Summary of data first 15 obs

Obs	Pre_test	Post_test	Nine_month_post_test	Pre_test_bin	Post_test_bin	Nine_month_post_test_bin	Response_sum	Response_char
1	Failed	Failed	Passed	0	0	1	1	Discordant
2	Failed	Failed	Failed	0	0	0	0	Cordant
3	Failed	Failed	Failed	0	0	0	0	Cordant
4	Failed	Passed	Failed	0	1	0	1	Discordant
5	Failed	Failed	Failed	0	0	0	0	Cordant
6	Failed	Failed	Failed	0	0	0	0	Cordant
7	Failed	Failed	Failed	0	0	0	0	Cordant
8	Failed	Failed	Failed	0	0	0	0	Cordant
9	Failed	Passed	Passed	0	1	1	2	Discordant
10	Failed	Failed	Failed	0	0	0	0	Cordant
11	Failed	Failed	Failed	0	0	0	0	Cordant
12	Failed	Failed	Failed	0	0	0	0	Cordant
13	Failed	Passed	Failed	0	1	0	1	Discordant
14	Failed	Failed	Failed	0	0	0	0	Cordant
15	Failed	Failed	Failed	0	0	0	0	Cordant

Effect of BLS class on test outcomes using non-binary data

The FREQ Procedure

Pre-Training Test		
Pre_test	Frequency	Percent
Failed	52	82.54
Passed	11	17.46

Post-Training Test		
Post_test	Frequency	Percent
Failed	35	55.56
Passed	28	44.44

9-months Post-Training Test		
Nine_month_post_test	Frequency	Percent
Failed	25	39.68
Passed	38	60.32

Frequency
Expected

Table 1 of Post_test by Nine_month_post_test			
Controlling for Pre_test=Failed			
Post_test(Post-Training Test)	Nine_month_post_test(9-months Post-Training Test)		
	Failed	Passed	Total
Failed	21 14.596	12 18.404	33
Passed	2 8.4038	17 10.596	19
Total	23	29	52

Effect of BLS class on test outcomes using non-binary data

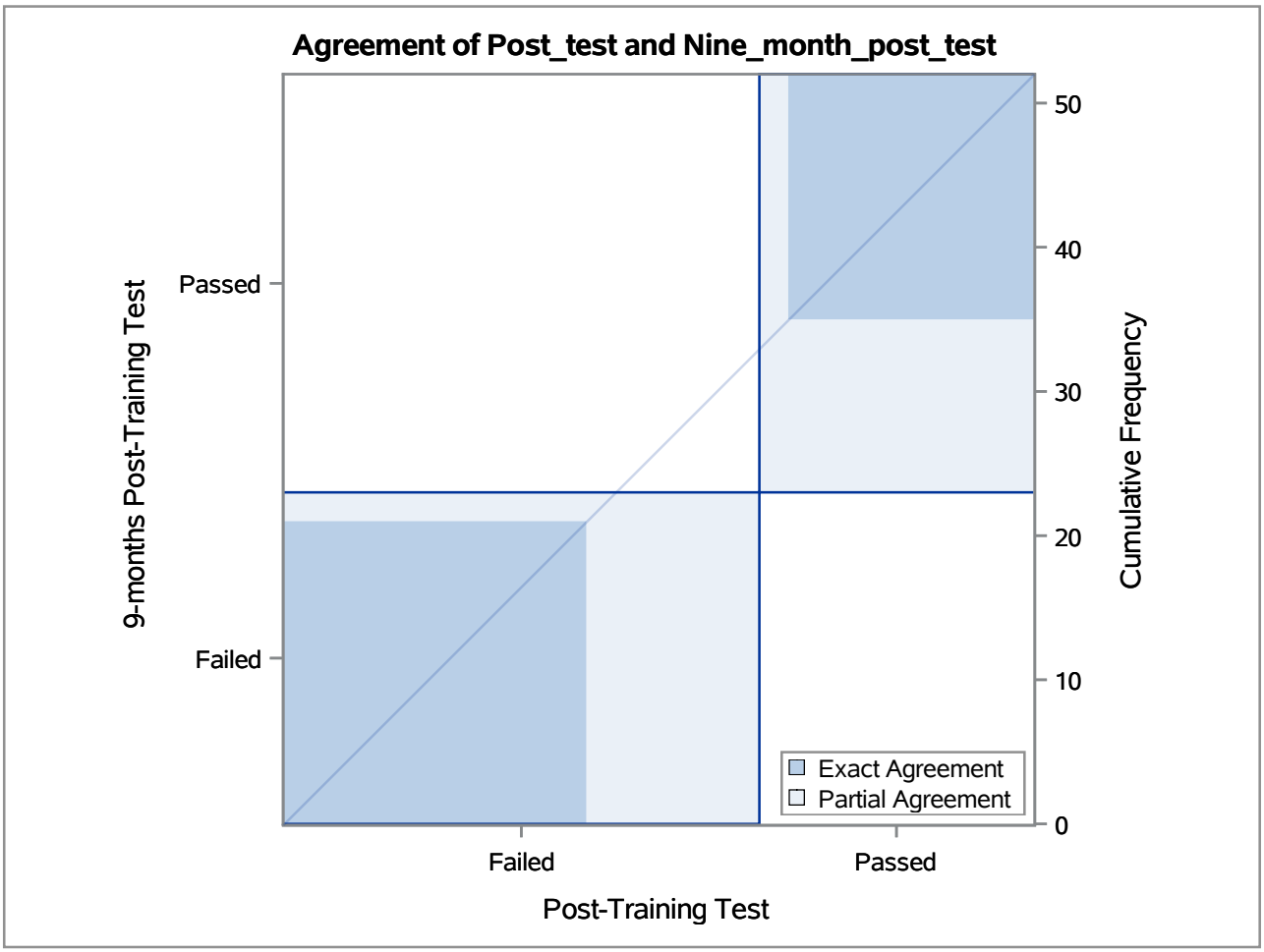
The FREQ Procedure

Statistics for Table 1 of Post_test by Nine_month_post_test
Controlling for Pre_test=Failed

McNemar's Test		
Chi-Square	DF	Pr > ChiSq
7.1429	1	0.0075

Simple Kappa Coefficient			
Estimate	Standard Error	95% Confidence Limits	
0.4778	0.1111	0.2601	0.6954

Sample Size = 52



Effect of BLS class on test outcomes using non-binary data

The FREQ Procedure

Frequency Expected

Table 2 of Post_test by Nine_month_post_test			
Controlling for Pre_test=Passed			
Post_test(Post-Training Test)	Nine_month_post_test(9-months Post-Training Test)		
	Failed	Passed	Total
Failed	0 0.3636	2 1.6364	2
Passed	2 1.6364	7 7.3636	9
Total	2	9	11

Statistics for Table 2 of Post_test by Nine_month_post_test Controlling for Pre_test=Passed

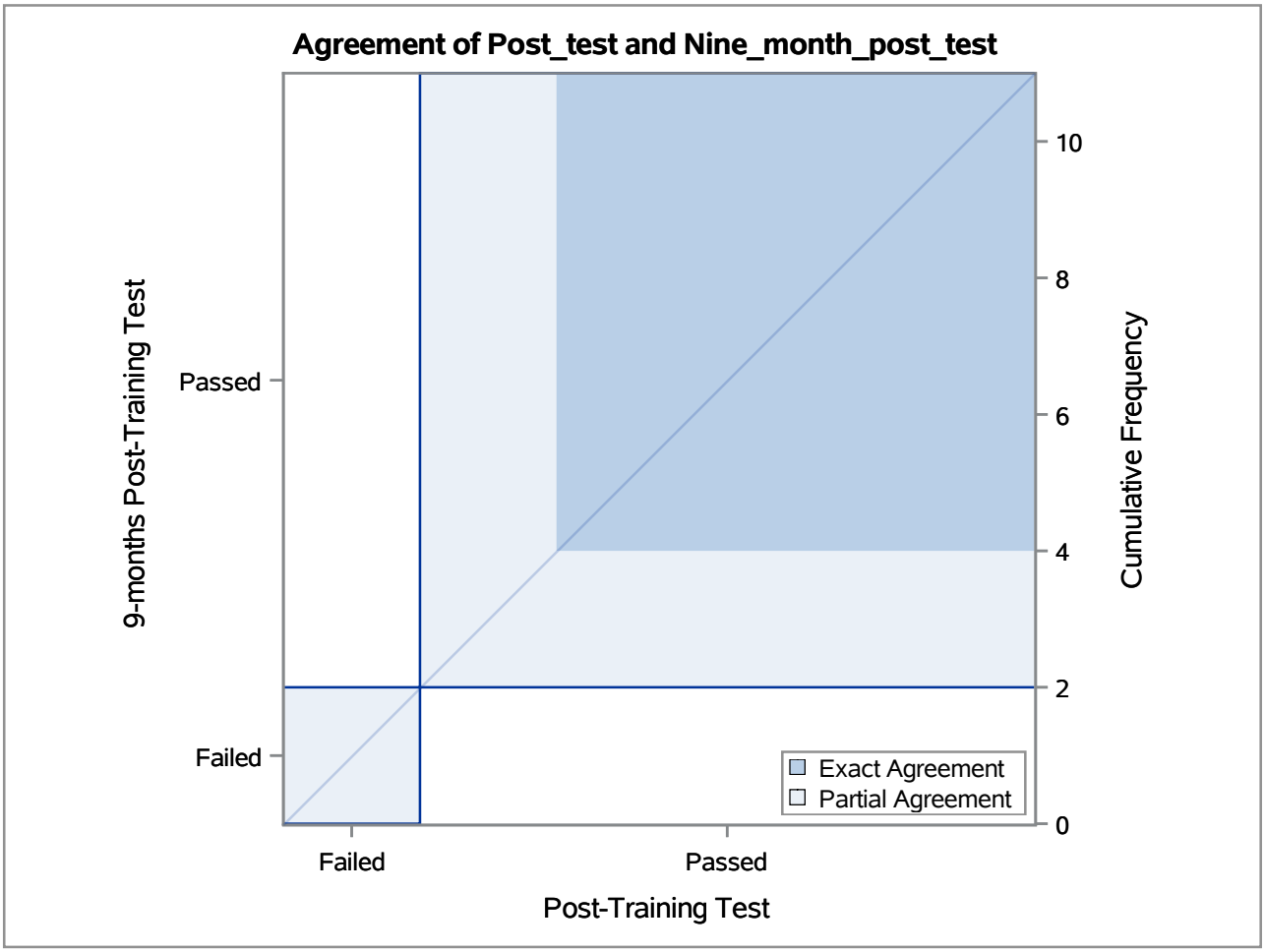
McNemar's Test		
Chi-Square	DF	Pr > ChiSq
0.0000	1	1.0000

Simple Kappa Coefficient			
Estimate	Standard Error	95% Confidence Limits	
-0.2222	0.1083	-0.4346	-0.0099

Sample Size = 11

Effect of BLS class on test outcomes using non-binary data

The FREQ Procedure



Effect of BLS class on test outcomes using non-binary data

The FREQ Procedure

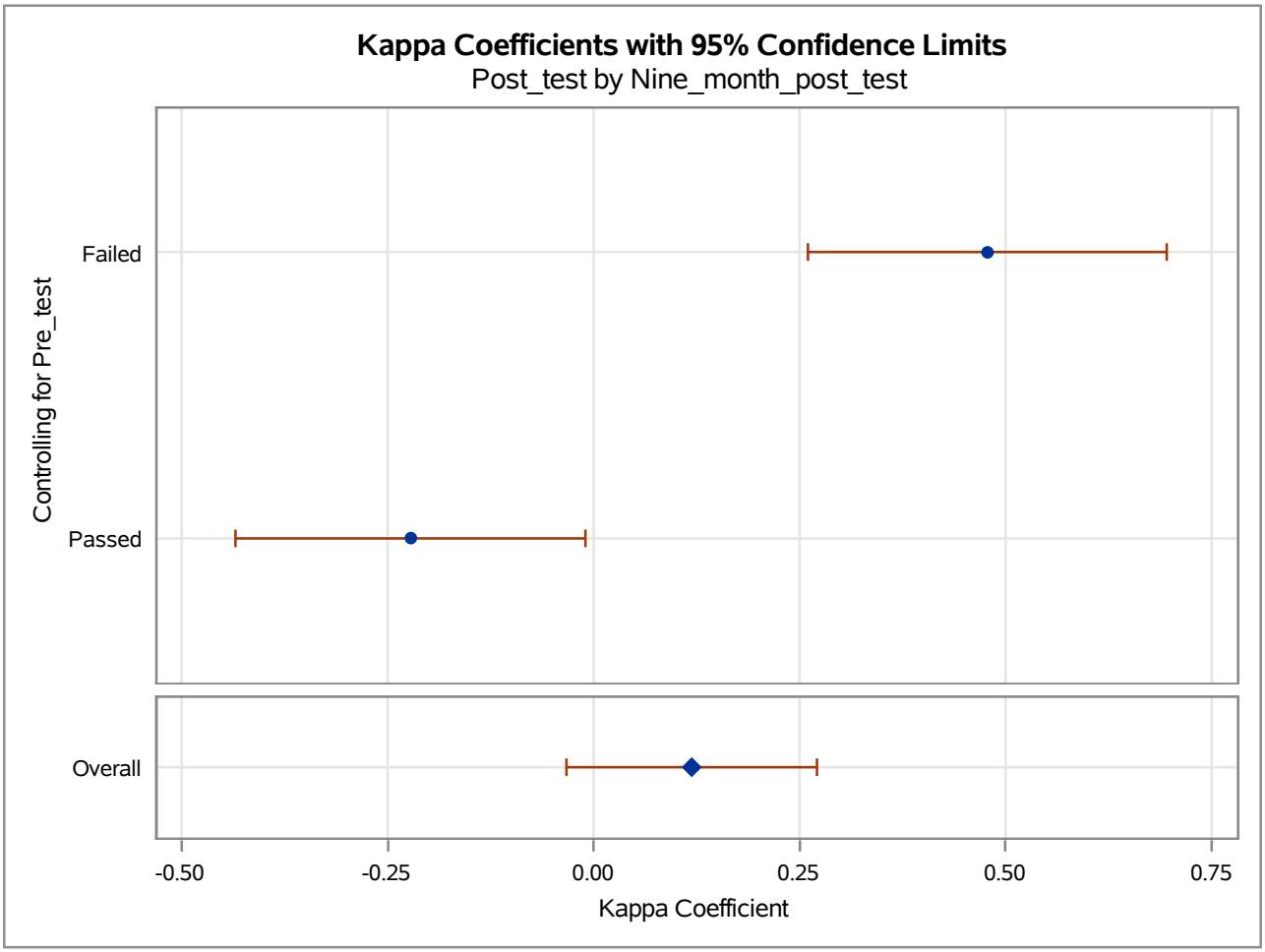
Summary Statistics for Post_test by Nine_month_post_test Controlling for Pre_test

Overall Kappa Coefficient			
Estimate	Standard Error	95% Confidence Limits	
0.1190	0.0776	-0.0330	0.2710

Test for Equal Kappas		
Chi-Square	DF	Pr > ChiSq
20.3547	1	<.0001

Cochran's Q, for Pre_test by Post_test by Nine_month_post_test		
Chi-Square	DF	Pr > ChiSq
31.9429	2	<.0001

Total Sample Size = 63



Effect of BLS class on test outcomes using binary(1,0) data

The FREQ Procedure

Pre_test_bin	Frequency	Percent
0	52	82.54
1	11	17.46

Post_test_bin	Frequency	Percent
0	35	55.56
1	28	44.44

Nine_month_post_test_bin	Frequency	Percent
0	25	39.68
1	38	60.32

Frequency
Expected

Table 1 of Post_test_bin by Nine_month_post_test_bin			
Controlling for Pre_test_bin=0			
	Nine_month_post_test_bin		
Post_test_bin	**0**	**1**	**Total**
0	21 14.596	12 18.404	33
1	2 8.4038	17 10.596	19
Total	23	29	52

Statistics for Table 1 of Post_test_bin by Nine_month_post_test_bin Controlling for Pre_test_bin=0

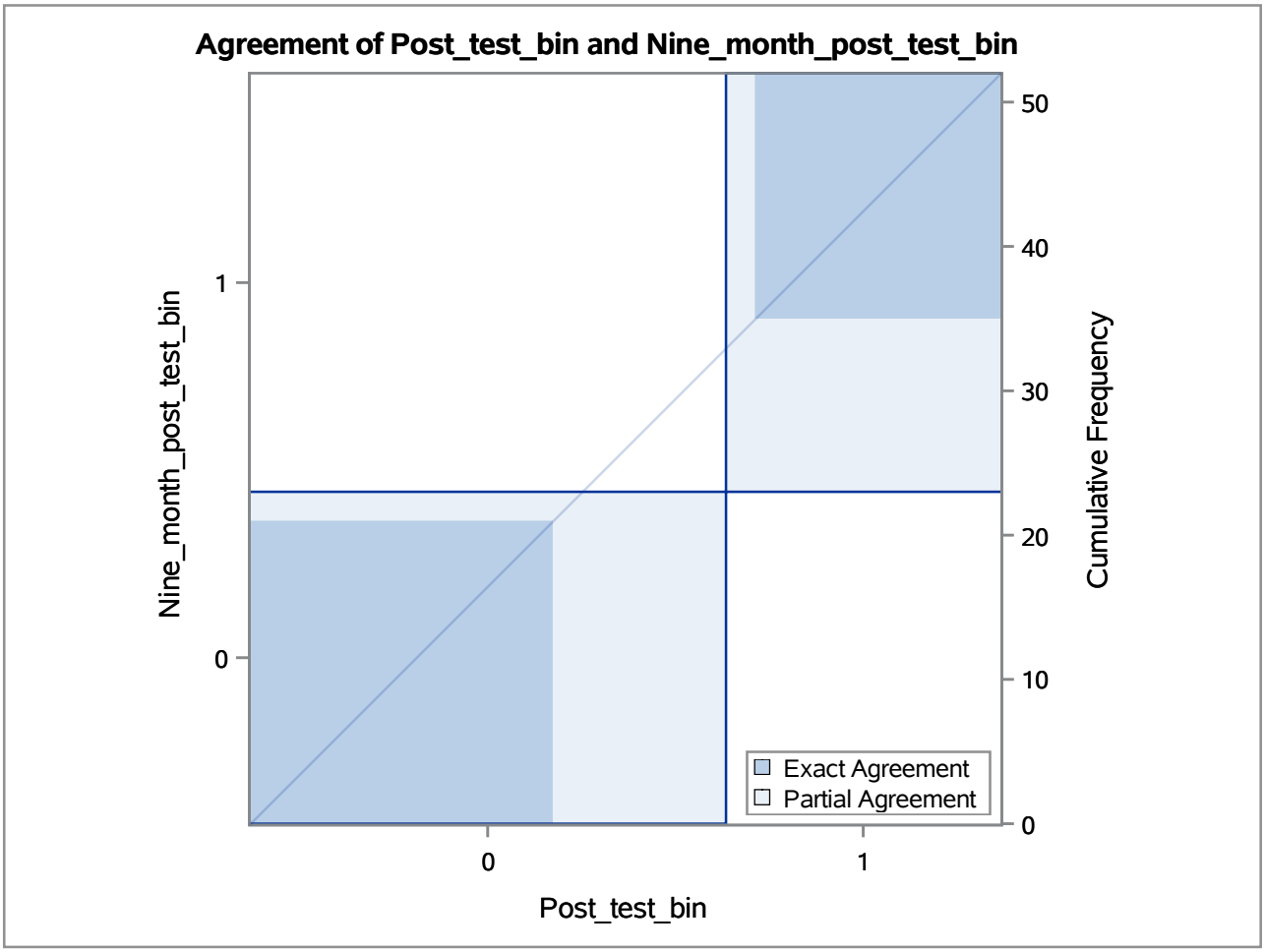
McNemar's Test		
Chi-Square	**DF**	**Pr > ChiSq**
7.1429	1	0.0075

Simple Kappa Coefficient			
Estimate	**Standard Error**	**95% Confidence Limits**	
0.4778	0.1111	0.2601	0.6954

Sample Size = 52

Effect of BLS class on test outcomes using binary(1,0) data

The FREQ Procedure



Frequency Expected

Table 2 of Post_test_bin by Nine_month_post_test_bin

Controlling for Pre_test_bin=1

Post_test_bin	Nine_month_post_test_bin 0	1	Total
0	0 0.3636	2 1.6364	2
1	2 1.6364	7 7.3636	9
Total	2	9	11

Effect of BLS class on test outcomes using binary(1,0) data

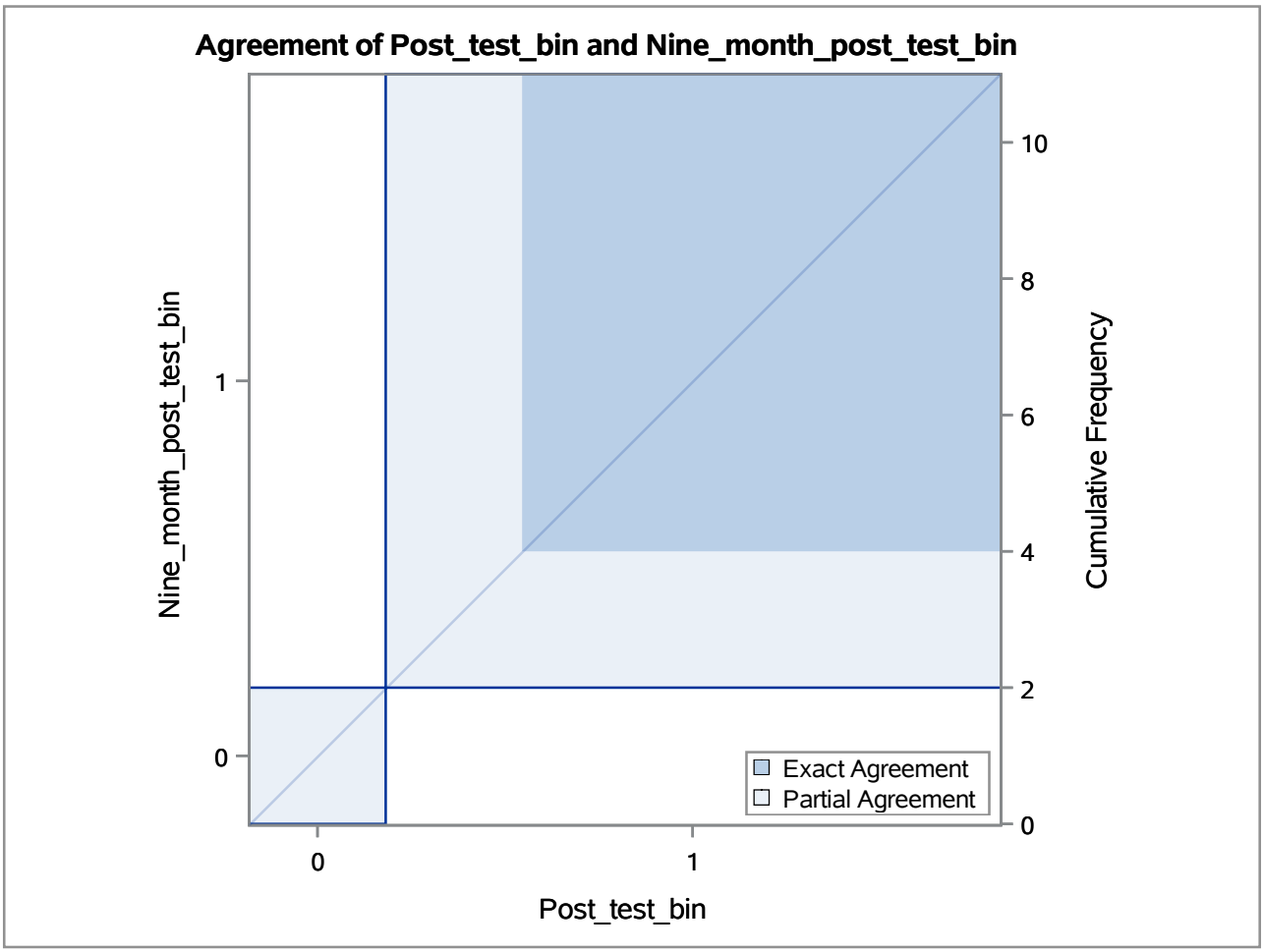
The FREQ Procedure

Statistics for Table 2 of Post_test_bin by Nine_month_post_test_bin
Controlling for Pre_test_bin=1

McNemar's Test		
Chi-Square	DF	Pr > ChiSq
0.0000	1	1.0000

Simple Kappa Coefficient			
Estimate	Standard Error	95% Confidence Limits	
-0.2222	0.1083	-0.4346	-0.0099

Sample Size = 11



Effect of BLS class on test outcomes using binary(1,0) data

The FREQ Procedure

Summary Statistics for Post_test_bin by Nine_month_post_test_bin Controlling for Pre_test_bin

Overall Kappa Coefficient			
Estimate	Standard Error	95% Confidence Limits	
0.1190	0.0776	-0.0330	0.2710

Test for Equal Kappas		
Chi-Square	DF	Pr > ChiSq
20.3547	1	<.0001

Cochran's Q, for Pre_test_bin by Post_test_bin by Nine_month_post_test_bin		
Chi-Square	DF	Pr > ChiSq
31.9429	2	<.0001

Total Sample Size = 63