Table of x by y

x / Frequency / Percent / Row Pct / Col Pct	y 1	2	3	4	Total
1	4	3	1	0	8
	10.00	7.50	2.50	0.00	20.00
	50.00	37.50	12.50	0.00	
	66.67	30.00	7.14	0.00	
2	1	5	2	2	10
	2.50	12.50	5.00	5.00	25.00
	10.00	50.00	20.00	20.00	
	16.67	50.00	14.29	20.00	
3	1	1	6	2	10
	2.50	2.50	15.00	5.00	25.00
	10.00	10.00	60.00	20.00	
	16.67	10.00	42.86	20.00	
4	0	1	5	6	12
	0.00	2.50	12.50	15.00	30.00
	0.00	8.33	41.67	50.00	
	0.00	10.00	35.71	60.00	
Total	6	10	14	10	40
	15.00	25.00	35.00	25.00	100.00

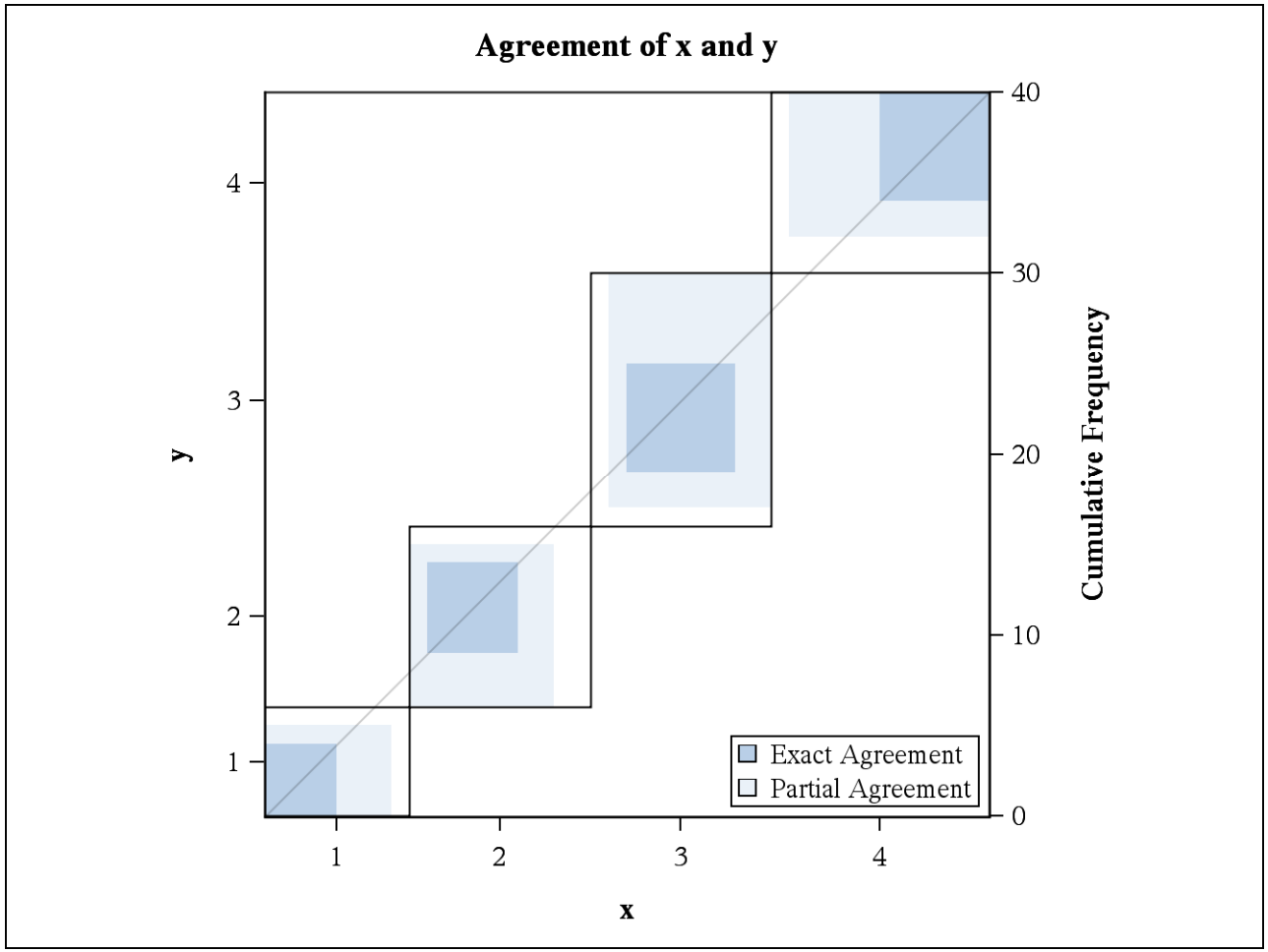
Statistics for Table of x by y

Test of Symmetry	
Statistic (S)	2.9524
DF	6
Pr > S	0.8148

Statistics for Table of x by y

Kappa Statistics				
Statistic	**Value**	**ASE**	**95% Confidence Limits**	
Simple Kappa	0.3624	0.1059	0.1548	0.5701
Weighted Kappa	0.4915	0.0992	0.2970	0.6860

Sample Size = 40



Base model main effects only

Model Information	
Data Set	WORK.ONE
Distribution	Poisson
Link Function	Log
Dependent Variable	count

Number of Observations Read	16
Number of Observations Used	16

Class Level Information

Class	Levels	Values
x	4	1 2 3 4
y	4	1 2 3 4

Criteria For Assessing Goodness Of Fit

Criterion	DF	Value	Value/DF
Deviance	9	23.7908	2.6434
Scaled Deviance	9	23.7908	2.6434
Pearson Chi-Square	9	22.8381	2.5376
Scaled Pearson X2	9	22.8381	2.5376
Log Likelihood		-1.3000	
Full Log Likelihood		-31.0827	
AIC (smaller is better)		76.1655	

Base model main effects only

Criteria For Assessing Goodness Of Fit			
Criterion	**DF**	**Value**	**Value/DF**
AICC (smaller is better)		90.1655	
BIC (smaller is better)		81.5736	

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates

Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept		1	1.0986	0.3979	0.3187	1.8785	7.62	0.0058
x	1	1	-0.4055	0.4564	-1.3001	0.4891	0.79	0.3744
x	2	1	-0.1823	0.4282	-1.0215	0.6569	0.18	0.6702
x	3	1	-0.1823	0.4282	-1.0215	0.6569	0.18	0.6702
x	4	0	0.0000	0.0000	0.0000	0.0000	.	.
y	1	1	-0.5108	0.5164	-1.5229	0.5013	0.98	0.3226
y	2	1	0.0000	0.4472	-0.8765	0.8765	0.00	1.0000
y	3	1	0.3365	0.4140	-0.4750	1.1480	0.66	0.4164
y	4	0	0.0000	0.0000	0.0000	0.0000	.	.
Scale		0	1.0000	0.0000	1.0000	1.0000		

Note: The scale parameter was held fixed.

Base model main effects only

LR Statistics For Type 1 Analysis

Source	Deviance	DF	Chi-Square	Pr > ChiSq
Intercept	27.8875			
x	27.0821	3	0.81	0.8482
y	23.7908	3	3.29	0.3489

LR Statistics For Type 3 Analysis

Source	DF	Chi-Square	Pr > ChiSq
x	3	0.81	0.8482
y	3	3.29	0.3489

Equal Weight Agreement Model

Model Information	
Data Set	WORK.ONE
Distribution	Poisson
Link Function	Log
Dependent Variable	count

Number of Observations Read	16
Number of Observations Used	16

Class Level Information

Class	Levels	Values
x	4	1 2 3 4
y	4	1 2 3 4

Criteria For Assessing Goodness Of Fit

Criterion	DF	Value	Value/DF
Deviance	8	10.0804	1.2600
Scaled Deviance	8	10.0804	1.2600
Pearson Chi-Square	8	8.1051	1.0131
Scaled Pearson X2	8	8.1051	1.0131
Log Likelihood		5.5552	
Full Log Likelihood		-24.2275	
AIC (smaller is better)		64.4551	

Equal Weight Agreement Model

Criteria For Assessing Goodness Of Fit			
Criterion	**DF**	**Value**	**Value/DF**
AICC (smaller is better)		85.0265	
BIC (smaller is better)		70.6358	

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates

Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept		1	0.5729	0.3968	-0.2049	1.3506	2.08	0.1488
x	1	1	-0.2813	0.4869	-1.2356	0.6731	0.33	0.5635
x	2	1	-0.2132	0.4632	-1.1211	0.6947	0.21	0.6454
x	3	1	-0.3795	0.4717	-1.3041	0.5451	0.65	0.4212
x	4	0	0.0000	0.0000	0.0000	0.0000	.	.
y	1	1	-0.4010	0.5499	-1.4787	0.6767	0.53	0.4658
y	2	1	0.0849	0.4845	-0.8646	1.0345	0.03	0.8608
y	3	1	0.4803	0.4546	-0.4107	1.3713	1.12	0.2907
y	4	0	0.0000	0.0000	0.0000	0.0000	.	.
delta		1	1.2214	0.3269	0.5807	1.8621	13.96	0.0002
Scale		0	1.0000	0.0000	1.0000	1.0000		

Note: The scale parameter was held fixed.

Equal Weight Agreement Model

LR Statistics For Type 1 Analysis

Source	Deviance	DF	Chi-Square	Pr > ChiSq
Intercept	27.8875			
x	27.0821	3	0.81	0.8482
y	23.7908	3	3.29	0.3489
delta	10.0804	1	13.71	0.0002

LR Statistics For Type 3 Analysis

Source	DF	Chi-Square	Pr > ChiSq
x	3	0.71	0.8705
y	3	3.20	0.3622
delta	1	13.71	0.0002

Equal Weight Agreement Model

Obs	x	y	count	delta	pred	stdreschi	stdresdev	reslik
1	1	1	4	1	3.04041	1.09347	1.04242	1.08077
2	1	2	3	0	1.45723	1.61117	1.40774	1.48642
3	1	3	1	0	2.16381	-1.07373	-1.20157	-1.14491
4	1	4	0	0	1.33855	-1.44441	-2.04270	-1.85064
5	2	1	1	0	0.95953	0.04980	0.04946	0.04957
6	2	2	5	1	5.29124	-0.30841	-0.31130	-0.30890
7	2	3	2	0	2.31632	-0.28716	-0.29409	-0.29081
8	2	4	2	0	1.43290	0.60383	0.56942	0.58289
9	3	1	1	0	0.81253	0.24709	0.23840	0.24097
10	3	2	1	0	1.32094	-0.35349	-0.36949	-0.36356
11	3	3	6	1	6.65316	-0.69849	-0.71042	-0.70007
12	3	4	2	0	1.21337	0.89907	0.82145	0.85092
13	4	1	0	0	1.18753	-1.35599	-1.91766	-1.73961
14	4	2	1	0	1.93059	-0.89147	-0.98311	-0.94429
15	4	3	5	0	2.86670	1.81299	1.63819	1.73077
16	4	4	6	1	6.01518	-0.01605	-0.01605	-0.01605

Equal Weight Agreement Model

Table 1 of r2 by r3

Controlling for r1=1

r2 / Frequency / Percent / Row Pct / Col Pct	r3 = 1	r3 = 2	r3 = 3	Total
1	4	3	6	13
	10.00	7.50	15.00	32.50
	30.77	23.08	46.15	
	50.00	50.00	23.08	
2	2	1	3	6
	5.00	2.50	7.50	15.00
	33.33	16.67	50.00	
	25.00	16.67	11.54	
3	2	2	17	21
	5.00	5.00	42.50	52.50
	9.52	9.52	80.95	
	25.00	33.33	65.38	
Total	8	6	26	40
	20.00	15.00	65.00	100.00

Statistics for Table 1 of r2 by r3 Controlling for r1=1

Test of Symmetry	
Statistic (S)	2.4000
DF	3
Pr > S	0.4936

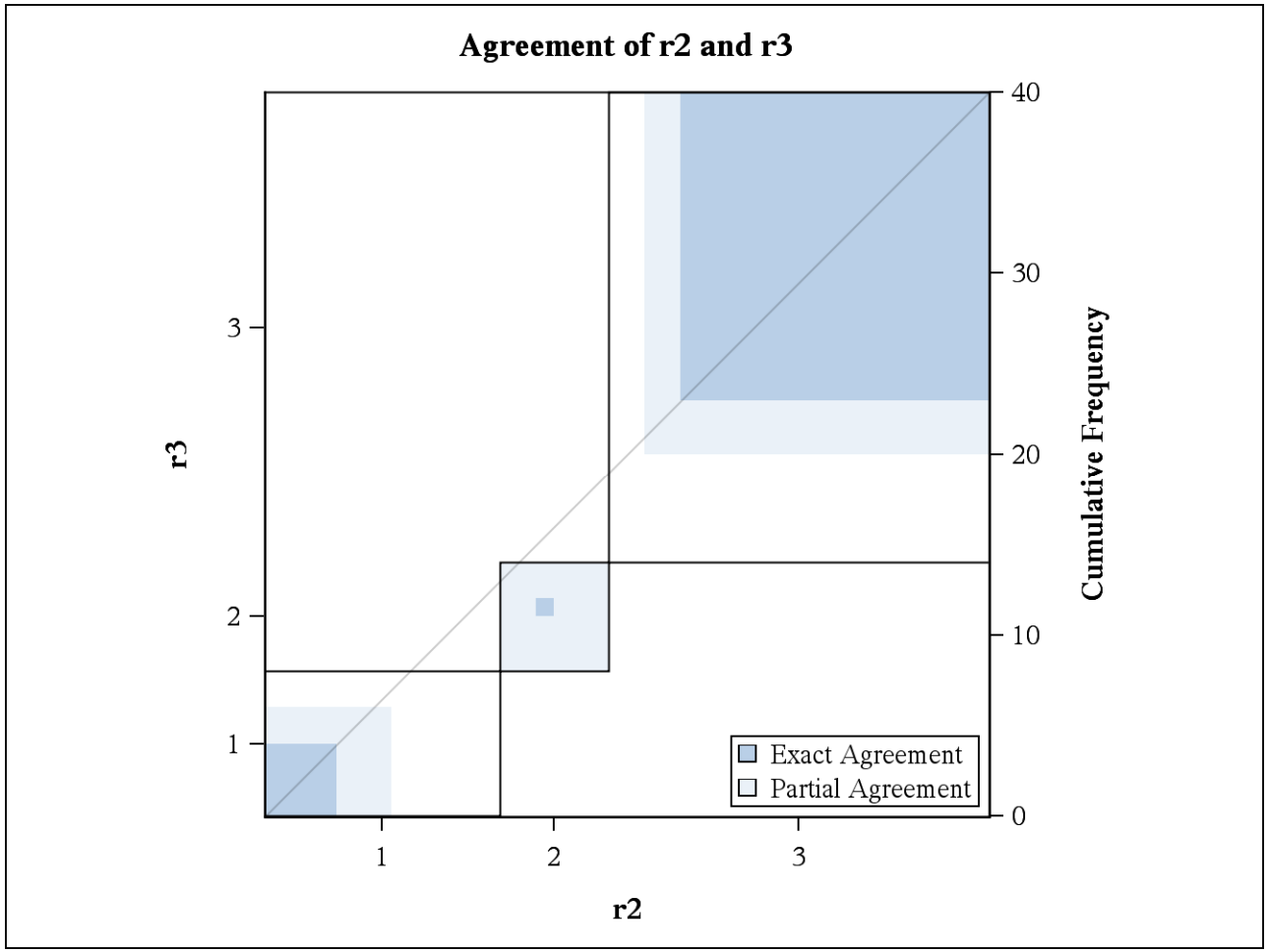
Equal Weight Agreement Model

Statistics for Table 1 of r2 by r3
Controlling for r1=1

Kappa Statistics				
Statistic	**Value**	**ASE**	**95% Confidence Limits**	
Simple Kappa	0.2123	0.1134	-0.0099	0.4344
Weighted Kappa	0.2676	0.1265	0.0198	0.5155

Sample Size = 40

Equal Weight Agreement Model



Equal Weight Agreement Model

Table 2 of r2 by r3

Controlling for r1=2

r2	r3			
Frequency **Percent** **Row Pct** **Col Pct**	**1**	**2**	**3**	**Total**
1	0 0.00 0.00 0.00	1 10.00 33.33 50.00	2 20.00 66.67 28.57	3 30.00
2	1 10.00 33.33 100.00	1 10.00 33.33 50.00	1 10.00 33.33 14.29	3 30.00
3	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 40.00 100.00 57.14	4 40.00
Total	1 10.00	2 20.00	7 70.00	10 100.00

Statistics for Table 2 of r2 by r3 Controlling for r1=2

Test of Symmetry	
Statistic (S)	3.0000
DF	3
Pr > S	0.3916

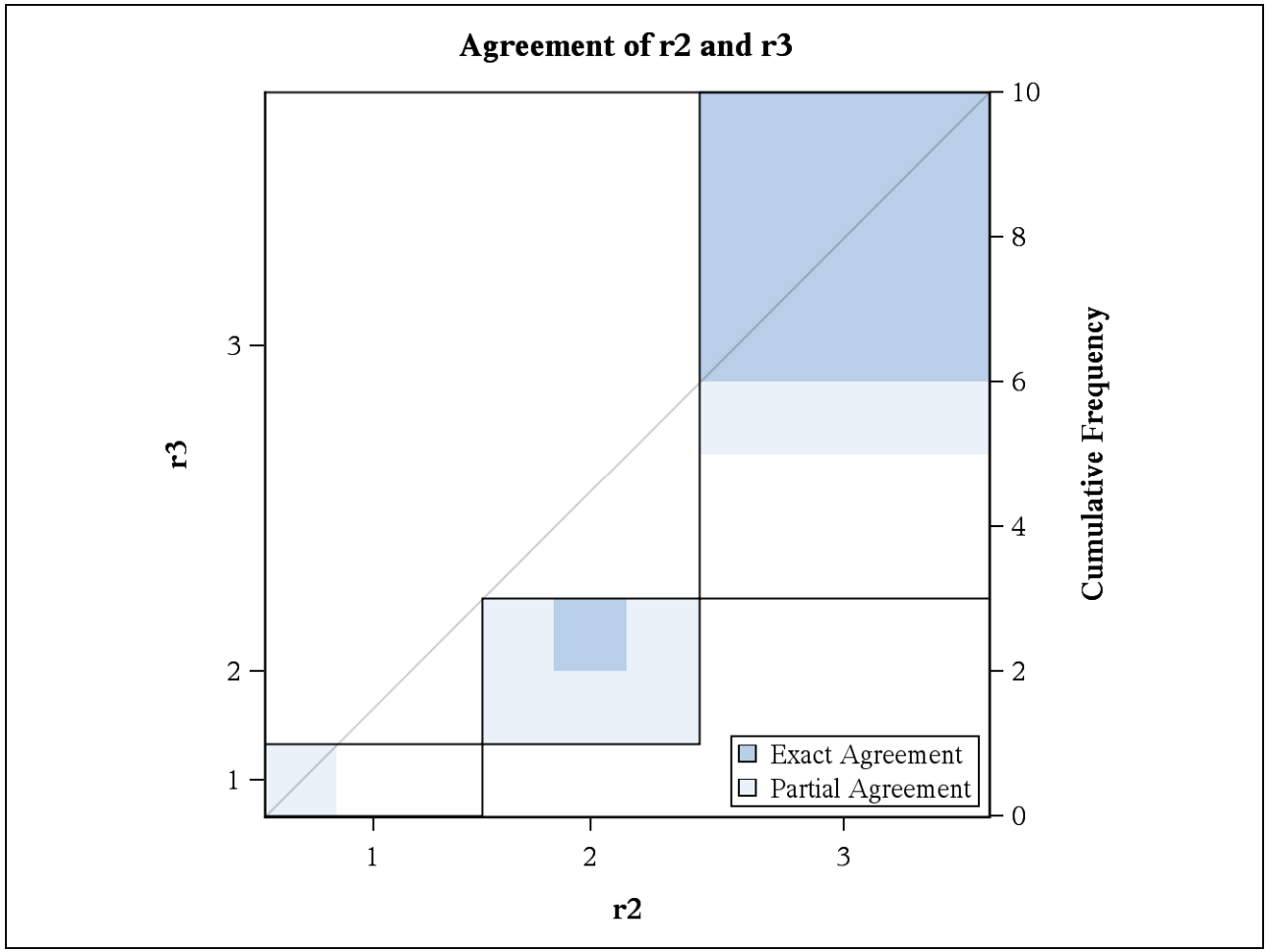
Equal Weight Agreement Model

Statistics for Table 2 of r2 by r3
Controlling for r1=2

Kappa Statistics				
Statistic	**Value**	**ASE**	**95% Confidence Limits**	
Simple Kappa	0.2063	0.1704	-0.1276	0.5403
Weighted Kappa	0.2045	0.1556	-0.1004	0.5095

Sample Size = 10

Equal Weight Agreement Model



Equal Weight Agreement Model

Table 3 of r2 by r3

Controlling for r1=3

r2	r3			
Frequency **Percent** **Row Pct** **Col Pct**	**1**	**2**	**3**	**Total**
1	0	1	3	4
	0.00	0.88	2.65	3.54
	0.00	25.00	75.00	
	.	16.67	2.80	
2	0	1	8	9
	0.00	0.88	7.08	7.96
	0.00	11.11	88.89	
	.	16.67	7.48	
3	0	4	96	100
	0.00	3.54	84.96	88.50
	0.00	4.00	96.00	
	.	66.67	89.72	
Total	0	6	107	113
	0.00	5.31	94.69	100.00

Statistics for Table 3 of r2 by r3 Controlling for r1=3

Test of Symmetry	
Statistic (S)	5.3333
DF	3
Pr > S	0.1490

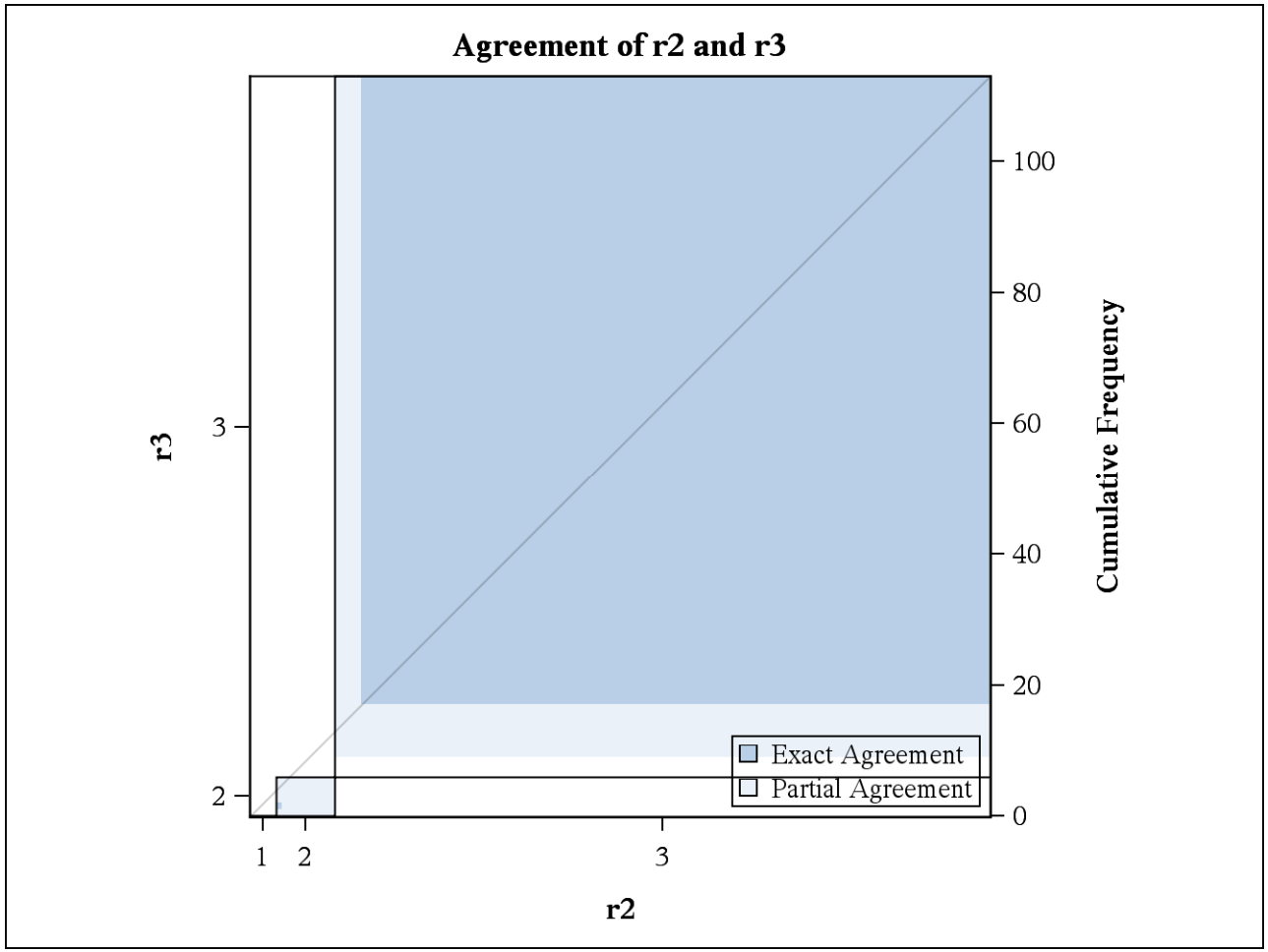
Equal Weight Agreement Model

Statistics for Table 3 of r2 by r3
Controlling for r1=3

Kappa Statistics				
Statistic	**Value**	**ASE**	**95% Confidence Limits**	
Simple Kappa	0.1027	0.1024	-0.0979	0.3033
Weighted Kappa	0.1212	0.1039	-0.0825	0.3248

Sample Size = 113

Equal Weight Agreement Model



Equal Weight Agreement Model

Summary Statistics for r2 by r3 Controlling for r1

Overall Kappa Coefficients

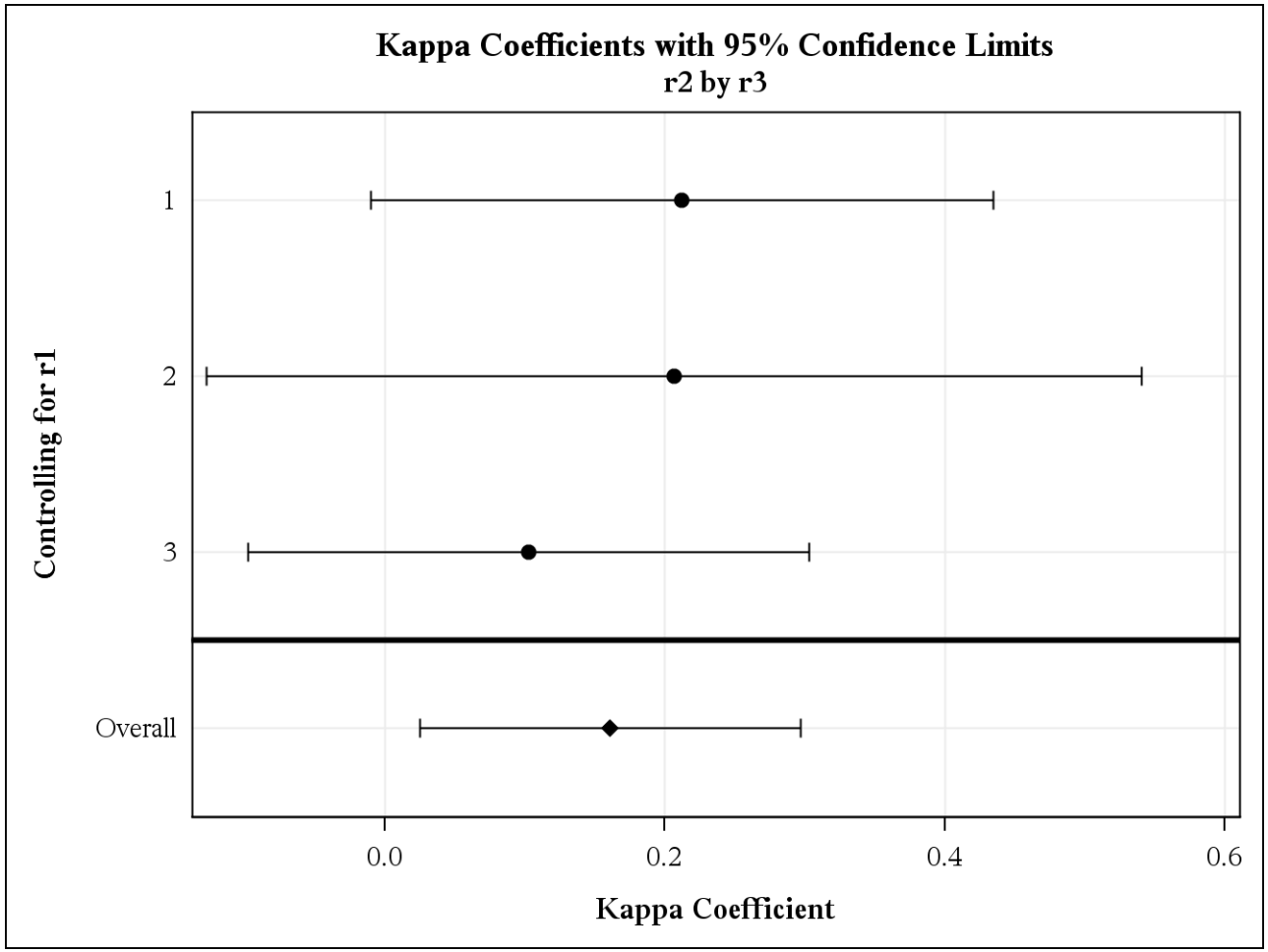
Statistic	Value	ASE	95% Confidence Limits	
Simple Kappa	0.1609	0.0694	0.0249	0.2969
Weighted Kappa	0.1853	0.0713	0.0455	0.3252

Tests for Equal Kappa Coefficients

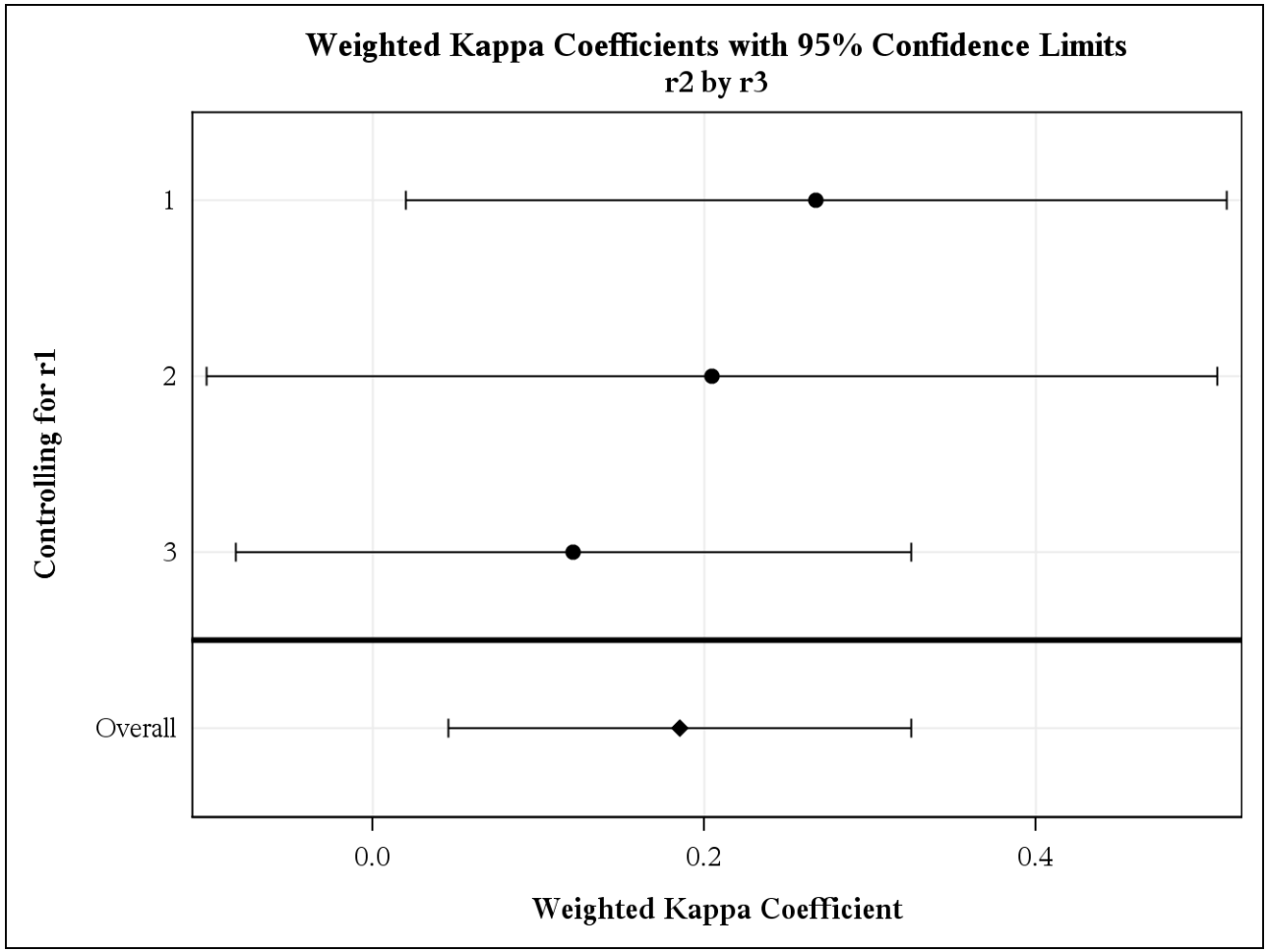
Statistic	Chi-Square	DF	Pr > ChiSq
Simple Kappa	0.5993	2	0.7411
Weighted Kappa	0.8199	2	0.6637

Total Sample Size = 163

Equal Weight Agreement Model



Equal Weight Agreement Model



Base model main effects only

Model Information	
Data Set	WORK.TWO
Distribution	Poisson
Link Function	Log
Dependent Variable	count

Number of Observations Read	27
Number of Observations Used	27

Class Level Information

Class	Levels	Values
r1	3	1 2 3
r2	3	1 2 3
r3	3	1 2 3

Criteria For Assessing Goodness Of Fit

Criterion	DF	Value	Value/DF
Deviance	20	75.1015	3.7551
Scaled Deviance	20	75.1015	3.7551
Pearson Chi-Square	20	140.3746	7.0187
Scaled Pearson X2	20	140.3746	7.0187
Log Likelihood		345.2456	
Full Log Likelihood		-68.5048	
AIC (smaller is better)		151.0095	

Base model main effects only

Criteria For Assessing Goodness Of Fit			
Criterion	**DF**	**Value**	**Value/DF**
AICC (smaller is better)		156.9043	
BIC (smaller is better)		160.0804	

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates

Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept		1	4.3098	0.1083	4.0976	4.5220	1584.54	<.0001
r1	1	1	-1.0385	0.1840	-1.3991	-0.6779	31.86	<.0001
r1	2	1	-2.4248	0.3299	-3.0714	-1.7782	54.02	<.0001
r1	3	0	0.0000	0.0000	0.0000	0.0000	.	.
r2	1	1	-1.8326	0.2408	-2.3046	-1.3606	57.90	<.0001
r2	2	1	-1.9379	0.2521	-2.4321	-1.4438	59.09	<.0001
r2	3	0	0.0000	0.0000	0.0000	0.0000	.	.
r3	1	1	-2.7444	0.3439	-3.4184	-2.0704	63.69	<.0001
r3	2	1	-2.3026	0.2803	-2.8520	-1.7532	67.48	<.0001
r3	3	0	0.0000	0.0000	0.0000	0.0000	.	.
Scale		0	1.0000	0.0000	1.0000	1.0000		

Note: The scale parameter was held fixed.

Base model main effects only

LR Statistics For Type 1 Analysis

Source	Deviance	DF	Chi-Square	Pr > ChiSq
Intercept	505.4730			
r1	398.3362	2	107.14	<.0001
r2	269.7901	2	128.55	<.0001
r3	75.1015	2	194.69	<.0001

LR Statistics For Type 3 Analysis

Source	DF	Chi-Square	Pr > ChiSq
r1	2	107.14	<.0001
r2	2	128.55	<.0001
r3	2	194.69	<.0001

Simultaneous agreement between pairs of raters. Section 2.4.1.1

Model Information	
Data Set	WORK.TWO
Distribution	Poisson
Link Function	Log
Dependent Variable	count

Number of Observations Read	27
Number of Observations Used	27

Class Level Information

Class	Levels	Values
r1	3	1 2 3
r2	3	1 2 3
r3	3	1 2 3

Criteria For Assessing Goodness Of Fit

Criterion	DF	Value	Value/DF
Deviance	17	17.9689	1.0570
Scaled Deviance	17	17.9689	1.0570
Pearson Chi-Square	17	19.9309	1.1724
Scaled Pearson X2	17	19.9309	1.1724
Log Likelihood		373.8119	
Full Log Likelihood		-39.9384	
AIC (smaller is better)		99.8769	

Simultaneous agreement between pairs of raters. Section 2.4.1.1

Criteria For Assessing Goodness Of Fit

Criterion	DF	Value	Value/DF
AICC (smaller is better)		113.6269	
BIC (smaller is better)		112.8352	

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates

Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept		1	1.7449	0.3478	1.0631	2.4266	25.16	<.0001
r1	1	1	0.4016	0.3428	-0.2703	1.0736	1.37	0.2414
r1	2	1	-1.2305	0.3954	-2.0055	-0.4556	9.69	0.0019
r1	3	0	0.0000	0.0000	0.0000	0.0000	.	.
r2	1	1	-1.1432	0.3278	-1.7857	-0.5006	12.16	0.0005
r2	2	1	-0.9400	0.3205	-1.5682	-0.3118	8.60	0.0034
r2	3	0	0.0000	0.0000	0.0000	0.0000	.	.
r3	1	1	-2.4702	0.3948	-3.2440	-1.6965	39.16	<.0001
r3	2	1	-1.4855	0.3154	-2.1038	-0.8672	22.18	<.0001
r3	3	0	0.0000	0.0000	0.0000	0.0000	.	.
delta12		1	0.9914	0.2328	0.5352	1.4477	18.14	<.0001
delta13		1	1.0999	0.3091	0.4942	1.7056	12.67	0.0004
delta23		1	0.7077	0.2790	0.1610	1.2545	6.44	0.0112
Scale		0	1.0000	0.0000	1.0000	1.0000		

Simultaneous agreement between pairs of raters. Section 2.4.1.1

Note: The scale parameter was held fixed.

LR Statistics For Type 1 Analysis

Source	Deviance	DF	Chi-Square	Pr > ChiSq
Intercept	505.4730			
r1	398.3362	2	107.14	<.0001
r2	269.7901	2	128.55	<.0001
r3	75.1015	2	194.69	<.0001
delta12	47.2441	1	27.86	<.0001
delta13	24.0655	1	23.18	<.0001
delta23	17.9689	1	6.10	0.0135

LR Statistics For Type 3 Analysis

Source	DF	Chi-Square	Pr > ChiSq
r1	2	24.31	<.0001
r2	2	14.38	0.0008
r3	2	72.62	<.0001
delta12	1	17.81	<.0001
delta13	1	13.13	0.0003
delta23	1	6.10	0.0135

Agreement among all raters. Section 2.4.1.2

Model Information	
Data Set	WORK.TWO
Distribution	Poisson
Link Function	Log
Dependent Variable	count

Number of Observations Read	27
Number of Observations Used	27

Class Level Information

Class	Levels	Values
r1	3	1 2 3
r2	3	1 2 3
r3	3	1 2 3

Criteria For Assessing Goodness Of Fit

Criterion	DF	Value	Value/DF
Deviance	16	17.5528	1.0971
Scaled Deviance	16	17.5528	1.0971
Pearson Chi-Square	16	18.9938	1.1871
Scaled Pearson X2	16	18.9938	1.1871
Log Likelihood		374.0200	
Full Log Likelihood		-39.7304	
AIC (smaller is better)		101.4608	

Agreement among all raters. Section 2.4.1.2

Criteria For Assessing Goodness Of Fit			
Criterion	**DF**	**Value**	**Value/DF**
AICC (smaller is better)		119.0608	
BIC (smaller is better)		115.7150	

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates

Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept		1	1.9659	0.4764	1.0322	2.8997	17.03	<.0001
r1	1	1	0.3801	0.3420	-0.2901	1.0504	1.24	0.2663
r1	2	1	-1.2214	0.3973	-2.0002	-0.4426	9.45	0.0021
r1	3	0	0.0000	0.0000	0.0000	0.0000	.	.
r2	1	1	-1.1070	0.3309	-1.7555	-0.4585	11.19	0.0008
r2	2	1	-0.9541	0.3211	-1.5834	-0.3247	8.83	0.0030
r2	3	0	0.0000	0.0000	0.0000	0.0000	.	.
r3	1	1	-2.4568	0.3942	-3.2295	-1.6842	38.84	<.0001
r3	2	1	-1.4973	0.3150	-2.1147	-0.8799	22.60	<.0001
r3	3	0	0.0000	0.0000	0.0000	0.0000	.	.
delta12		1	0.7181	0.4749	-0.2127	1.6489	2.29	0.1305
delta13		1	0.8298	0.5121	-0.1738	1.8335	2.63	0.1051
delta23		1	0.4733	0.4489	-0.4064	1.3531	1.11	0.2917

Agreement among all raters. Section 2.4.1.2

Analysis Of Maximum Likelihood Parameter Estimates

Parameter	DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
delta123	1	0.5633	0.8546	-1.1118	2.2383	0.43	0.5099
Scale	0	1.0000	0.0000	1.0000	1.0000		

Note: The scale parameter was held fixed.

LR Statistics For Type 1 Analysis

Source	Deviance	DF	Chi-Square	Pr > ChiSq
Intercept	505.4730			
r1	398.3362	2	107.14	<.0001
r2	269.7901	2	128.55	<.0001
r3	75.1015	2	194.69	<.0001
delta12	47.2441	1	27.86	<.0001
delta13	24.0655	1	23.18	<.0001
delta23	17.9689	1	6.10	0.0135
delta123	17.5528	1	0.42	0.5189

LR Statistics For Type 3 Analysis

Source	DF	Chi-Square	Pr > ChiSq
r1	2	23.74	<.0001
r2	2	13.81	0.0010
r3	2	72.05	<.0001
delta12	1	2.42	0.1198

Agreement among all raters. Section 2.4.1.2

LR Statistics For Type 3 Analysis			
Source	**DF**	**Chi-Square**	**Pr > ChiSq**
delta13	1	2.78	0.0952
delta23	1	1.16	0.2825
delta123	1	0.42	0.5189

Agreement among all raters-include only the delta for all raters. Section 2.4.1.2

Model Information	
Data Set	WORK.TWO
Distribution	Poisson
Link Function	Log
Dependent Variable	count

Number of Observations Read	27
Number of Observations Used	27

Class Level Information

Class	Levels	Values
r1	3	1 2 3
r2	3	1 2 3
r3	3	1 2 3

Criteria For Assessing Goodness Of Fit

Criterion	DF	Value	Value/DF
Deviance	19	20.8945	1.0997
Scaled Deviance	19	20.8945	1.0997
Pearson Chi-Square	19	23.1565	1.2188
Scaled Pearson X2	19	23.1565	1.2188
Log Likelihood		372.3491	
Full Log Likelihood		-41.4013	
AIC (smaller is better)		98.8025	

Agreement among all raters-include only the delta for all raters. Section 2.4.1.2

Criteria For Assessing Goodness Of Fit

Criterion	DF	Value	Value/DF
AICC (smaller is better)		106.8025	
BIC (smaller is better)		109.1692	

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates

Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept		1	2.6332	0.2421	2.1588	3.1077	118.35	<.0001
r1	1	1	0.1402	0.2557	-0.3610	0.6414	0.30	0.5835
r1	2	1	-1.3396	0.3651	-2.0551	-0.6240	13.46	0.0002
r1	3	0	0.0000	0.0000	0.0000	0.0000	.	.
r2	1	1	-0.9698	0.2746	-1.5079	-0.4316	12.47	0.0004
r2	2	1	-0.9868	0.2846	-1.5447	-0.4289	12.02	0.0005
r2	3	0	0.0000	0.0000	0.0000	0.0000	.	.
r3	1	1	-2.3486	0.3708	-3.0753	-1.6219	40.13	<.0001
r3	2	1	-1.5620	0.2987	-2.1474	-0.9766	27.35	<.0001
r3	3	0	0.0000	0.0000	0.0000	0.0000	.	.
delta123		1	1.9216	0.2490	1.4335	2.4096	59.55	<.0001
Scale		0	1.0000	0.0000	1.0000	1.0000		

Note: The scale parameter was held fixed.

Agreement among all raters-include only the delta for all raters. Section 2.4.1.2

LR Statistics For Type 1 Analysis

Source	Deviance	DF	Chi-Square	Pr > ChiSq
Intercept	505.4730			
r1	398.3362	2	107.14	<.0001
r2	269.7901	2	128.55	<.0001
r3	75.1015	2	194.69	<.0001
delta123	20.8945	1	54.21	<.0001

LR Statistics For Type 3 Analysis

Source	DF	Chi-Square	Pr > ChiSq
r1	2	24.05	<.0001
r2	2	18.48	<.0001
r3	2	78.57	<.0001
delta123	1	54.21	<.0001

Table of a by b

a	b			
Frequency **Percent** **Row Pct** **Col Pct**	**1**	**2**	**3**	**Total**
1	17 13.18 36.17 50.00	27 20.93 57.45 36.00	3 2.33 6.38 15.00	47 36.43
2	16 12.40 21.33 47.06	45 34.88 60.00 60.00	14 10.85 18.67 70.00	75 58.14
3	1 0.78 14.29 2.94	3 2.33 42.86 4.00	3 2.33 42.86 15.00	7 5.43
Total	34 26.36	75 58.14	20 15.50	129 100.00

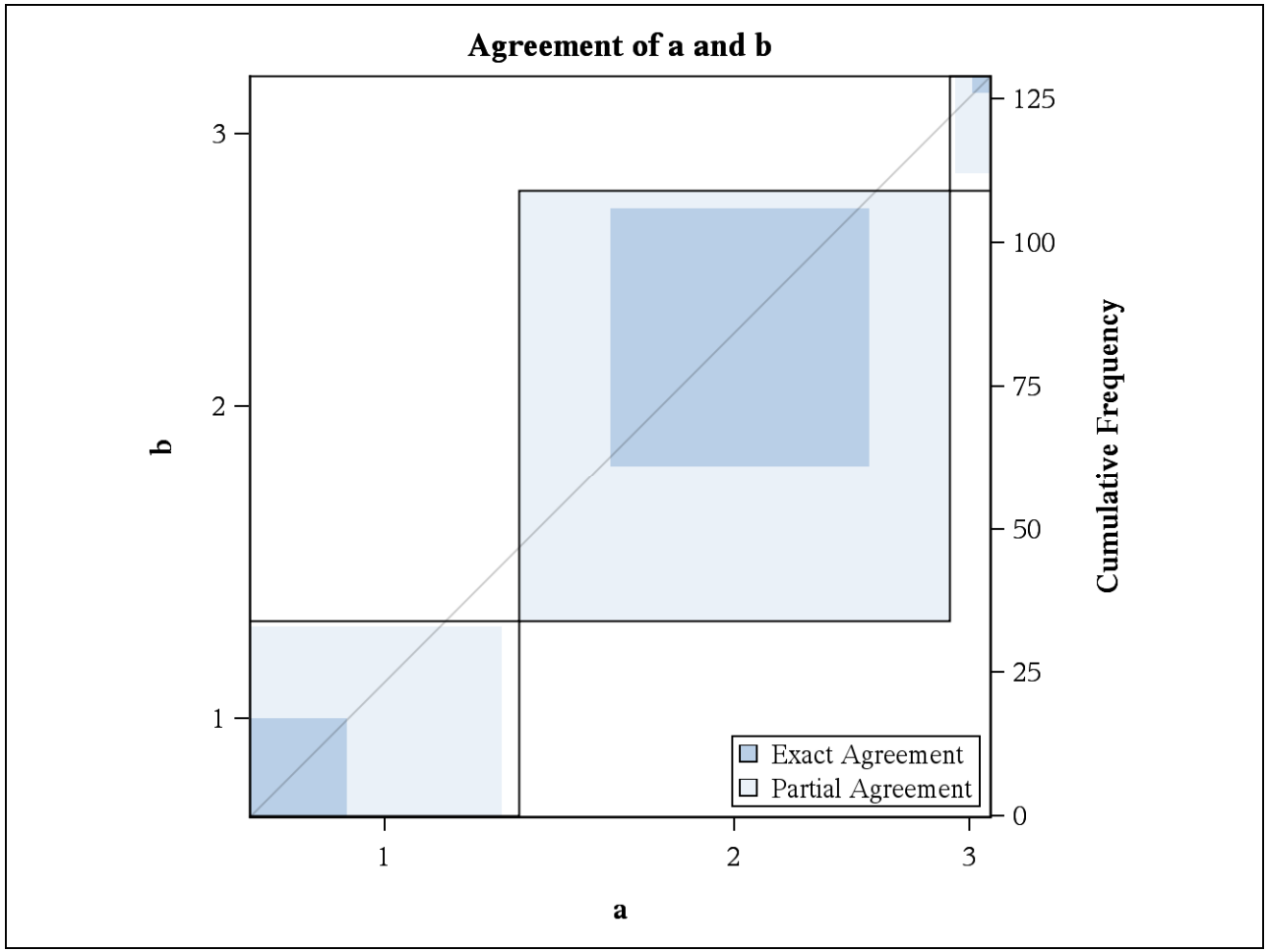
Statistics for Table of a by b

Test of Symmetry	
Statistic (S)	10.9316
DF	3
Pr > S	0.0121

Statistics for Table of a by b

Kappa Statistics				
Statistic	**Value**	**ASE**	**95% Confidence Limits**	
Simple Kappa	0.1102	0.0733	-0.0335	0.2538
Weighted Kappa	0.1611	0.0702	0.0235	0.2986

Sample Size = 129



Base model main effects only

Model Information	
Data Set	WORK.THREE
Distribution	Poisson
Link Function	Log
Dependent Variable	count

Number of Observations Read	9
Number of Observations Used	9

Class Level Information

Class	Levels	Values
a	3	1 2 3
b	3	1 2 3

Criteria For Assessing Goodness Of Fit

Criterion	DF	Value	Value/DF
Deviance	4	9.1023	2.2756
Scaled Deviance	4	9.1023	2.2756
Pearson Chi-Square	4	9.5361	2.3840
Scaled Pearson X2	4	9.5361	2.3840
Log Likelihood		266.0966	
Full Log Likelihood		-22.3283	
AIC (smaller is better)		54.6566	

Base model main effects only

Criteria For Assessing Goodness Of Fit			
Criterion	**DF**	**Value**	**Value/DF**
AICC (smaller is better)		74.6566	
BIC (smaller is better)		55.6427	

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates

Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept		1	0.0818	0.4302	-0.7614	0.9251	0.04	0.8492
a	1	1	1.9042	0.4051	1.1102	2.6983	22.09	<.0001
a	2	1	2.3716	0.3952	1.5970	3.1462	36.01	<.0001
a	3	0	0.0000	0.0000	0.0000	0.0000	.	.
b	1	1	0.5306	0.2818	-0.0217	1.0829	3.55	0.0597
b	2	1	1.3218	0.2517	0.8285	1.8150	27.58	<.0001
b	3	0	0.0000	0.0000	0.0000	0.0000	.	.
Scale		0	1.0000	0.0000	1.0000	1.0000		

Note: The scale parameter was held fixed.

Base model main effects only

LR Statistics For Type 1 Analysis

Source	Deviance	DF	Chi-Square	Pr > ChiSq
Intercept	112.3479			
a	45.9577	2	66.39	<.0001
b	9.1023	2	36.86	<.0001

LR Statistics For Type 3 Analysis

Source	DF	Chi-Square	Pr > ChiSq
a	2	66.39	<.0001
b	2	36.86	<.0001

Equal Weight Agreement Model with trend Section 2.4.1.1

Model Information	
Data Set	WORK.THREE
Distribution	Poisson
Link Function	Log
Dependent Variable	count

Number of Observations Read	9
Number of Observations Used	9

Class Level Information

Class	Levels	Values
a	3	1 2 3
b	3	1 2 3

Criteria For Assessing Goodness Of Fit

Criterion	DF	Value	Value/DF
Deviance	2	3.4555	1.7277
Scaled Deviance	2	3.4555	1.7277
Pearson Chi-Square	2	3.2540	1.6270
Scaled Pearson X2	2	3.2540	1.6270
Log Likelihood		268.9200	
Full Log Likelihood		-19.5049	
AIC (smaller is better)		53.0098	

Equal Weight Agreement Model with trend Section 2.4.1.1

Criteria For Assessing Goodness Of Fit

Criterion	DF	Value	Value/DF
AICC (smaller is better)		165.0098	
BIC (smaller is better)		54.3903	

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates

Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept		1	0.1123	0.4306	-0.7316	0.9563	0.07	0.7942
a	1	1	0.6172	0.8253	-1.0003	2.2348	0.56	0.4545
a	2	1	1.6772	0.5077	0.6821	2.6722	10.91	0.0010
a	3	0	0.0000	0.0000	0.0000	0.0000	.	.
b	1	1	1.7171	0.8421	0.0666	3.3677	4.16	0.0414
b	2	1	1.6889	0.4377	0.8310	2.5468	14.89	0.0001
b	3	0	0.0000	0.0000	0.0000	0.0000	.	.
delta		1	0.3660	0.2032	-0.0323	0.7644	3.24	0.0717
trend		1	0.8247	0.4852	-0.1262	1.7755	2.89	0.0892
Scale		0	1.0000	0.0000	1.0000	1.0000		

Note: The scale parameter was held fixed.

Equal Weight Agreement Model with trend Section 2.4.1.1

LR Statistics For Type 1 Analysis

Source	Deviance	DF	Chi-Square	Pr > ChiSq
Intercept	112.3479			
a	45.9577	2	66.39	<.0001
b	9.1023	2	36.86	<.0001
delta	6.4971	1	2.61	0.1065
trend	3.4555	1	3.04	0.0812

LR Statistics For Type 3 Analysis

Source	DF	Chi-Square	Pr > ChiSq
a	2	36.89	<.0001
b	2	26.24	<.0001
delta	1	3.22	0.0727
trend	1	3.04	0.0812