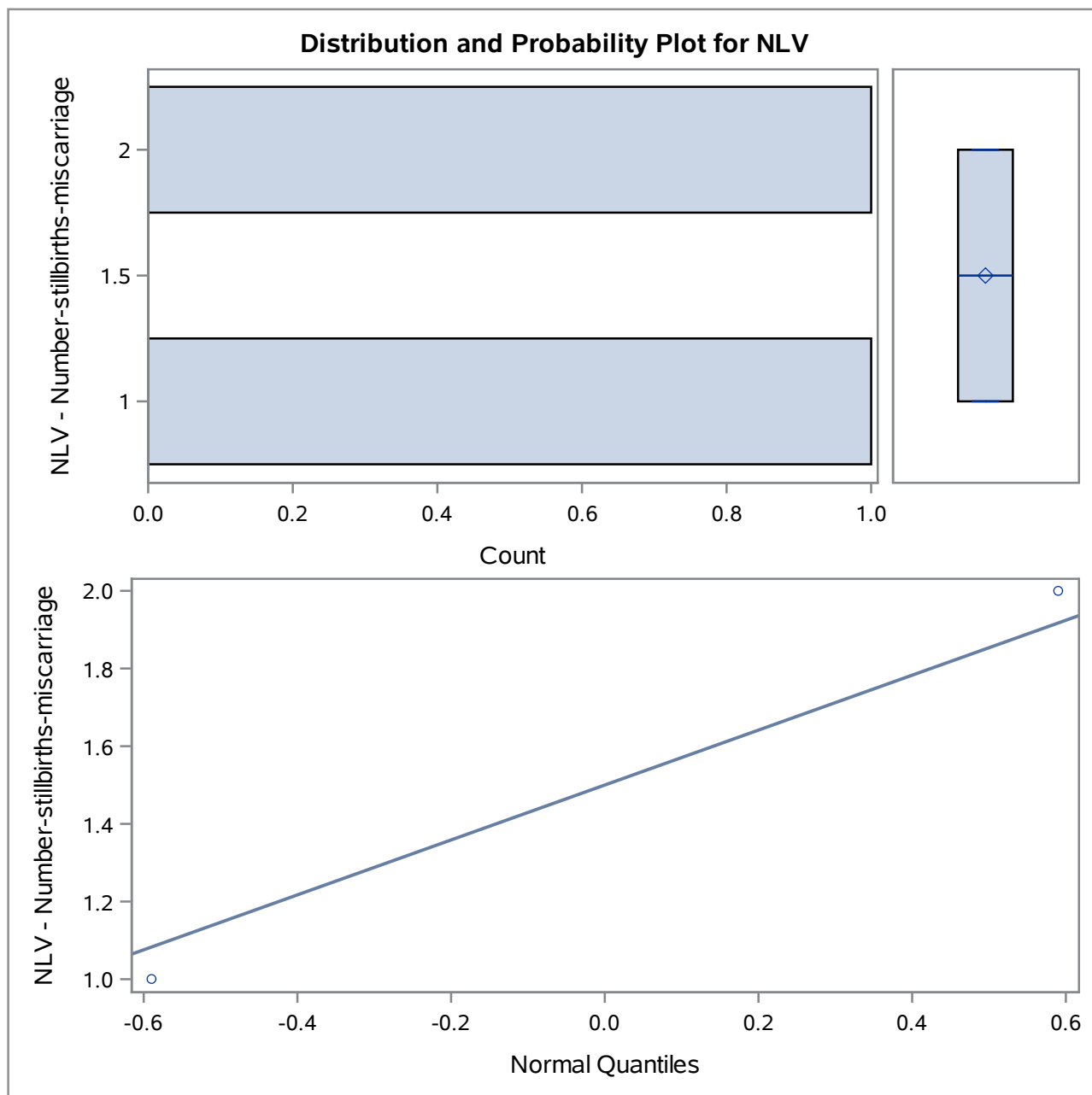
**MST - Marital-status=3 DEG - Degree=0**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	1.0
10%	1.0
5%	1.0
1%	1.0
0% Min	1.0

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
1	3	0	156	1	3	0	156
2	3	0	157	2	3	0	157

## The UNIVARIATE Procedure

MST - Marital-status=3 DEG - Degree=0



**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

MST - Marital-status=3 DEG - Degree=1

Moments			
<b>N</b>	3	<b>Sum Weights</b>	3
<b>Mean</b>	2.33333333	<b>Sum Observations</b>	7
<b>Std Deviation</b>	0.57735027	<b>Variance</b>	0.33333333
<b>Skewness</b>	1.73205081	<b>Kurtosis</b>	.
<b>Uncorrected SS</b>	17	<b>Corrected SS</b>	0.66666667
<b>Coeff Variation</b>	24.743583	<b>Std Error Mean</b>	0.33333333

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	2.333333	<b>Std Deviation</b>	0.57735
<b>Median</b>	2.000000	<b>Variance</b>	0.33333
<b>Mode</b>	2.000000	<b>Range</b>	1.00000
		<b>Interquartile Range</b>	1.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	7	<b>Pr &gt;  t </b>	0.0198
<b>Sign</b>	<b>M</b>	1.5	<b>Pr &gt;=  M </b>	0.2500
<b>Signed Rank</b>	<b>S</b>	3	<b>Pr &gt;=  S </b>	0.2500

Tests for Normality				
Test	Statistic		p Value	
<b>Shapiro-Wilk</b>	<b>W</b>	0.75	<b>Pr &lt; W</b>	<0.0001
<b>Kolmogorov-Smirnov</b>	<b>D</b>	0.384815	<b>Pr &gt; D</b>	0.0786
<b>Cramer-von Mises</b>	<b>W-Sq</b>	0.090445	<b>Pr &gt; W-Sq</b>	0.0965
<b>Anderson-Darling</b>	<b>A-Sq</b>	0.487767	<b>Pr &gt; A-Sq</b>	0.0584

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	3
<b>99%</b>	3
<b>95%</b>	3
<b>90%</b>	3
<b>75% Q3</b>	3
<b>50% Median</b>	2

**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

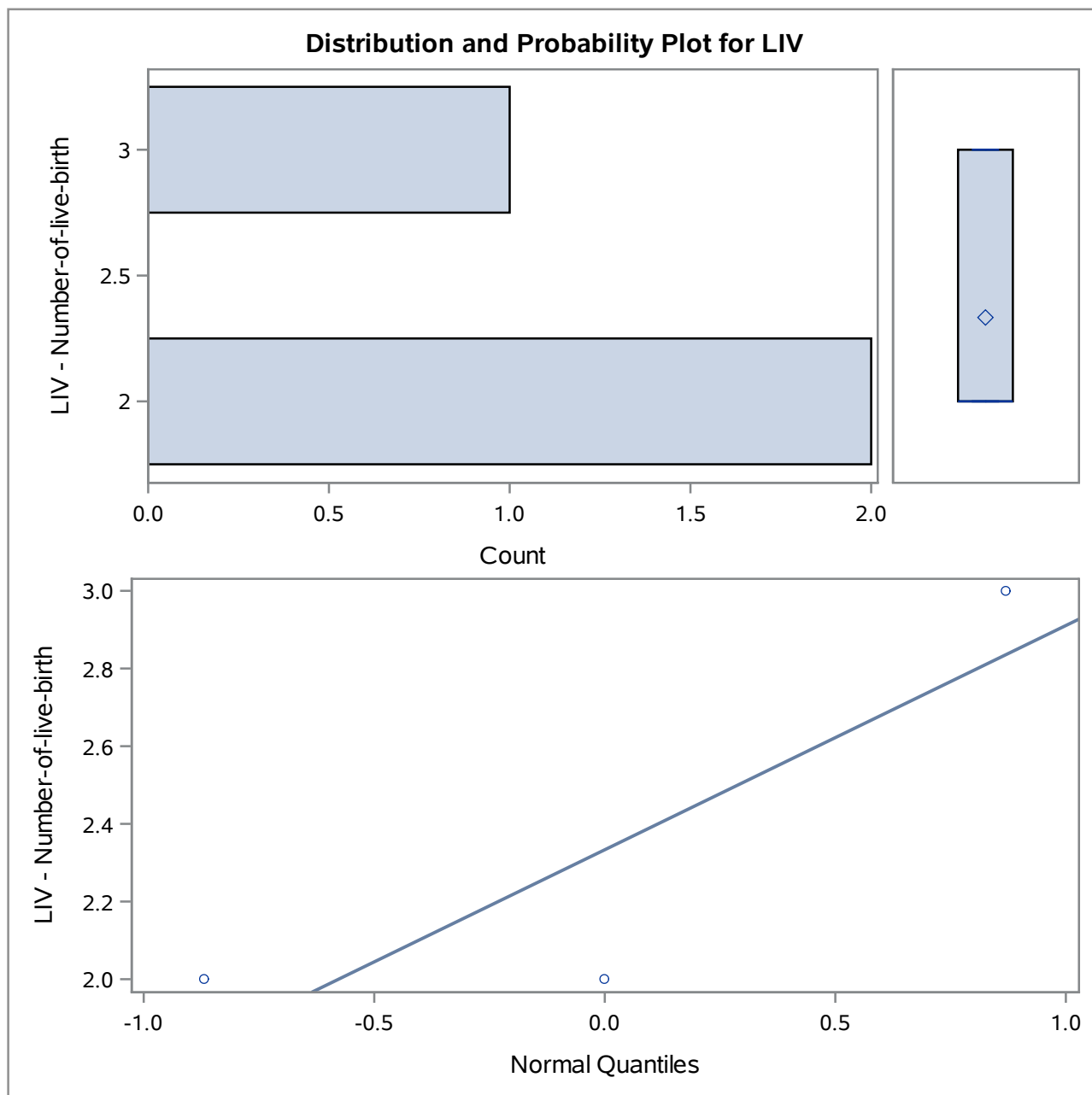
**MST - Marital-status=3 DEG - Degree=1**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	2
10%	2
5%	2
1%	2
0% Min	2

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
2	3	1	159	2	3	1	158
2	3	1	158	2	3	1	159
3	3	1	160	3	3	1	160

## The UNIVARIATE Procedure

MST - Marital-status=3 DEG - Degree=1



**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

MST - Marital-status=3 DEG - Degree=1

Moments			
N	3	Sum Weights	3
Mean	1	Sum Observations	3
Std Deviation	0	Variance	0
Skewness	.	Kurtosis	.
Uncorrected SS	3	Corrected SS	0
Coeff Variation	0	Std Error Mean	0

Basic Statistical Measures			
Location		Variability	
Mean	1.000000	Std Deviation	0
Median	1.000000	Variance	0
Mode	1.000000	Range	0
		Interquartile Range	0

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	.	Pr >  t	.
Sign	M	1.5	Pr >=  M	0.2500
Signed Rank	S	3	Pr >=  S	0.2500

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	.	Pr < W	.
Kolmogorov-Smirnov	D	.	Pr > D	.
Cramer-von Mises	W-Sq	.	Pr > W-Sq	.
Anderson-Darling	A-Sq	.	Pr > A-Sq	.

Quantiles (Definition 5)	
Level	Quantile
100% Max	1
99%	1
95%	1
90%	1
75% Q3	1
50% Median	1

**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

MST - Marital-status=3 DEG - Degree=1

Quantiles (Definition 5)	
Level	Quantile
25% Q1	1
10%	1
5%	1
1%	1
0% Min	1

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
1	3	1	160	1	3	1	158
1	3	1	159	1	3	1	159
1	3	1	158	1	3	1	160

**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

MST - Marital-status=4 DEG - Degree=0

Moments			
<b>N</b>	6	<b>Sum Weights</b>	6
<b>Mean</b>	4.83333333	<b>Sum Observations</b>	29
<b>Std Deviation</b>	3.48807492	<b>Variance</b>	12.1666667
<b>Skewness</b>	1.18368075	<b>Kurtosis</b>	1.72512667
<b>Uncorrected SS</b>	201	<b>Corrected SS</b>	60.8333333
<b>Coeff Variation</b>	72.1670674	<b>Std Error Mean</b>	1.42400062

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	4.833333	<b>Std Deviation</b>	3.48807
<b>Median</b>	4.000000	<b>Variance</b>	12.16667
<b>Mode</b>	3.000000	<b>Range</b>	10.00000
		<b>Interquartile Range</b>	3.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	t	3.394193	Pr >  t	0.0194
<b>Sign</b>	M	3	Pr >=  M	0.0313
<b>Signed Rank</b>	S	10.5	Pr >=  S	0.0313

Tests for Normality				
Test	Statistic		p Value	
<b>Shapiro-Wilk</b>	W	0.911967	Pr < W	0.4495
<b>Kolmogorov-Smirnov</b>	D	0.202345	Pr > D	>0.1500
<b>Cramer-von Mises</b>	W-Sq	0.05312	Pr > W-Sq	>0.2500
<b>Anderson-Darling</b>	A-Sq	0.336057	Pr > A-Sq	>0.2500

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	11
<b>99%</b>	11
<b>95%</b>	11
<b>90%</b>	11
<b>75% Q3</b>	6
<b>50% Median</b>	4



**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

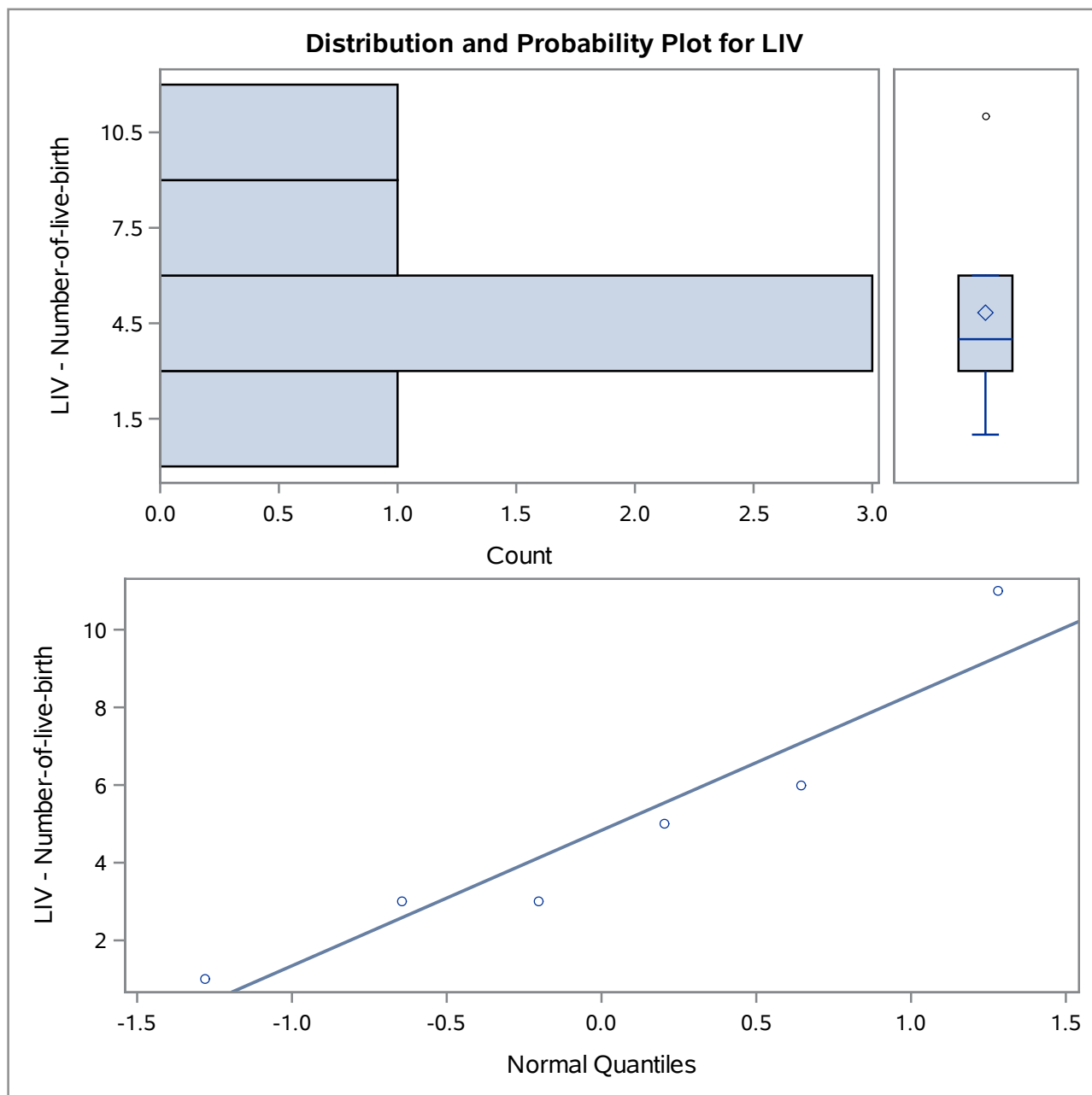
MST - Marital-status=4 DEG - Degree=0

Quantiles (Definition 5)	
Level	Quantile
25% Q1	3
10%	1
5%	1
1%	1
0% Min	1

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
1	4	0	166	3	4	0	161
3	4	0	162	3	4	0	162
3	4	0	161	5	4	0	163
5	4	0	163	6	4	0	164
6	4	0	164	11	4	0	165

## The UNIVARIATE Procedure

MST - Marital-status=4 DEG - Degree=0



**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

**MST - Marital-status=4 DEG - Degree=0**

Moments			
<b>N</b>	6	<b>Sum Weights</b>	6
<b>Mean</b>	0.66666667	<b>Sum Observations</b>	4
<b>Std Deviation</b>	0.81649658	<b>Variance</b>	0.66666667
<b>Skewness</b>	0.85732141	<b>Kurtosis</b>	-0.3
<b>Uncorrected SS</b>	6	<b>Corrected SS</b>	3.33333333
<b>Coeff Variation</b>	122.474487	<b>Std Error Mean</b>	0.33333333

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.666667	<b>Std Deviation</b>	0.81650
<b>Median</b>	0.500000	<b>Variance</b>	0.66667
<b>Mode</b>	0.000000	<b>Range</b>	2.00000
		<b>Interquartile Range</b>	1.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	2	<b>Pr &gt;  t </b>	0.1019
<b>Sign</b>	<b>M</b>	1.5	<b>Pr &gt;=  M </b>	0.2500
<b>Signed Rank</b>	<b>S</b>	3	<b>Pr &gt;=  S </b>	0.2500

Tests for Normality				
Test	Statistic		p Value	
<b>Shapiro-Wilk</b>	<b>W</b>	0.821616	<b>Pr &lt; W</b>	0.0911
<b>Kolmogorov-Smirnov</b>	<b>D</b>	0.292892	<b>Pr &gt; D</b>	0.1032
<b>Cramer-von Mises</b>	<b>W-Sq</b>	0.090018	<b>Pr &gt; W-Sq</b>	0.1249
<b>Anderson-Darling</b>	<b>A-Sq</b>	0.544383	<b>Pr &gt; A-Sq</b>	0.0936

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	2.0
<b>99%</b>	2.0
<b>95%</b>	2.0
<b>90%</b>	2.0
<b>75% Q3</b>	1.0
<b>50% Median</b>	0.5

**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

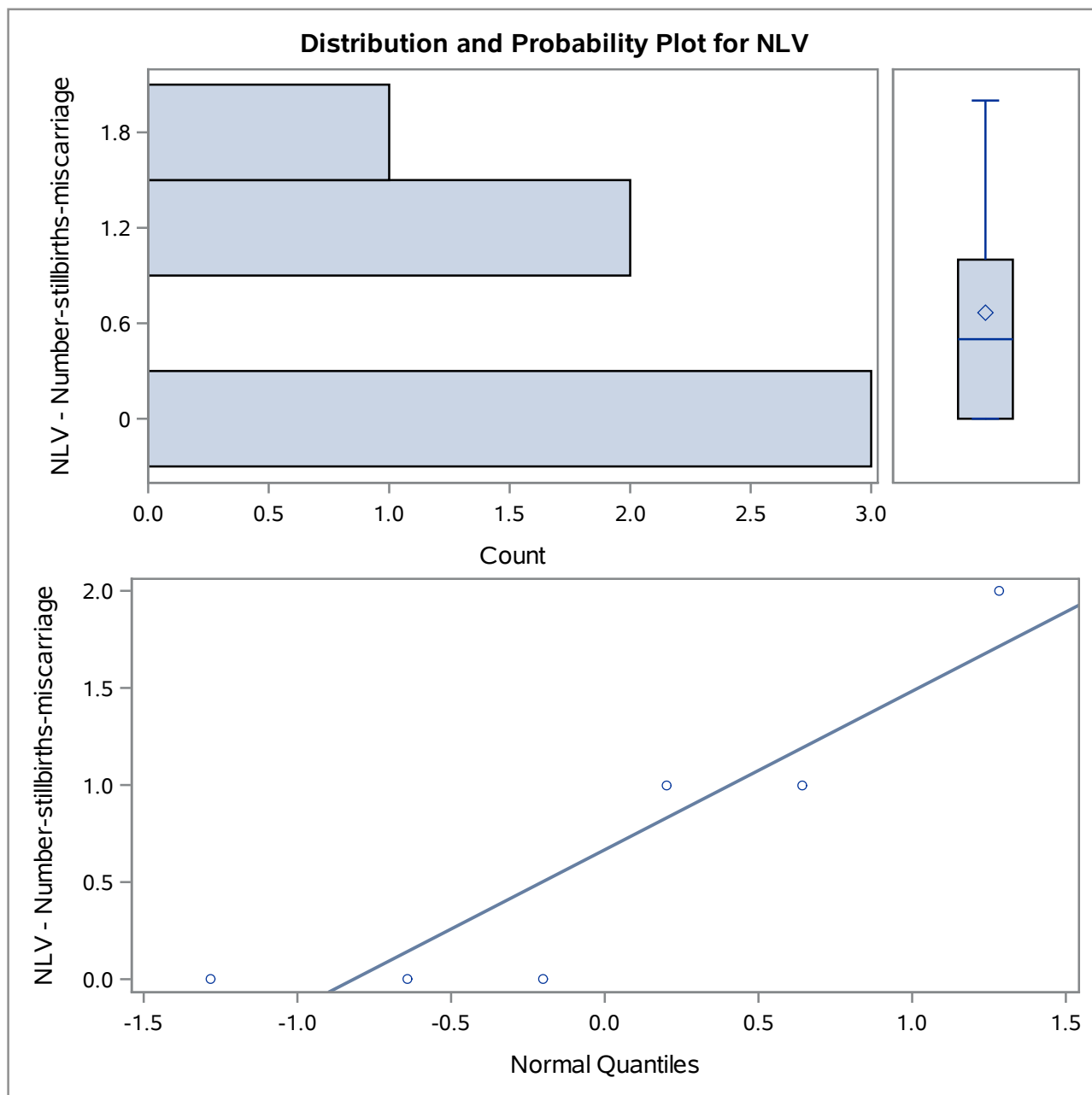
**MST - Marital-status=4 DEG - Degree=0**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	0.0
10%	0.0
5%	0.0
1%	0.0
0% Min	0.0

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
0	4	0	166	0	4	0	163
0	4	0	163	0	4	0	166
0	4	0	161	1	4	0	162
1	4	0	165	1	4	0	165
1	4	0	162	2	4	0	164

## The UNIVARIATE Procedure

MST - Marital-status=4 DEG - Degree=0



**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

MST - Marital-status=4 DEG - Degree=1

Moments			
<b>N</b>	8	<b>Sum Weights</b>	8
<b>Mean</b>	3.625	<b>Sum Observations</b>	29
<b>Std Deviation</b>	2.19983766	<b>Variance</b>	4.83928571
<b>Skewness</b>	0.42103073	<b>Kurtosis</b>	-1.4806552
<b>Uncorrected SS</b>	139	<b>Corrected SS</b>	33.875
<b>Coeff Variation</b>	60.6851767	<b>Std Error Mean</b>	0.77776006

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	3.625000	<b>Std Deviation</b>	2.19984
<b>Median</b>	3.000000	<b>Variance</b>	4.83929
<b>Mode</b>	2.000000	<b>Range</b>	6.00000
		<b>Interquartile Range</b>	3.50000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	4.66082	<b>Pr &gt;  t </b>	0.0023
<b>Sign</b>	<b>M</b>	4	<b>Pr &gt;=  M </b>	0.0078
<b>Signed Rank</b>	<b>S</b>	18	<b>Pr &gt;=  S </b>	0.0078

Tests for Normality				
Test	Statistic		p Value	
<b>Shapiro-Wilk</b>	<b>W</b>	0.904023	<b>Pr &lt; W</b>	0.3139
<b>Kolmogorov-Smirnov</b>	<b>D</b>	0.269953	<b>Pr &gt; D</b>	0.0849
<b>Cramer-von Mises</b>	<b>W-Sq</b>	0.069399	<b>Pr &gt; W-Sq</b>	>0.2500
<b>Anderson-Darling</b>	<b>A-Sq</b>	0.407962	<b>Pr &gt; A-Sq</b>	>0.2500

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	7.0
<b>99%</b>	7.0
<b>95%</b>	7.0
<b>90%</b>	7.0
<b>75% Q3</b>	5.5
<b>50% Median</b>	3.0

**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

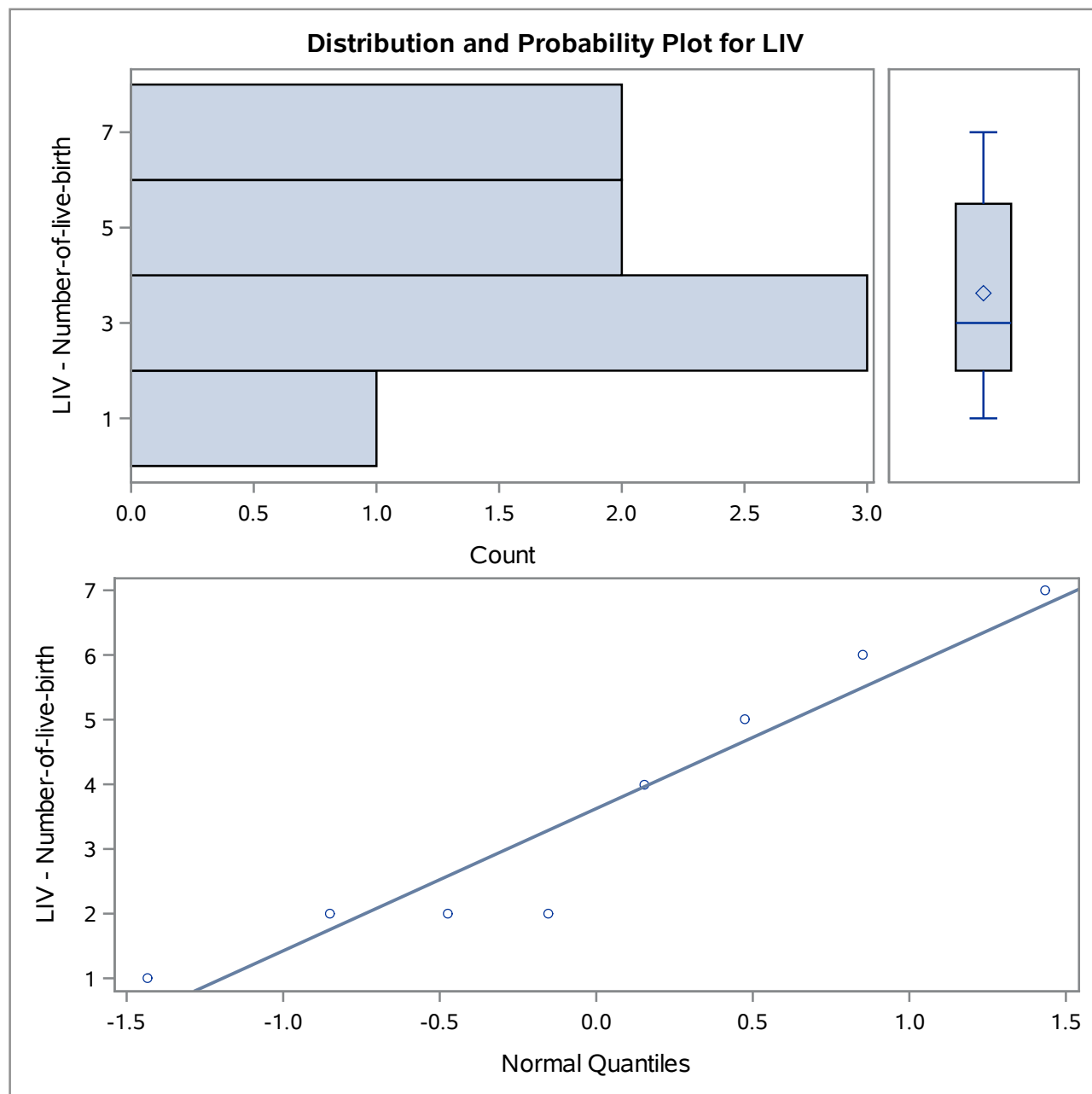
MST - Marital-status=4 DEG - Degree=1

Quantiles (Definition 5)	
Level	Quantile
25% Q1	2.0
10%	1.0
5%	1.0
1%	1.0
0% Min	1.0

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
1	4	1	173	2	4	1	172
2	4	1	172	4	4	1	174
2	4	1	171	5	4	1	170
2	4	1	169	6	4	1	167
4	4	1	174	7	4	1	168

## The UNIVARIATE Procedure

MST - Marital-status=4 DEG - Degree=1





**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

MST - Marital-status=4 DEG - Degree=1

Moments			
<b>N</b>	8	<b>Sum Weights</b>	8
<b>Mean</b>	0.25	<b>Sum Observations</b>	2
<b>Std Deviation</b>	0.46291005	<b>Variance</b>	0.21428571
<b>Skewness</b>	1.4401646	<b>Kurtosis</b>	0
<b>Uncorrected SS</b>	2	<b>Corrected SS</b>	1.5
<b>Coeff Variation</b>	185.16402	<b>Std Error Mean</b>	0.16366342

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.250000	<b>Std Deviation</b>	0.46291
<b>Median</b>	0.000000	<b>Variance</b>	0.21429
<b>Mode</b>	0.000000	<b>Range</b>	1.00000
		<b>Interquartile Range</b>	0.50000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	t	1.527525	Pr >  t	0.1705
<b>Sign</b>	M	1	Pr >=  M	0.5000
<b>Signed Rank</b>	S	1.5	Pr >=  S	0.5000

Tests for Normality				
Test	Statistic		p Value	
<b>Shapiro-Wilk</b>	W	0.56594	Pr < W	<0.0001
<b>Kolmogorov-Smirnov</b>	D	0.455423	Pr > D	<0.0100
<b>Cramer-von Mises</b>	W-Sq	0.340958	Pr > W-Sq	<0.0050
<b>Anderson-Darling</b>	A-Sq	1.778808	Pr > A-Sq	<0.0050

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	1.0
<b>99%</b>	1.0
<b>95%</b>	1.0
<b>90%</b>	1.0
<b>75% Q3</b>	0.5
<b>50% Median</b>	0.0

**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

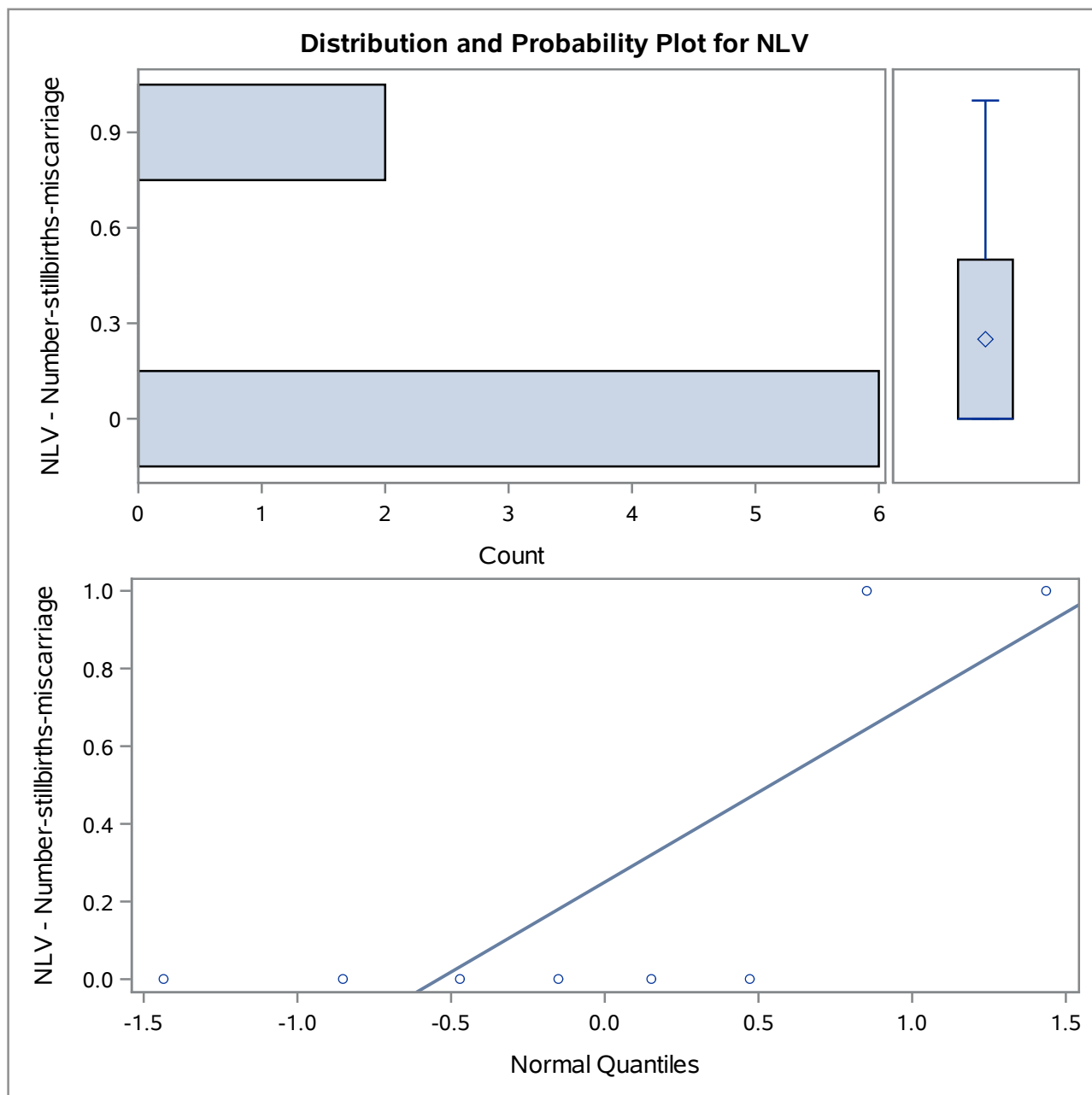
**MST - Marital-status=4 DEG - Degree=1**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	0.0
10%	0.0
5%	0.0
1%	0.0
0% Min	0.0

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
0	4	1	173	0	4	1	170
0	4	1	172	0	4	1	172
0	4	1	170	0	4	1	173
0	4	1	169	1	4	1	171
0	4	1	168	1	4	1	174

## The UNIVARIATE Procedure

MST - Marital-status=4 DEG - Degree=1



**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

MST - Marital-status=4 DEG - Degree=3

Moments			
N	2	Sum Weights	2
Mean	2	Sum Observations	4
Std Deviation	0	Variance	0
Skewness	.	Kurtosis	.
Uncorrected SS	8	Corrected SS	0
Coeff Variation	0	Std Error Mean	0

Basic Statistical Measures			
Location		Variability	
Mean	2.000000	Std Deviation	0
Median	2.000000	Variance	0
Mode	2.000000	Range	0
		Interquartile Range	0

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	.	Pr >  t	.
Sign	M	1	Pr >=  M	0.5000
Signed Rank	S	1.5	Pr >=  S	0.5000

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	.	Pr < W	.
Kolmogorov-Smirnov	D	.	Pr > D	.
Cramer-von Mises	W-Sq	.	Pr > W-Sq	.
Anderson-Darling	A-Sq	.	Pr > A-Sq	.

Quantiles (Definition 5)	
Level	Quantile
100% Max	2
99%	2
95%	2
90%	2
75% Q3	2
50% Median	2

**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

**MST - Marital-status=4 DEG - Degree=3**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	2
10%	2
5%	2
1%	2
0% Min	2

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
2	4	3	176	2	4	3	175
2	4	3	175	2	4	3	176

**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

MST - Marital-status=4 DEG - Degree=3

Moments			
N	2	Sum Weights	2
Mean	0	Sum Observations	0
Std Deviation	0	Variance	0
Skewness	.	Kurtosis	.
Uncorrected SS	0	Corrected SS	0
Coeff Variation	.	Std Error Mean	0

Basic Statistical Measures			
Location		Variability	
Mean	0	Std Deviation	0
Median	0	Variance	0
Mode	0	Range	0
		Interquartile Range	0

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	.	Pr >  t	.
Sign	M	.	Pr >=  M	.
Signed Rank	S	.	Pr >=  S	.

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	.	Pr < W	.
Kolmogorov-Smirnov	D	.	Pr > D	.
Cramer-von Mises	W-Sq	.	Pr > W-Sq	.
Anderson-Darling	A-Sq	.	Pr > A-Sq	.

Quantiles (Definition 5)	
Level	Quantile
100% Max	0
99%	0
95%	0
90%	0
75% Q3	0
50% Median	0

**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

**MST - Marital-status=4 DEG - Degree=3**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	0
10%	0
5%	0
1%	0
0% Min	0

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
0	4	3	176	0	4	3	175
0	4	3	175	0	4	3	176

**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

MST - Marital-status=5 DEG - Degree=1

Moments			
N	2	Sum Weights	2
Mean	2.5	Sum Observations	5
Std Deviation	0.70710678	Variance	0.5
Skewness	.	Kurtosis	.
Uncorrected SS	13	Corrected SS	0.5
Coeff Variation	28.2842712	Std Error Mean	0.5

Basic Statistical Measures			
Location		Variability	
Mean	2.500000	Std Deviation	0.70711
Median	2.500000	Variance	0.50000
Mode	.	Range	1.00000
		Interquartile Range	1.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5	Pr >  t	0.1257
Sign	M	1	Pr >=  M	0.5000
Signed Rank	S	1.5	Pr >=  S	0.5000

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	1	Pr < W	1.0000
Kolmogorov-Smirnov	D	0.26025	Pr > D	>0.1500
Cramer-von Mises	W-Sq	0.041877	Pr > W-Sq	>0.2500
Anderson-Darling	A-Sq	0.250482	Pr > A-Sq	0.2332

Quantiles (Definition 5)	
Level	Quantile
100% Max	3.0
99%	3.0
95%	3.0
90%	3.0
75% Q3	3.0
50% Median	2.5



**The UNIVARIATE Procedure**  
**Variable: LIV (LIV - Number-of-live-birth)**

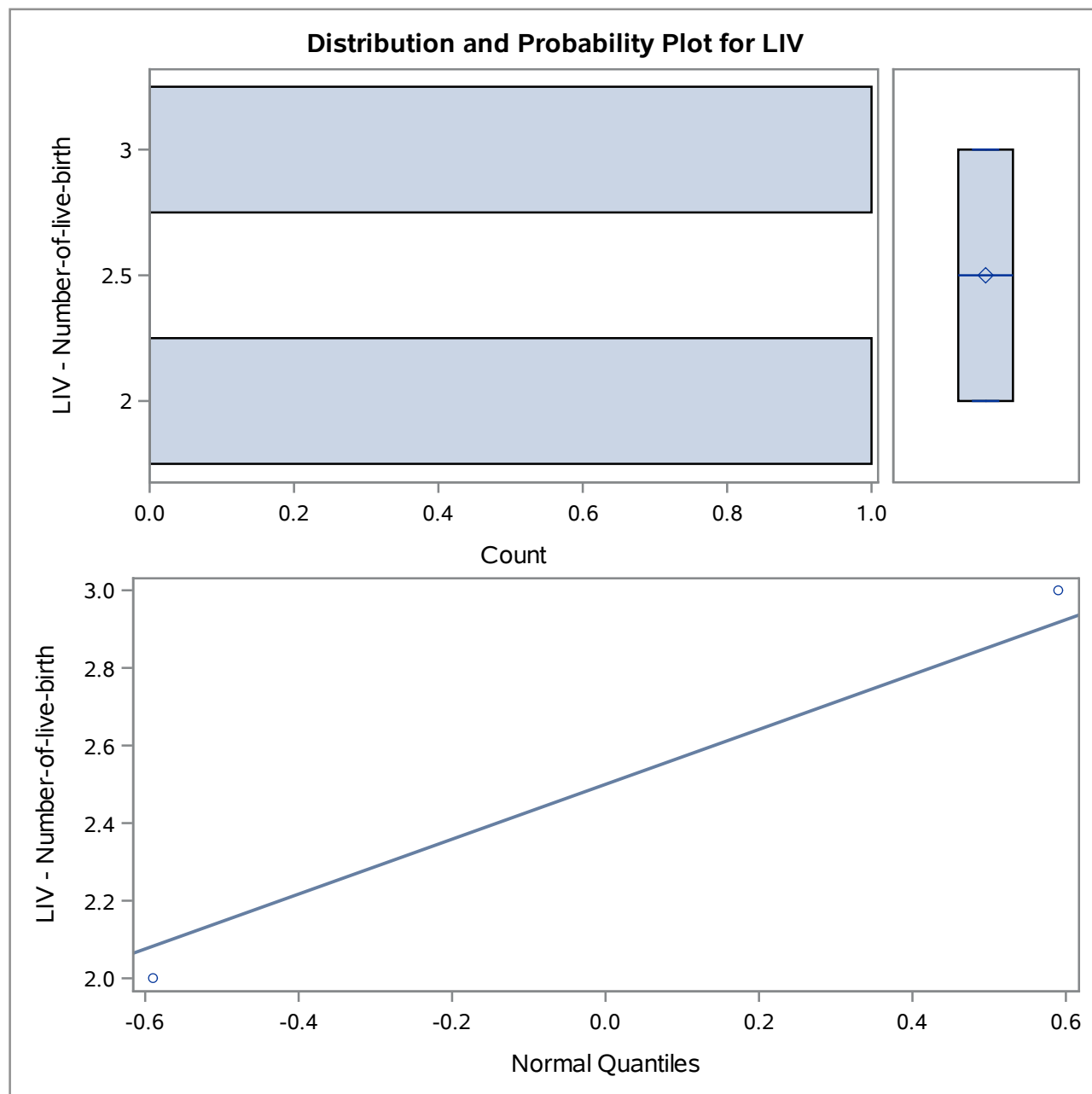
MST - Marital-status=5 DEG - Degree=1

Quantiles (Definition 5)	
Level	Quantile
25% Q1	2.0
10%	2.0
5%	2.0
1%	2.0
0% Min	2.0

Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
2	5	1	178	2	5	1	178
3	5	1	177	3	5	1	177

## The UNIVARIATE Procedure

MST - Marital-status=5 DEG - Degree=1



**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

MST - Marital-status=5 DEG - Degree=1

Moments			
N	2	Sum Weights	2
Mean	1	Sum Observations	2
Std Deviation	1.41421356	Variance	2
Skewness	.	Kurtosis	.
Uncorrected SS	4	Corrected SS	2
Coeff Variation	141.421356	Std Error Mean	1

Basic Statistical Measures			
Location		Variability	
Mean	1.000000	Std Deviation	1.41421
Median	1.000000	Variance	2.00000
Mode	.	Range	2.00000
		Interquartile Range	2.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	1	Pr >  t	0.5000
Sign	M	0.5	Pr >=  M	1.0000
Signed Rank	S	0.5	Pr >=  S	1.0000

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	1	Pr < W	1.0000
Kolmogorov-Smirnov	D	0.26025	Pr > D	>0.1500
Cramer-von Mises	W-Sq	0.041877	Pr > W-Sq	>0.2500
Anderson-Darling	A-Sq	0.250482	Pr > A-Sq	0.2332

Quantiles (Definition 5)	
Level	Quantile
100% Max	2
99%	2
95%	2
90%	2
75% Q3	2
50% Median	1

**The UNIVARIATE Procedure**  
**Variable: NLV (NLV - Number-stillbirths-miscarriage)**

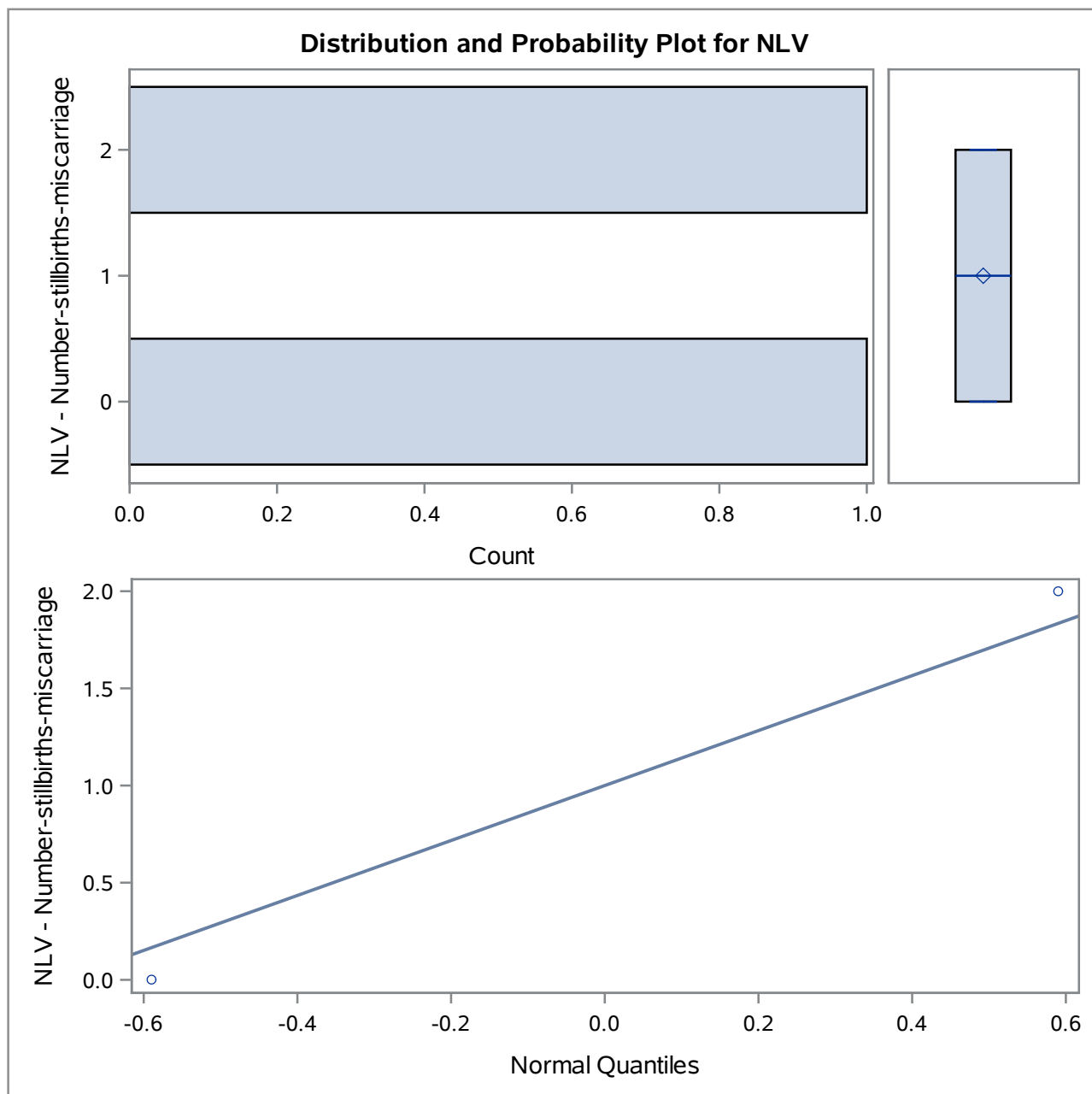
**MST - Marital-status=5 DEG - Degree=1**

Quantiles (Definition 5)	
Level	Quantile
25% Q1	0
10%	0
5%	0
1%	0
0% Min	0

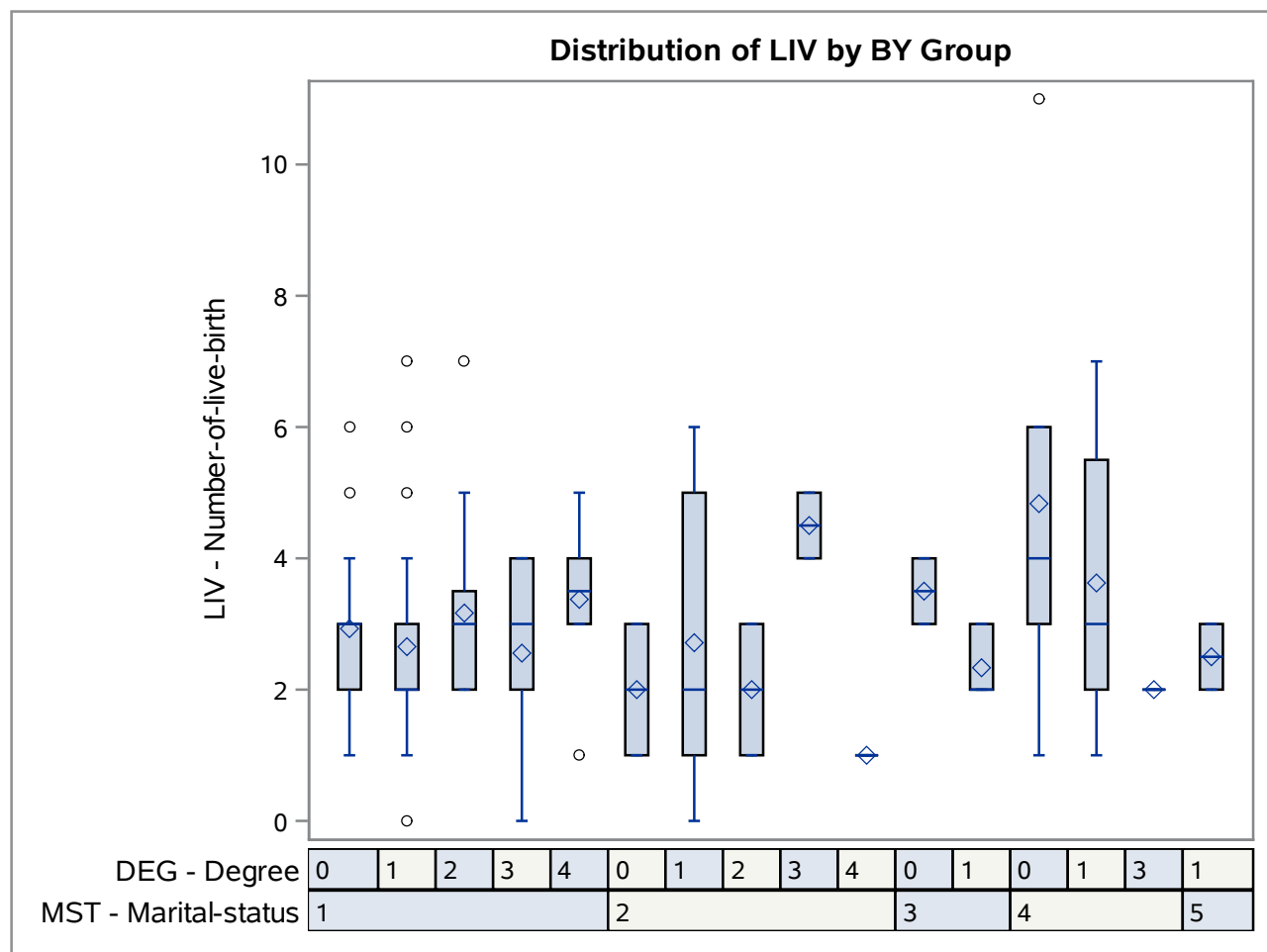
Extreme Observations							
Lowest				Highest			
Value	MST	DEG	Obs	Value	MST	DEG	Obs
0	5	1	178	0	5	1	178
2	5	1	177	2	5	1	177

## The UNIVARIATE Procedure

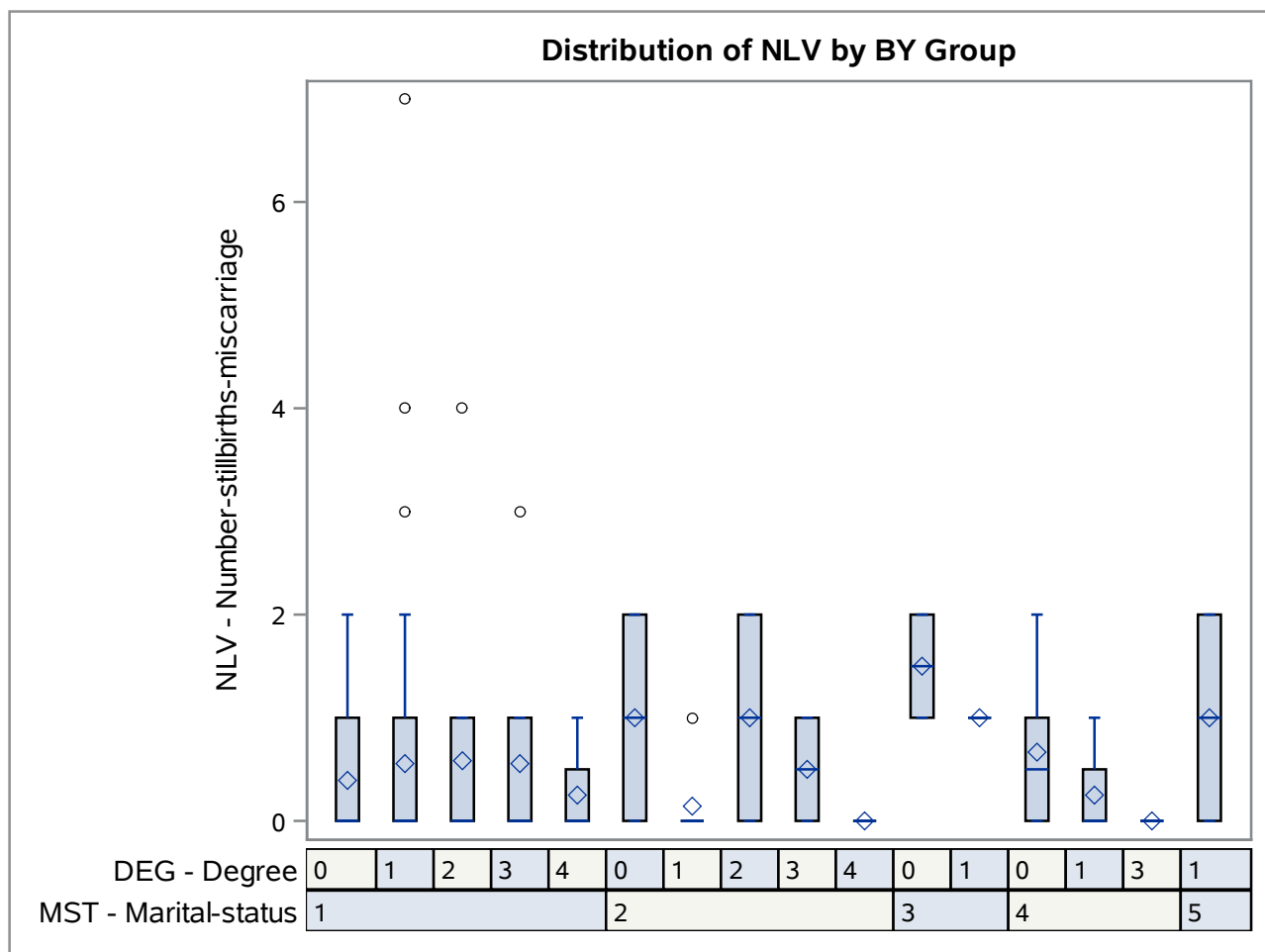
MST - Marital-status=5 DEG - Degree=1



## The UNIVARIATE Procedure



## The UNIVARIATE Procedure



### The GLM Procedure

Class Level Information		
Class	Levels	Values
MST	5	1 2 3 4 5
DEG	5	0 1 2 3 4

Number of Observations Read	178
Number of Observations Used	178



## The GLM Procedure

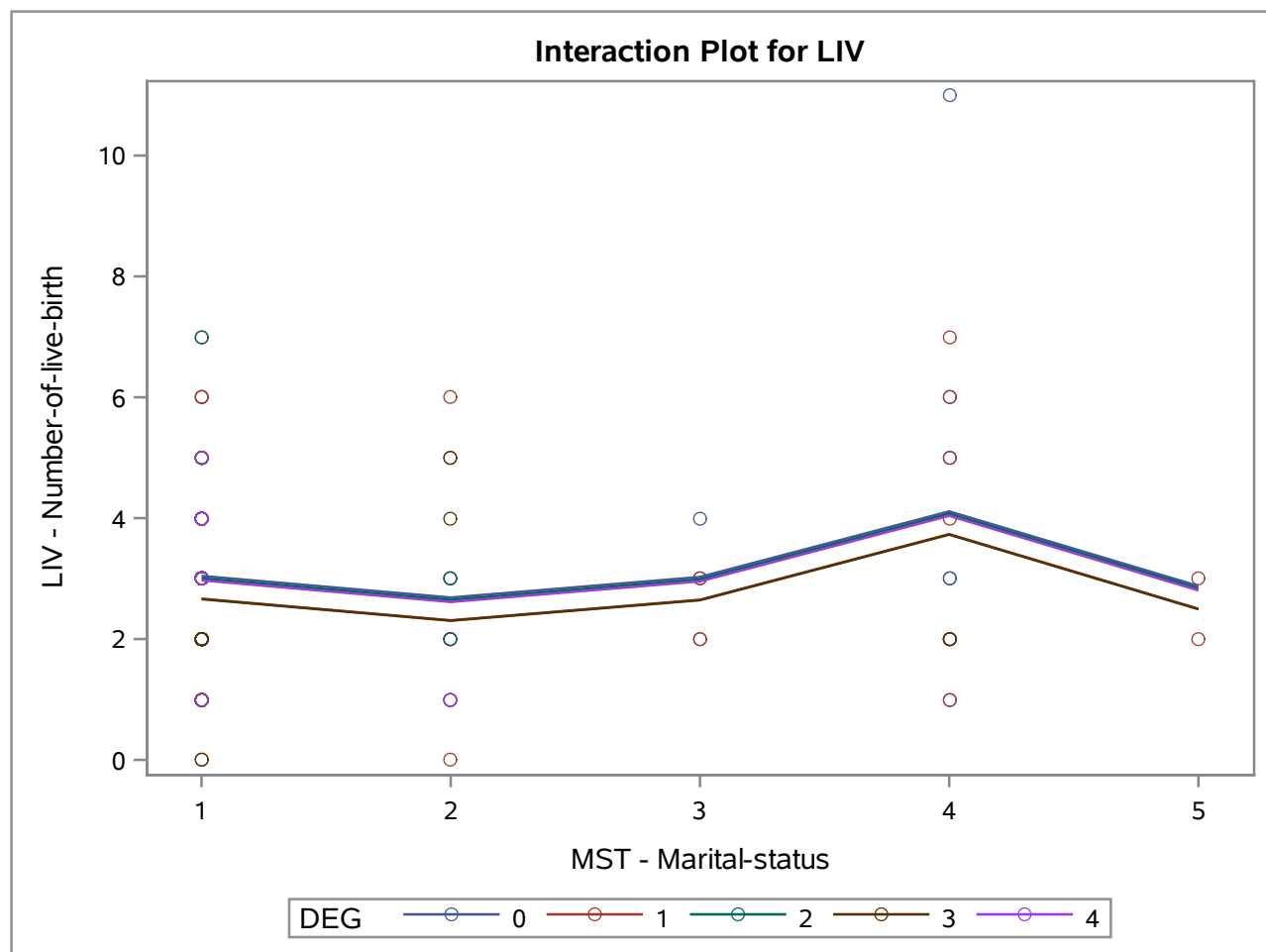
Dependent Variable: LIV LIV - Number-of-live-birth

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	8	25.2307066	3.1538383	1.34	0.2256
Error	169	396.9715406	2.3489440		
Corrected Total	177	422.2022472			

R-Square	Coeff Var	Root MSE	LIV Mean
0.059760	53.70227	1.532627	2.853933

Source	DF	Type I SS	Mean Square	F Value	Pr > F
MST	4	20.01115597	5.00278899	2.13	0.0792
DEG	4	5.21955065	1.30488766	0.56	0.6953

Source	DF	Type III SS	Mean Square	F Value	Pr > F
MST	4	19.15069858	4.78767464	2.04	0.0912
DEG	4	5.21955065	1.30488766	0.56	0.6953



### The GLM Procedure

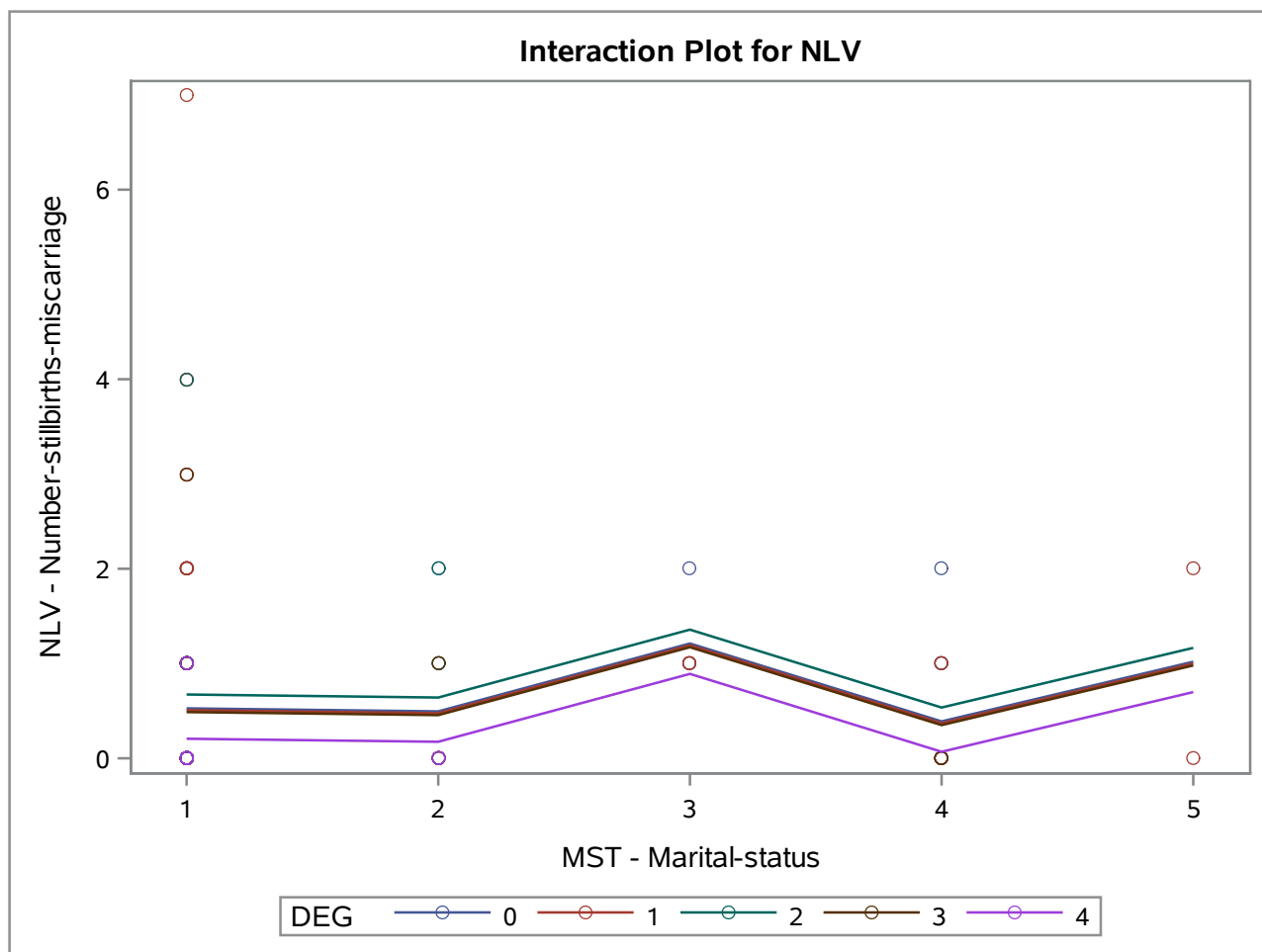
Dependent Variable: NLV NLV - Number-stillbirths-miscarriage

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	8	4.5079874	0.5634984	0.60	0.7808
Error	169	159.9414508	0.9463991		
Corrected Total	177	164.4494382			

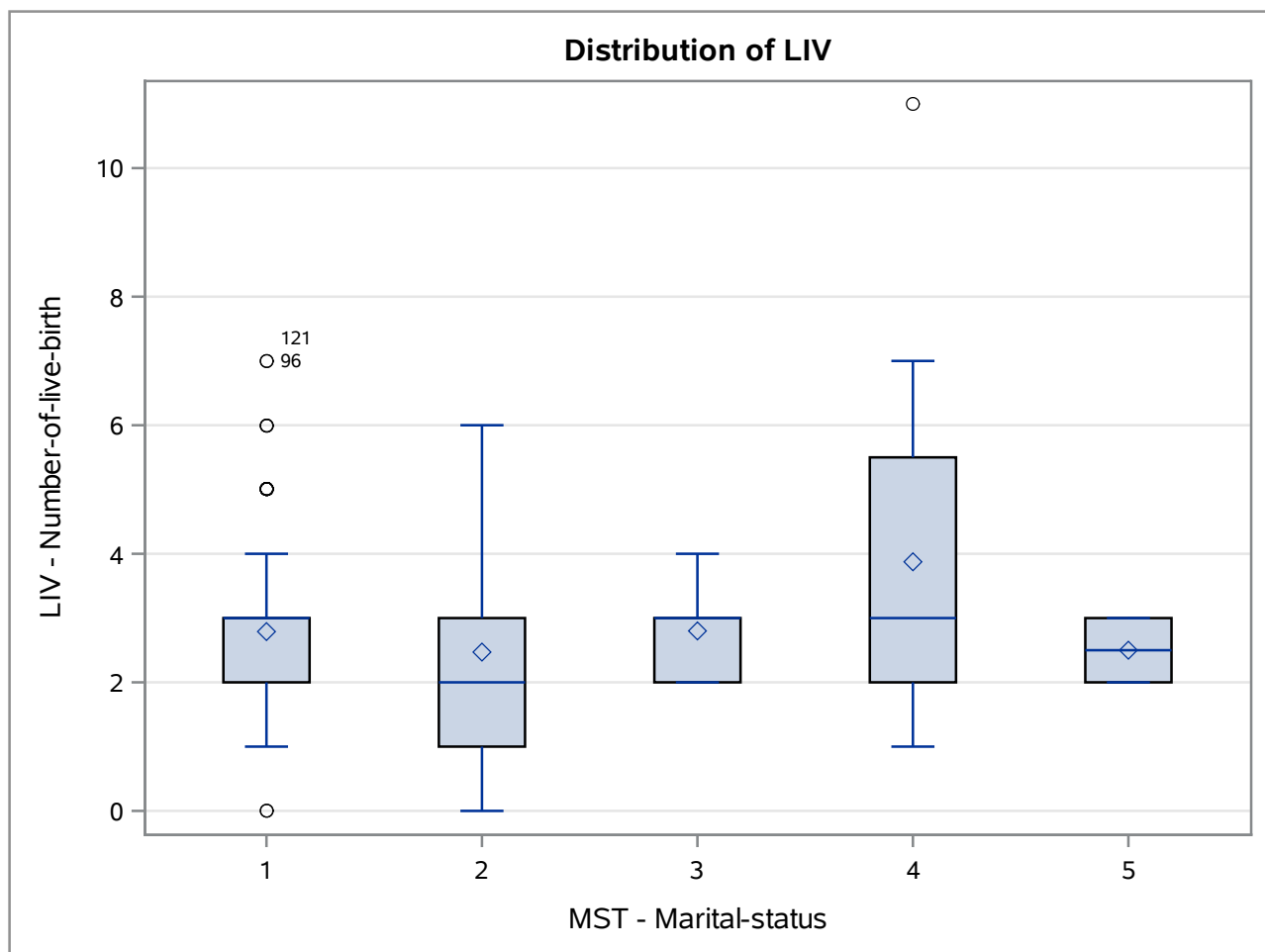
R-Square	Coeff Var	Root MSE	NLV Mean
0.027413	188.2215	0.972830	0.516854

Source	DF	Type I SS	Mean Square	F Value	Pr > F
MST	4	3.17139046	0.79284762	0.84	0.5030
DEG	4	1.33659696	0.33414924	0.35	0.8416

Source	DF	Type III SS	Mean Square	F Value	Pr > F
MST	4	3.10307829	0.77576957	0.82	0.5142
DEG	4	1.33659696	0.33414924	0.35	0.8416



## The GLM Procedure



## The GLM Procedure

### t Tests (LSD) for LIV

**Note:** This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

<b>Alpha</b>	0.05
<b>Error Degrees of Freedom</b>	169
<b>Error Mean Square</b>	2.348944
<b>Critical Value of t</b>	1.97410
<b>Least Significant Difference</b>	1.7418
<b>Harmonic Mean of Cell Sizes</b>	6.034494

**Note:** Cell sizes are not equal.

Means with the same letter are not significantly different.			
t Grouping	Mean	N	MST
A	3.8750	16	4
A			
A	2.8000	5	3
A			
A	2.7899	138	1
A			
A	2.5000	2	5
A			
A	2.4706	17	2

## The GLM Procedure

### Duncan's Multiple Range Test for LIV

**Note:** This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	169
Error Mean Square	2.348944
Harmonic Mean of Cell Sizes	6.034494

**Note:** Cell sizes are not equal.

Number of Means	2	3	4	5
Critical Range	1.742	1.833	1.894	1.939

Means with the same letter are not significantly different.			
Duncan Grouping	Mean	N	MST
A	3.8750	16	4
A			
A	2.8000	5	3
A			
A	2.7899	138	1
A			
A	2.5000	2	5
A			
A	2.4706	17	2

## The GLM Procedure

### Student-Newman-Keuls Test for LIV

**Note:** This test controls the Type I experimentwise error rate under the complete null hypothesis but not under partial null hypotheses.

Alpha	0.05
Error Degrees of Freedom	169
Error Mean Square	2.348944
Harmonic Mean of Cell Sizes	6.034494

**Note:** Cell sizes are not equal.

Number of Means	2	3	4	5
Critical Range	1.7418077	2.0863102	2.2894484	2.4329831

Means with the same letter are not significantly different.			
SNK Grouping	Mean	N	MST
A	3.8750	16	4
A			
A	2.8000	5	3
A			
A	2.7899	138	1
A			
A	2.5000	2	5
A			
A	2.4706	17	2

## The GLM Procedure

### Tukey's Studentized Range (HSD) Test for LIV

**Note:** This test controls the Type I experimentwise error rate, but it generally has a higher Type II error rate than REGWQ.

Alpha	0.05
Error Degrees of Freedom	169
Error Mean Square	2.348944
Critical Value of Studentized Range	3.89963
Minimum Significant Difference	2.433
Harmonic Mean of Cell Sizes	6.034494

**Note:** Cell sizes are not equal.

Means with the same letter are not significantly different.			
Tukey Grouping	Mean	N	MST
A	3.8750	16	4
A			
A	2.8000	5	3
A			
A	2.7899	138	1
A			
A	2.5000	2	5
A			
A	2.4706	17	2

## The GLM Procedure

### Scheffe's Test for LIV

**Note:** This test controls the Type I experimentwise error rate.

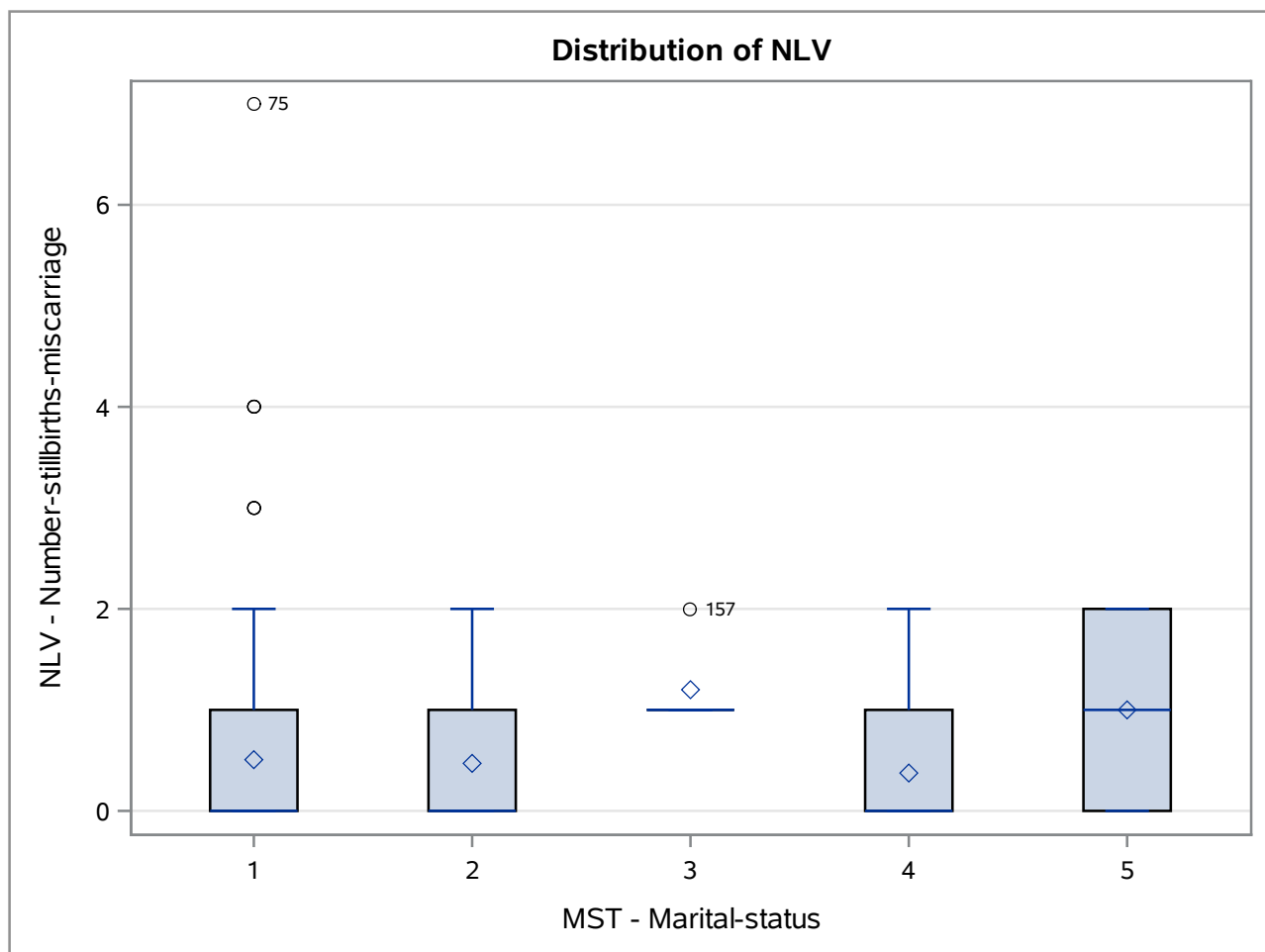
<b>Alpha</b>	0.05
<b>Error Degrees of Freedom</b>	169
<b>Error Mean Square</b>	2.348944
<b>Critical Value of F</b>	2.42513
<b>Minimum Significant Difference</b>	2.7481
<b>Harmonic Mean of Cell Sizes</b>	6.034494

**Note:** Cell sizes are not equal.

Means with the same letter are not significantly different.			
Scheffe Grouping	Mean	N	MST
A	3.8750	16	4
A			
A	2.8000	5	3
A			
A	2.7899	138	1
A			
A	2.5000	2	5
A			
A	2.4706	17	2



## The GLM Procedure



## The GLM Procedure

### t Tests (LSD) for NLV

**Note:** This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	169
Error Mean Square	0.946399
Critical Value of t	1.97410
Least Significant Difference	1.1056
Harmonic Mean of Cell Sizes	6.034494

**Note:** Cell sizes are not equal.

Means with the same letter are not significantly different.			
t Grouping	Mean	N	MST
A	1.2000	5	3
A			
A	1.0000	2	5
A			
A	0.5072	138	1
A			
A	0.4706	17	2
A			
A	0.3750	16	4

## The GLM Procedure

### Duncan's Multiple Range Test for NLV

**Note:** This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	169
Error Mean Square	0.946399
Harmonic Mean of Cell Sizes	6.034494

**Note:** Cell sizes are not equal.

Number of Means	2	3	4	5
Critical Range	1.106	1.164	1.202	1.231

Means with the same letter are not significantly different.			
Duncan Grouping	Mean	N	MST
A	1.2000	5	3
A			
A	1.0000	2	5
A			
A	0.5072	138	1
A			
A	0.4706	17	2
A			
A	0.3750	16	4

## The GLM Procedure

### Student-Newman-Keuls Test for NLV

**Note:** This test controls the Type I experimentwise error rate under the complete null hypothesis but not under partial null hypotheses.

<b>Alpha</b>	0.05
<b>Error Degrees of Freedom</b>	169
<b>Error Mean Square</b>	0.946399
<b>Harmonic Mean of Cell Sizes</b>	6.034494

**Note:** Cell sizes are not equal.

<b>Number of Means</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Critical Range</b>	1.1056076	1.3242797	1.4532211	1.5443293

Means with the same letter are not significantly different.			
SNK Grouping	Mean	N	MST
A	1.2000	5	3
A			
A	1.0000	2	5
A			
A	0.5072	138	1
A			
A	0.4706	17	2
A			
A	0.3750	16	4

## The GLM Procedure

### Tukey's Studentized Range (HSD) Test for NLV

**Note:** This test controls the Type I experimentwise error rate, but it generally has a higher Type II error rate than REGWQ.

Alpha	0.05
Error Degrees of Freedom	169
Error Mean Square	0.946399
Critical Value of Studentized Range	3.89963
Minimum Significant Difference	1.5443
Harmonic Mean of Cell Sizes	6.034494

**Note:** Cell sizes are not equal.

Means with the same letter are not significantly different.			
Tukey Grouping	Mean	N	MST
A	1.2000	5	3
A			
A	1.0000	2	5
A			
A	0.5072	138	1
A			
A	0.4706	17	2
A			
A	0.3750	16	4

## The GLM Procedure

### Scheffe's Test for NLV

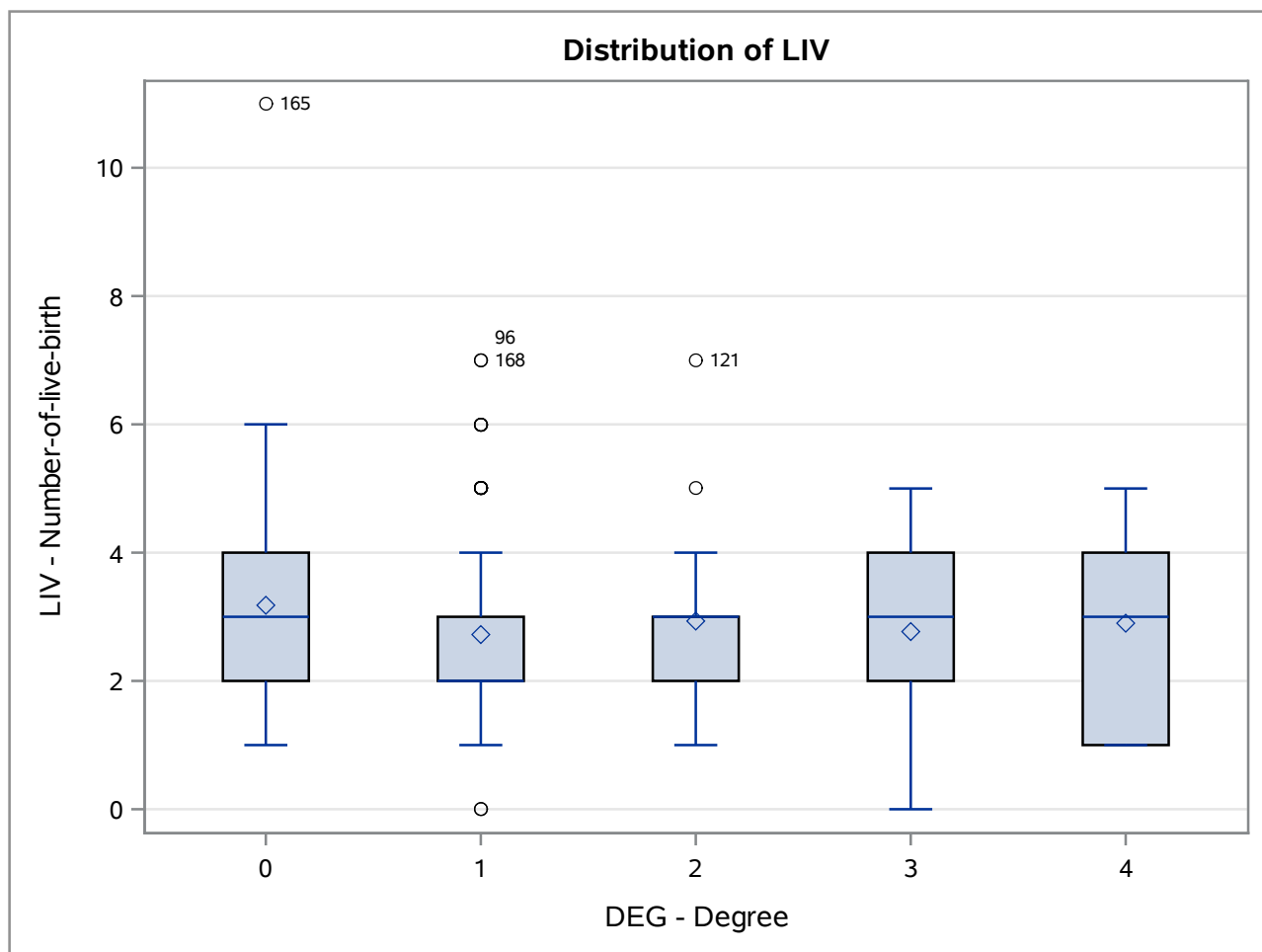
**Note:** This test controls the Type I experimentwise error rate.

<b>Alpha</b>	0.05
<b>Error Degrees of Freedom</b>	169
<b>Error Mean Square</b>	0.946399
<b>Critical Value of F</b>	2.42513
<b>Minimum Significant Difference</b>	1.7443
<b>Harmonic Mean of Cell Sizes</b>	6.034494

**Note:** Cell sizes are not equal.

Means with the same letter are not significantly different.			
Scheffe Grouping	Mean	N	MST
A	1.2000	5	3
A			
A	1.0000	2	5
A			
A	0.5072	138	1
A			
A	0.4706	17	2
A			
A	0.3750	16	4

## The GLM Procedure



## The GLM Procedure

### t Tests (LSD) for LIV

**Note:** This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	169
Error Mean Square	2.348944
Critical Value of t	1.97410
Least Significant Difference	1.011
Harmonic Mean of Cell Sizes	17.91269

**Note:** Cell sizes are not equal.

Means with the same letter are not significantly different.			
t Grouping	Mean	N	DEG
A	3.1795	39	0
A			
A	2.9333	15	2
A			
A	2.9000	10	4
A			
A	2.7692	13	3
A			
A	2.7228	101	1



## The GLM Procedure

### Duncan's Multiple Range Test for LIV

**Note:** This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

<b>Alpha</b>	0.05
<b>Error Degrees of Freedom</b>	169
<b>Error Mean Square</b>	2.348944
<b>Harmonic Mean of Cell Sizes</b>	17.91269

**Note:** Cell sizes are not equal.

<b>Number of Means</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Critical Range</b>	1.011	1.064	1.100	1.126

Means with the same letter are not significantly different.			
Duncan Grouping	Mean	N	DEG
A	3.1795	39	0
A			
A	2.9333	15	2
A			
A	2.9000	10	4
A			
A	2.7692	13	3
A			
A	2.7228	101	1

## The GLM Procedure

### Student-Newman-Keuls Test for LIV

**Note:** This test controls the Type I experimentwise error rate under the complete null hypothesis but not under partial null hypotheses.

Alpha	0.05
Error Degrees of Freedom	169
Error Mean Square	2.348944
Harmonic Mean of Cell Sizes	17.91269

**Note:** Cell sizes are not equal.

Number of Means	2	3	4	5
Critical Range	1.0109746	1.2109297	1.3288345	1.4121445

Means with the same letter are not significantly different.			
SNK Grouping	Mean	N	DEG
A	3.1795	39	0
A			
A	2.9333	15	2
A			
A	2.9000	10	4
A			
A	2.7692	13	3
A			
A	2.7228	101	1

## The GLM Procedure

### Tukey's Studentized Range (HSD) Test for LIV

**Note:** This test controls the Type I experimentwise error rate, but it generally has a higher Type II error rate than REGWQ.

Alpha	0.05
Error Degrees of Freedom	169
Error Mean Square	2.348944
Critical Value of Studentized Range	3.89963
Minimum Significant Difference	1.4121
Harmonic Mean of Cell Sizes	17.91269

**Note:** Cell sizes are not equal.

Means with the same letter are not significantly different.			
Tukey Grouping	Mean	N	DEG
A	3.1795	39	0
A			
A	2.9333	15	2
A			
A	2.9000	10	4
A			
A	2.7692	13	3
A			
A	2.7228	101	1

## The GLM Procedure

### Scheffe's Test for LIV

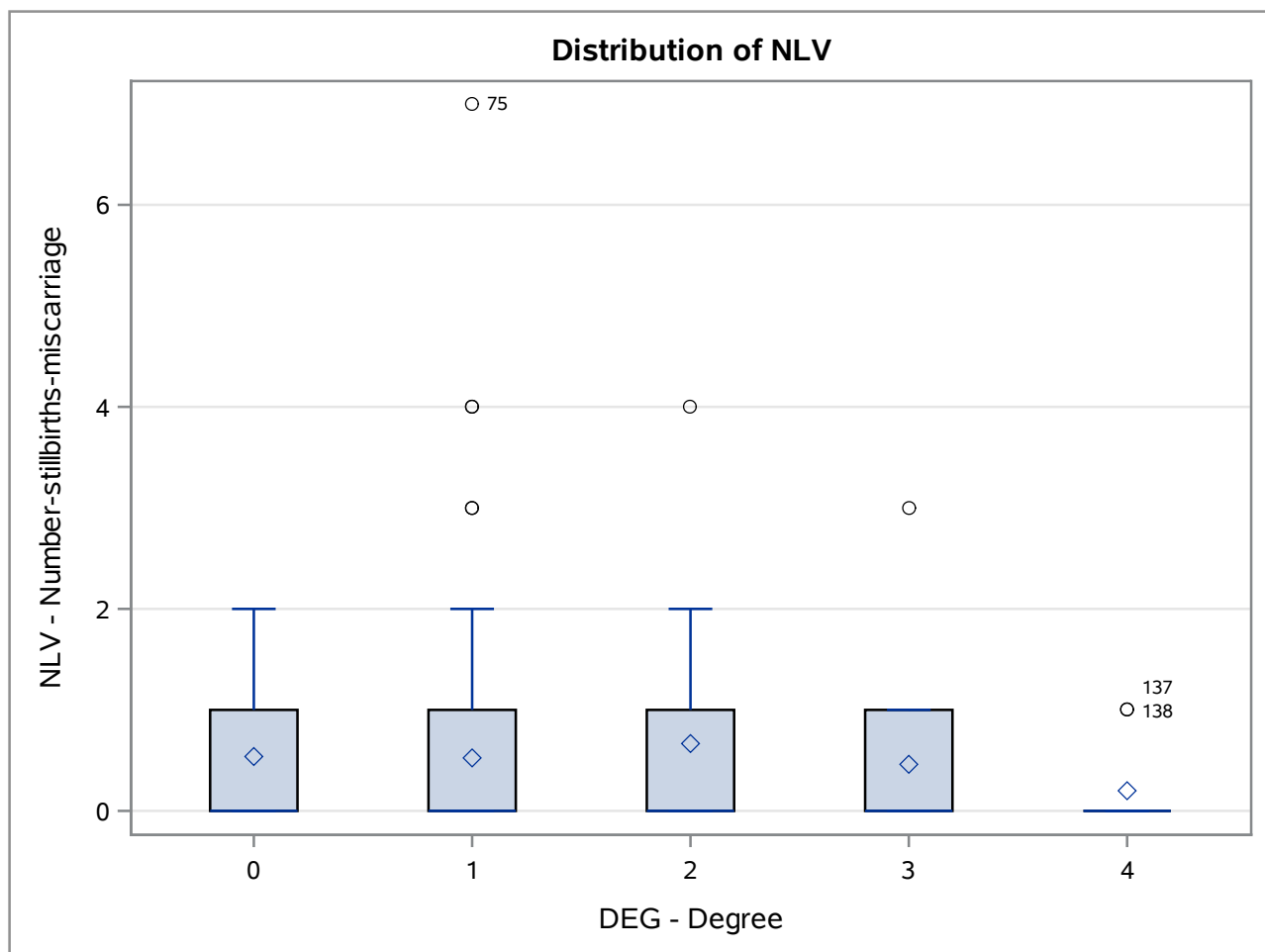
**Note:** This test controls the Type I experimentwise error rate.

<b>Alpha</b>	0.05
<b>Error Degrees of Freedom</b>	169
<b>Error Mean Square</b>	2.348944
<b>Critical Value of F</b>	2.42513
<b>Minimum Significant Difference</b>	1.595
<b>Harmonic Mean of Cell Sizes</b>	17.91269

**Note:** Cell sizes are not equal.

Means with the same letter are not significantly different.			
Scheffe Grouping	Mean	N	DEG
A	3.1795	39	0
A			
A	2.9333	15	2
A			
A	2.9000	10	4
A			
A	2.7692	13	3
A			
A	2.7228	101	1

## The GLM Procedure



## The GLM Procedure

### t Tests (LSD) for NLV

**Note:** This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

<b>Alpha</b>	0.05
<b>Error Degrees of Freedom</b>	169
<b>Error Mean Square</b>	0.946399
<b>Critical Value of t</b>	1.97410
<b>Least Significant Difference</b>	0.6417
<b>Harmonic Mean of Cell Sizes</b>	17.91269

**Note:** Cell sizes are not equal.

Means with the same letter are not significantly different.			
t Grouping	Mean	N	DEG
A	0.6667	15	2
A			
A	0.5385	39	0
A			
A	0.5248	101	1
A			
A	0.4615	13	3
A			
A	0.2000	10	4

## The GLM Procedure

### Duncan's Multiple Range Test for NLV

**Note:** This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	169
Error Mean Square	0.946399
Harmonic Mean of Cell Sizes	17.91269

**Note:** Cell sizes are not equal.

Number of Means	2	3	4	5
Critical Range	.6417	.6755	.6979	.7145

Means with the same letter are not significantly different.			
Duncan Grouping	Mean	N	DEG
A	0.6667	15	2
A			
A	0.5385	39	0
A			
A	0.5248	101	1
A			
A	0.4615	13	3
A			
A	0.2000	10	4

## The GLM Procedure

### Student-Newman-Keuls Test for NLV

**Note:** This test controls the Type I experimentwise error rate under the complete null hypothesis but not under partial null hypotheses.

Alpha	0.05
Error Degrees of Freedom	169
Error Mean Square	0.946399
Harmonic Mean of Cell Sizes	17.91269

**Note:** Cell sizes are not equal.

Number of Means	2	3	4	5
Critical Range	0.6417133	0.7686343	0.8434741	0.8963548

Means with the same letter are not significantly different.			
SNK Grouping	Mean	N	DEG
A	0.6667	15	2
A			
A	0.5385	39	0
A			
A	0.5248	101	1
A			
A	0.4615	13	3
A			
A	0.2000	10	4



## The GLM Procedure

### Tukey's Studentized Range (HSD) Test for NLV

**Note:** This test controls the Type I experimentwise error rate, but it generally has a higher Type II error rate than REGWQ.

Alpha	0.05
Error Degrees of Freedom	169
Error Mean Square	0.946399
Critical Value of Studentized Range	3.89963
Minimum Significant Difference	0.8964
Harmonic Mean of Cell Sizes	17.91269

**Note:** Cell sizes are not equal.

Means with the same letter are not significantly different.			
Tukey Grouping	Mean	N	DEG
A	0.6667	15	2
A			
A	0.5385	39	0
A			
A	0.5248	101	1
A			
A	0.4615	13	3
A			
A	0.2000	10	4

## The GLM Procedure

### Scheffe's Test for NLV

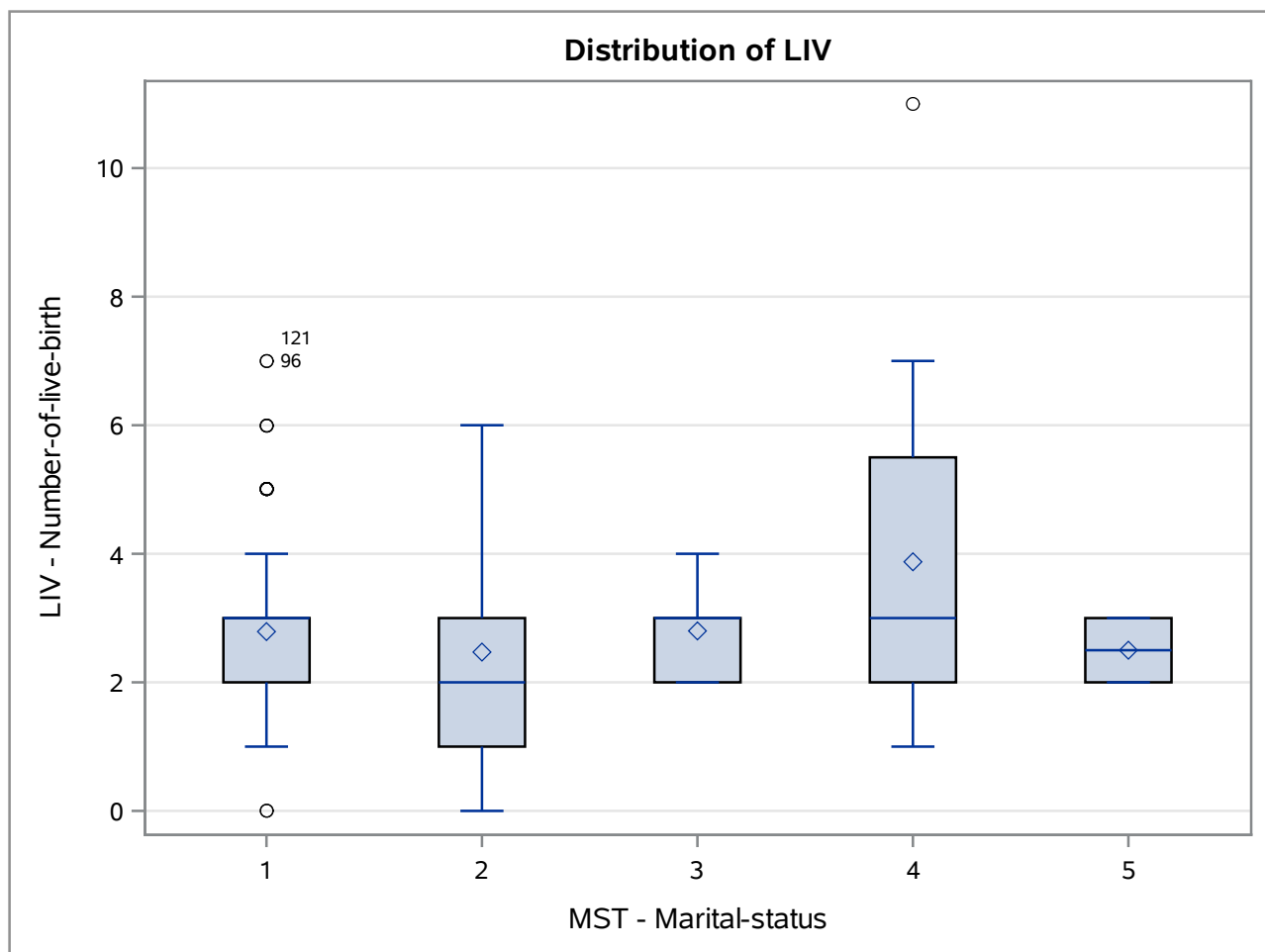
**Note:** This test controls the Type I experimentwise error rate.

<b>Alpha</b>	0.05
<b>Error Degrees of Freedom</b>	169
<b>Error Mean Square</b>	0.946399
<b>Critical Value of F</b>	2.42513
<b>Minimum Significant Difference</b>	1.0124
<b>Harmonic Mean of Cell Sizes</b>	17.91269

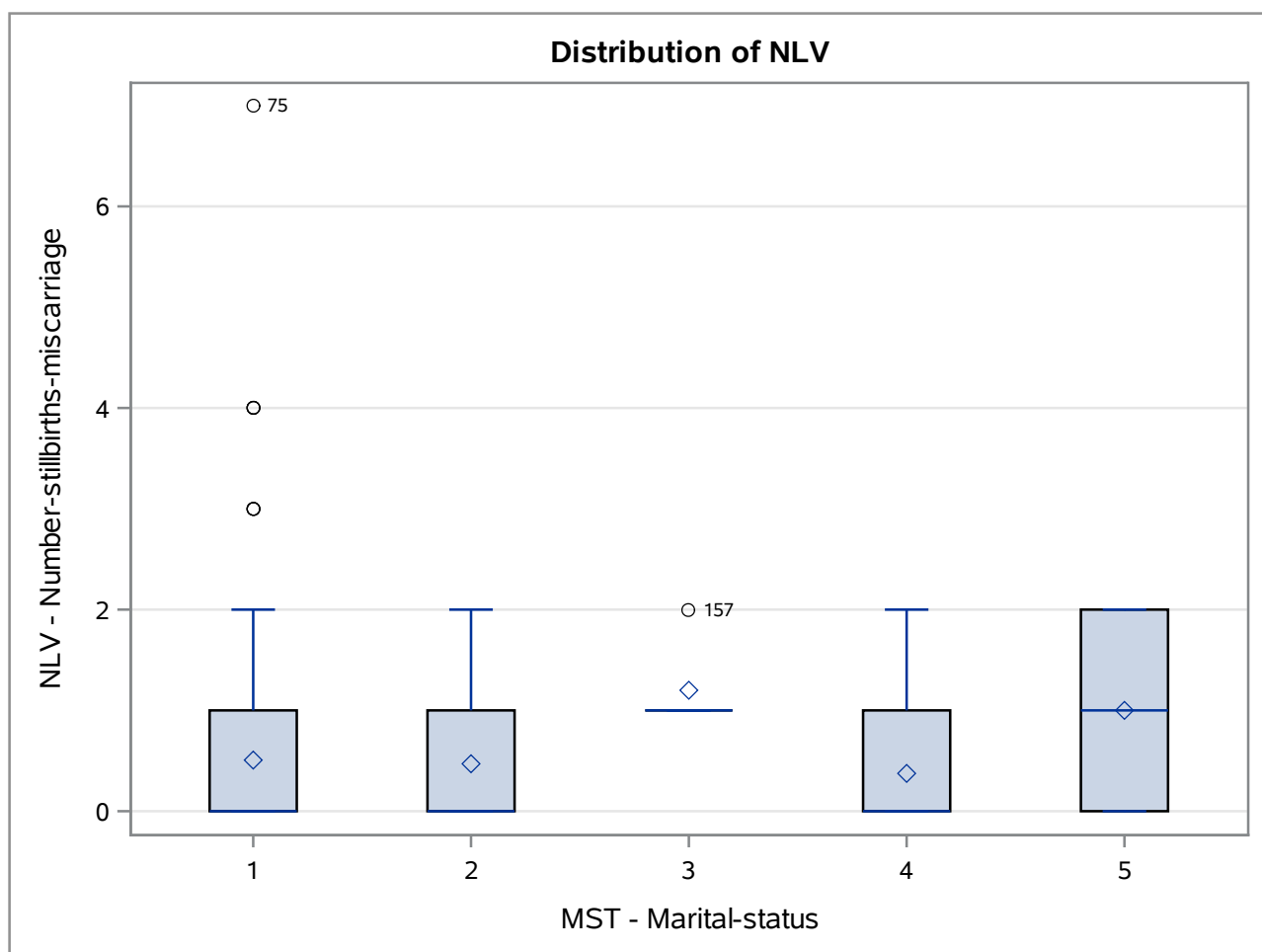
**Note:** Cell sizes are not equal.

Means with the same letter are not significantly different.			
Scheffe Grouping	Mean	N	DEG
A	0.6667	15	2
A			
A	0.5385	39	0
A			
A	0.5248	101	1
A			
A	0.4615	13	3
A			
A	0.2000	10	4

## The GLM Procedure

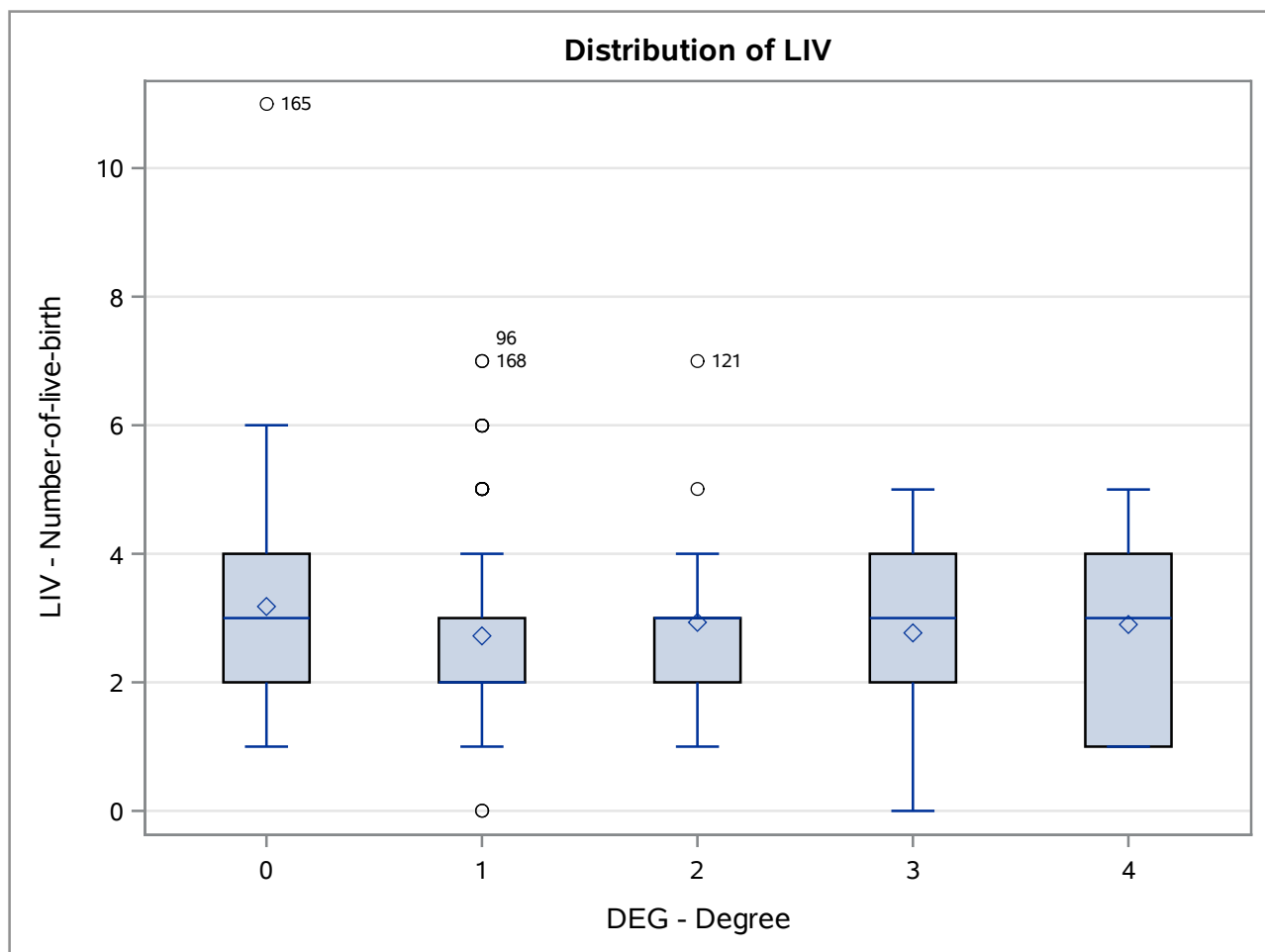


## The GLM Procedure

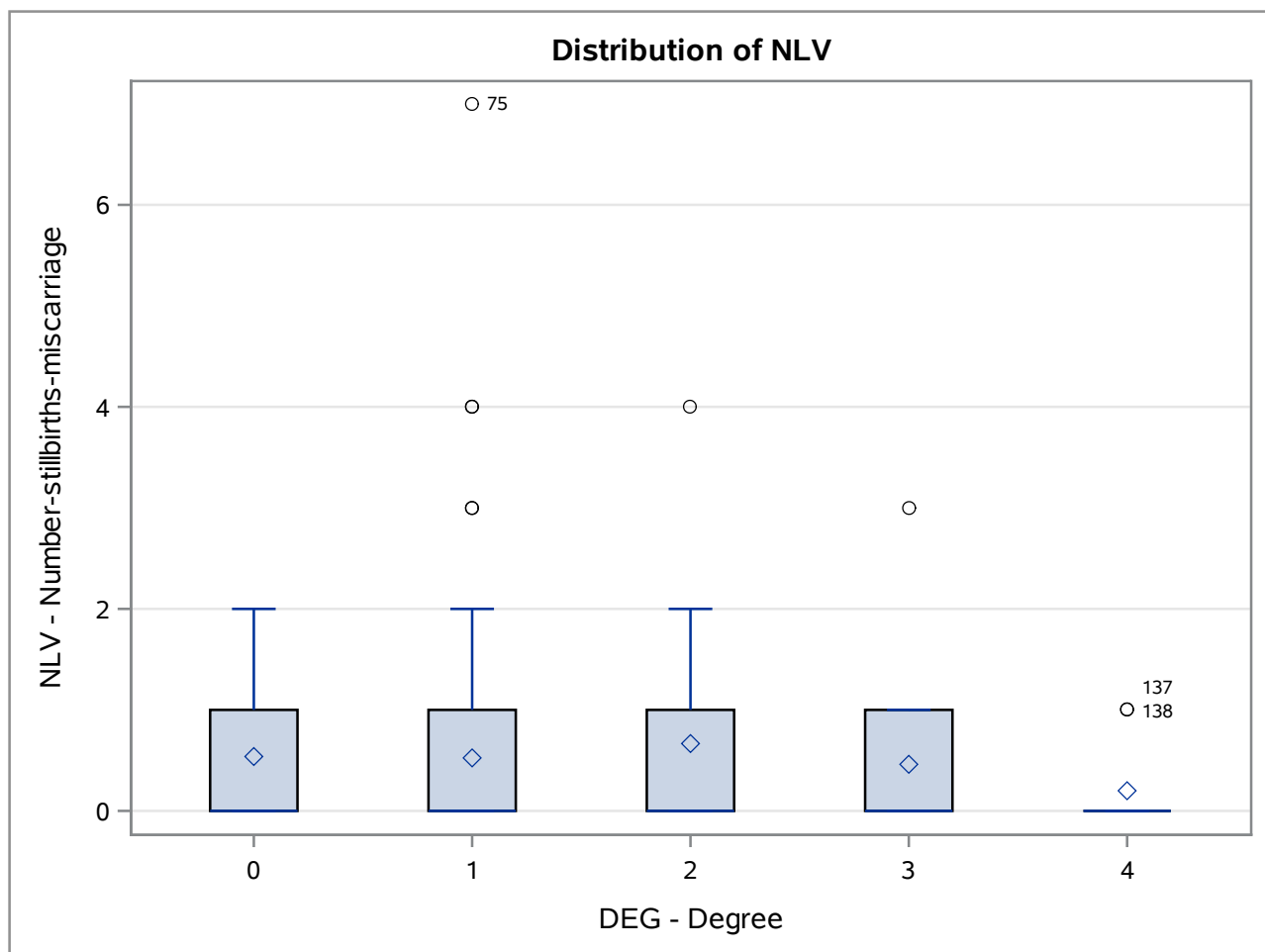


Level of MST	N	LIV		NLV	
		Mean	Std Dev	Mean	Std Dev
1	138	2.78985507	1.33702414	0.50724638	1.02698181
2	17	2.47058824	1.69991349	0.47058824	0.71743005
3	5	2.80000000	0.83666003	1.20000000	0.44721360
4	16	3.87500000	2.68017412	0.37500000	0.61913919
5	2	2.50000000	0.70710678	1.00000000	1.41421356

## The GLM Procedure

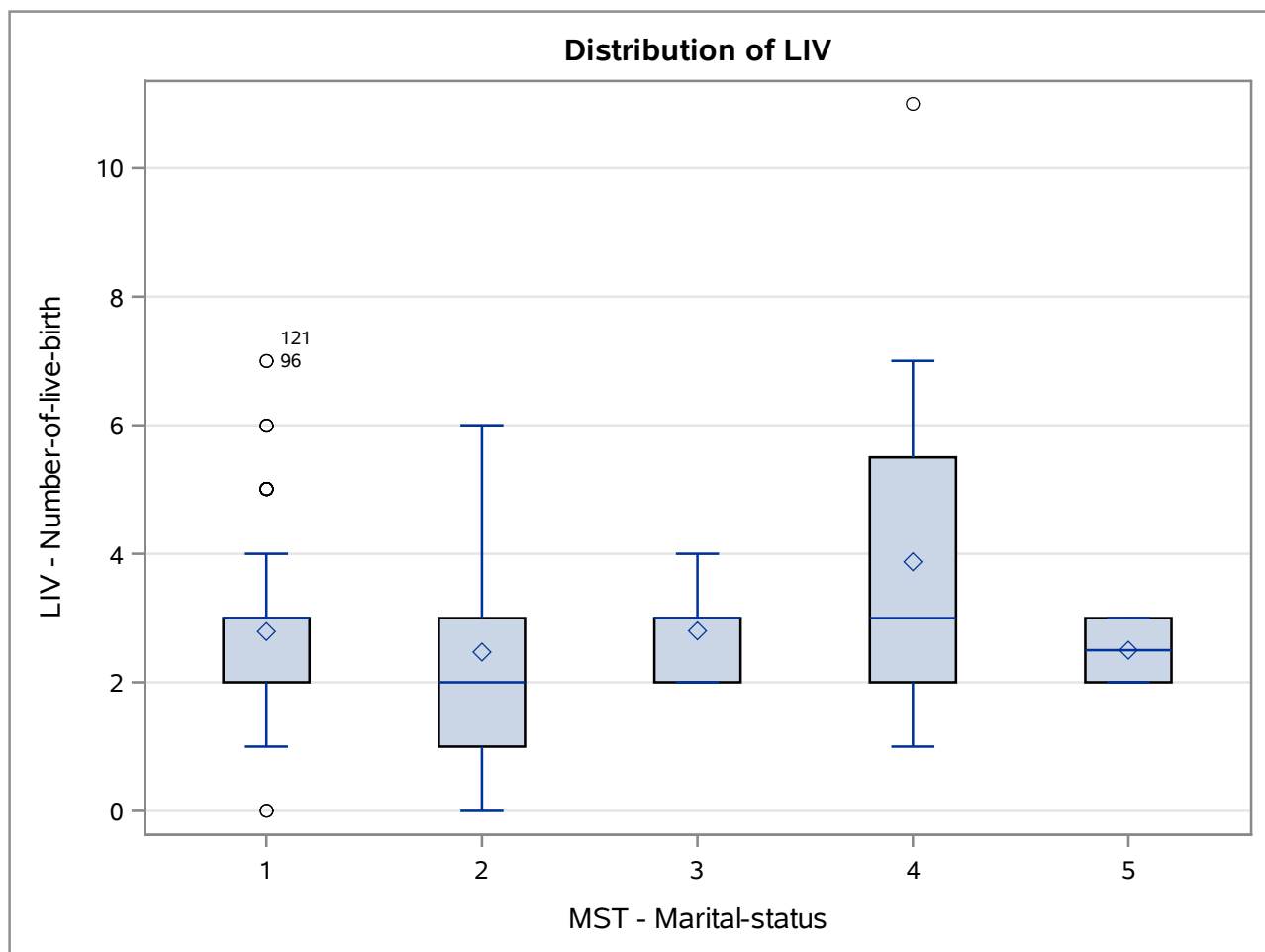


## The GLM Procedure

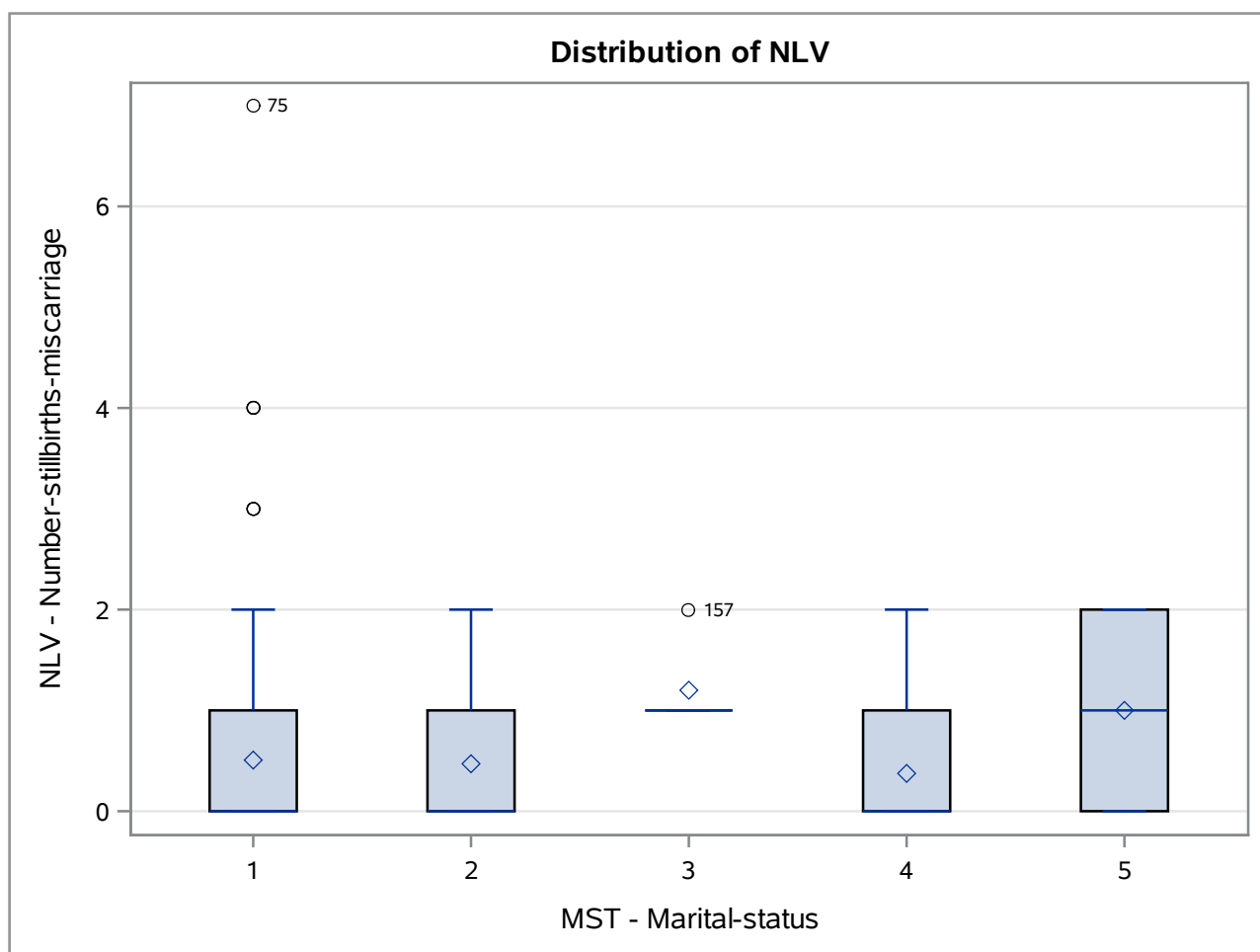


Level of DEG	N	LIV		NLV	
		Mean	Std Dev	Mean	Std Dev
0	39	3.17948718	1.87605121	0.53846154	0.71987403
1	101	2.72277228	1.44304409	0.52475248	1.07325728
2	15	2.93333333	1.48644671	0.66666667	1.11269728
3	13	2.76923077	1.42325016	0.46153846	0.87705802
4	10	2.90000000	1.44913767	0.20000000	0.42163702

## The GLM Procedure



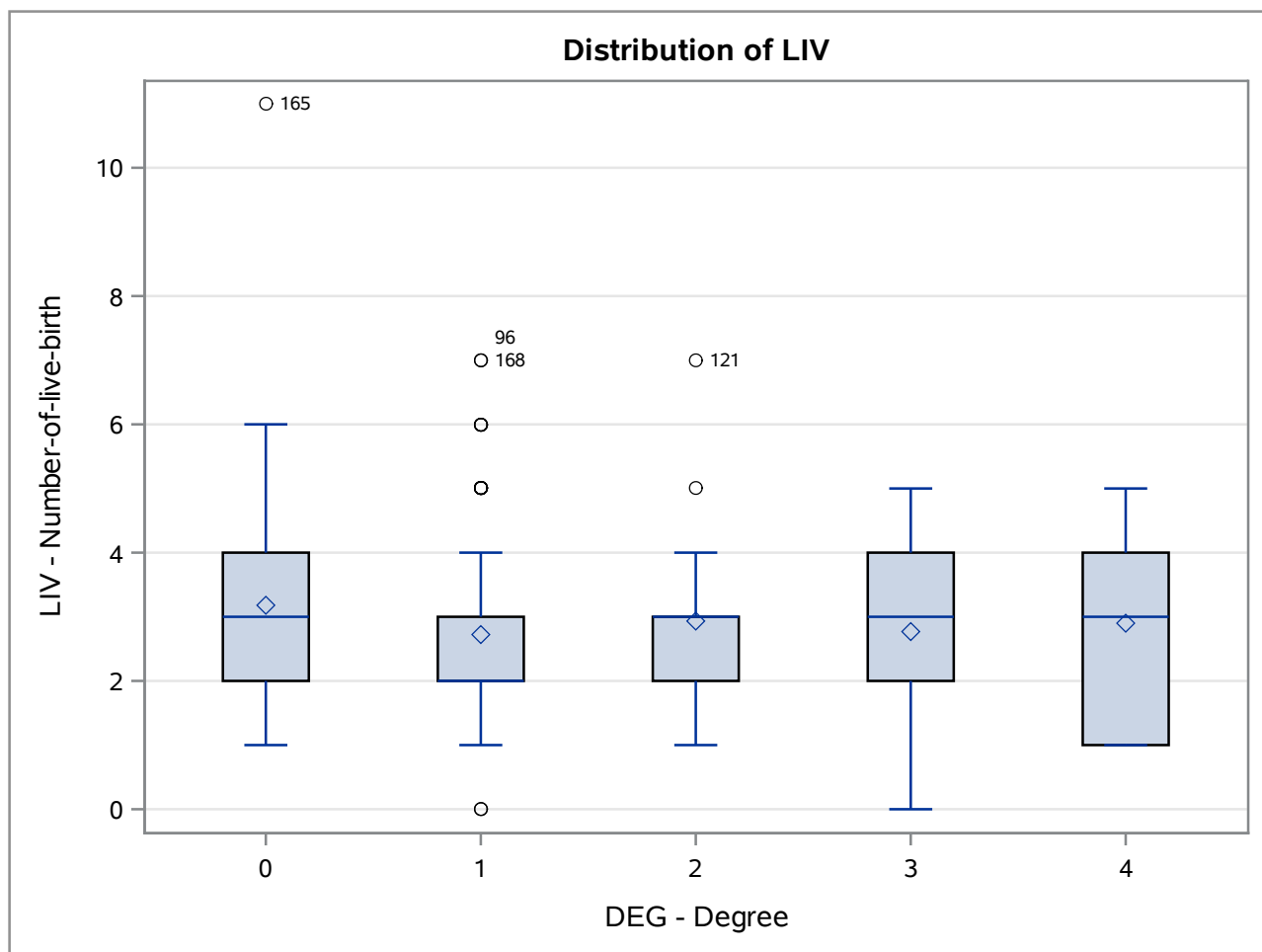
## The GLM Procedure



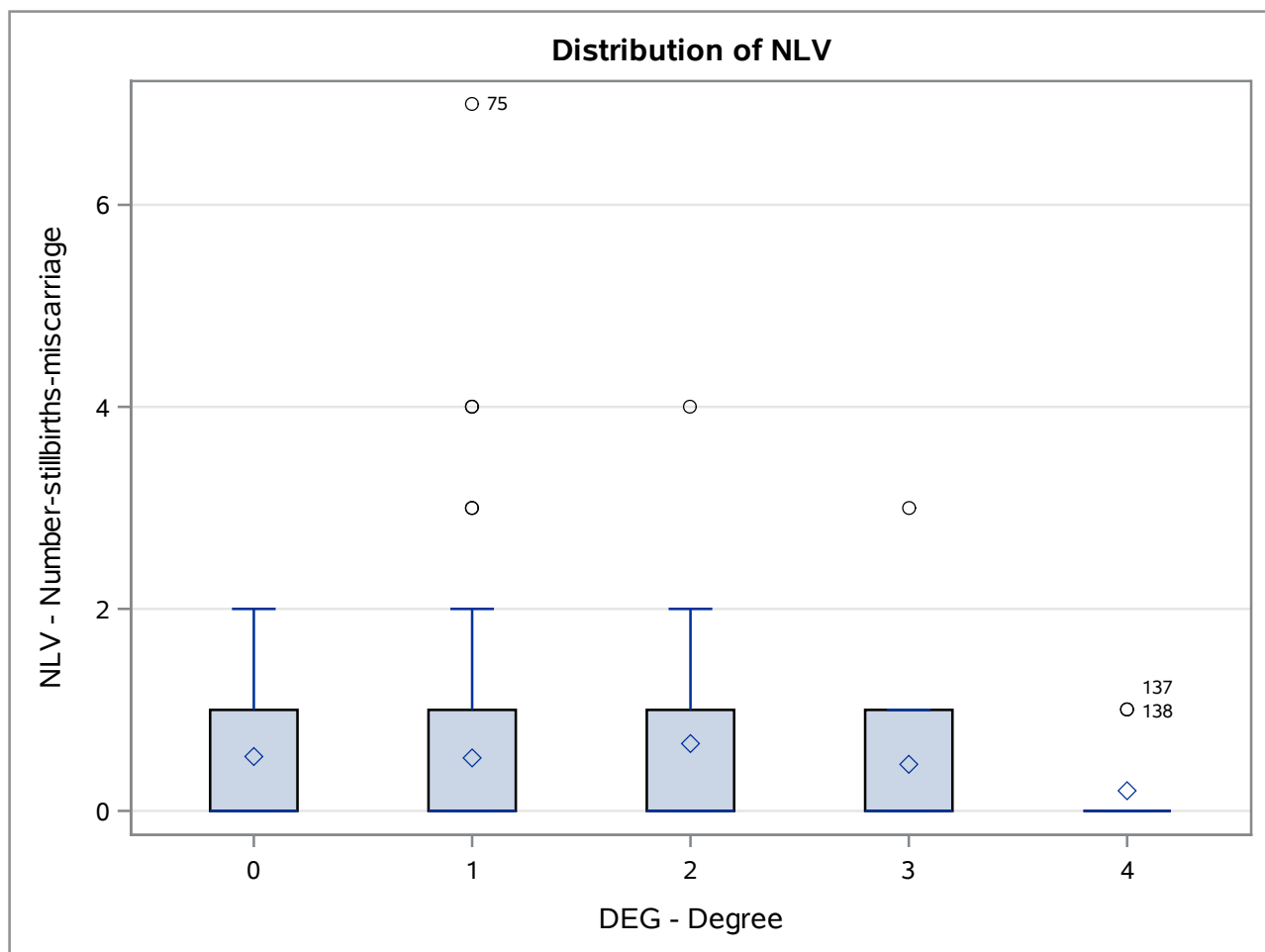
Level of MST	N	LIV		NLV	
		Mean	Std Dev	Mean	Std Dev
1	138	2.78985507	1.33702414	0.50724638	1.02698181
2	17	2.47058824	1.69991349	0.47058824	0.71743005
3	5	2.80000000	0.83666003	1.20000000	0.44721360
4	16	3.87500000	2.68017412	0.37500000	0.61913919
5	2	2.50000000	0.70710678	1.00000000	1.41421356



## The GLM Procedure



## The GLM Procedure



Level of DEG	N	LIV		NLV	
		Mean	Std Dev	Mean	Std Dev
0	39	3.17948718	1.87605121	0.53846154	0.71987403
1	101	2.72277228	1.44304409	0.52475248	1.07325728
2	15	2.93333333	1.48644671	0.66666667	1.11269728
3	13	2.76923077	1.42325016	0.46153846	0.87705802
4	10	2.90000000	1.44913767	0.20000000	0.42163702

### The GLM Procedure Multivariate Analysis of Variance

Characteristic Roots and Vectors of: E Inverse * H, where H = Type III SSCP Matrix for MST E = Error SSCP Matrix			
Characteristic Root	Percent	Characteristic Vector V'EV=1	
		LIV	NLV
0.05065842	75.40	0.04804622	-0.02104605
0.01652786	24.60	0.01456764	0.07624488

MANOVA Tests for the Hypothesis of No Overall MST Effect H = Type III SSCP Matrix for MST E = Error SSCP Matrix  S=2 M=0.5 N=83		
Statistic	Value	P-Value
Wilks' Lambda	0.93630894	0.1931
Pillai's Trace	0.06447500	0.1912
Hotelling-Lawley Trace	0.06718627	0.1946
Roy's Greatest Root	0.05065842	0.2318

Characteristic Roots and Vectors of: E Inverse * H, where H = Type III SSCP Matrix for DEG E = Error SSCP Matrix			
Characteristic Root	Percent	Characteristic Vector V'EV=1	
		LIV	NLV
0.01341965	62.24	0.04916917	0.01792897
0.00814099	37.76	-0.01015127	0.07703746

MANOVA Tests for the Hypothesis of No Overall DEG Effect H = Type III SSCP Matrix for DEG E = Error SSCP Matrix  S=2 M=0.5 N=83		
Statistic	Value	P-Value
Wilks' Lambda	0.97878974	0.8886
Pillai's Trace	0.02131719	0.8886
Hotelling-Lawley Trace	0.02156064	0.8891
Roy's Greatest Root	0.01341965	0.9367