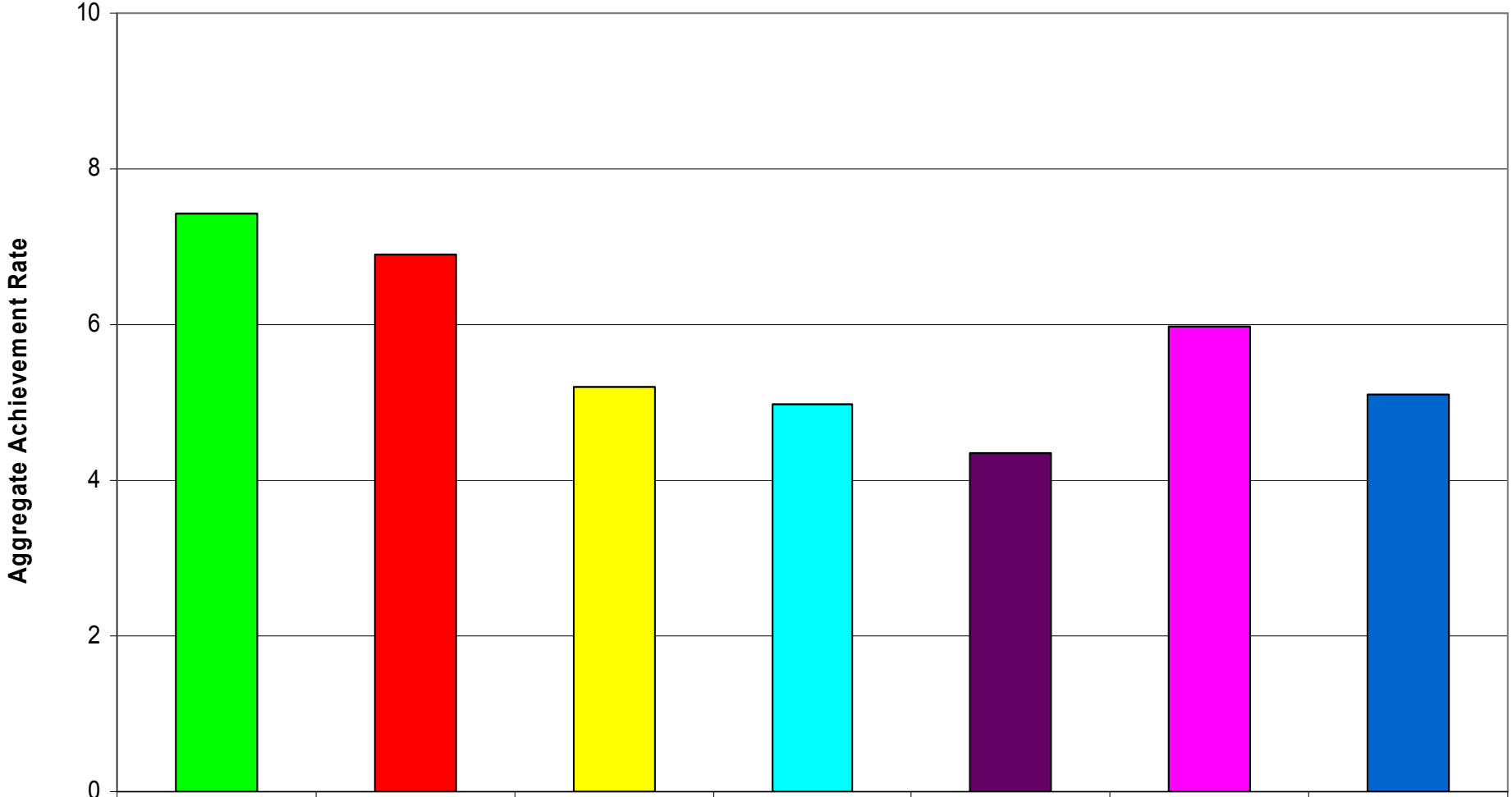
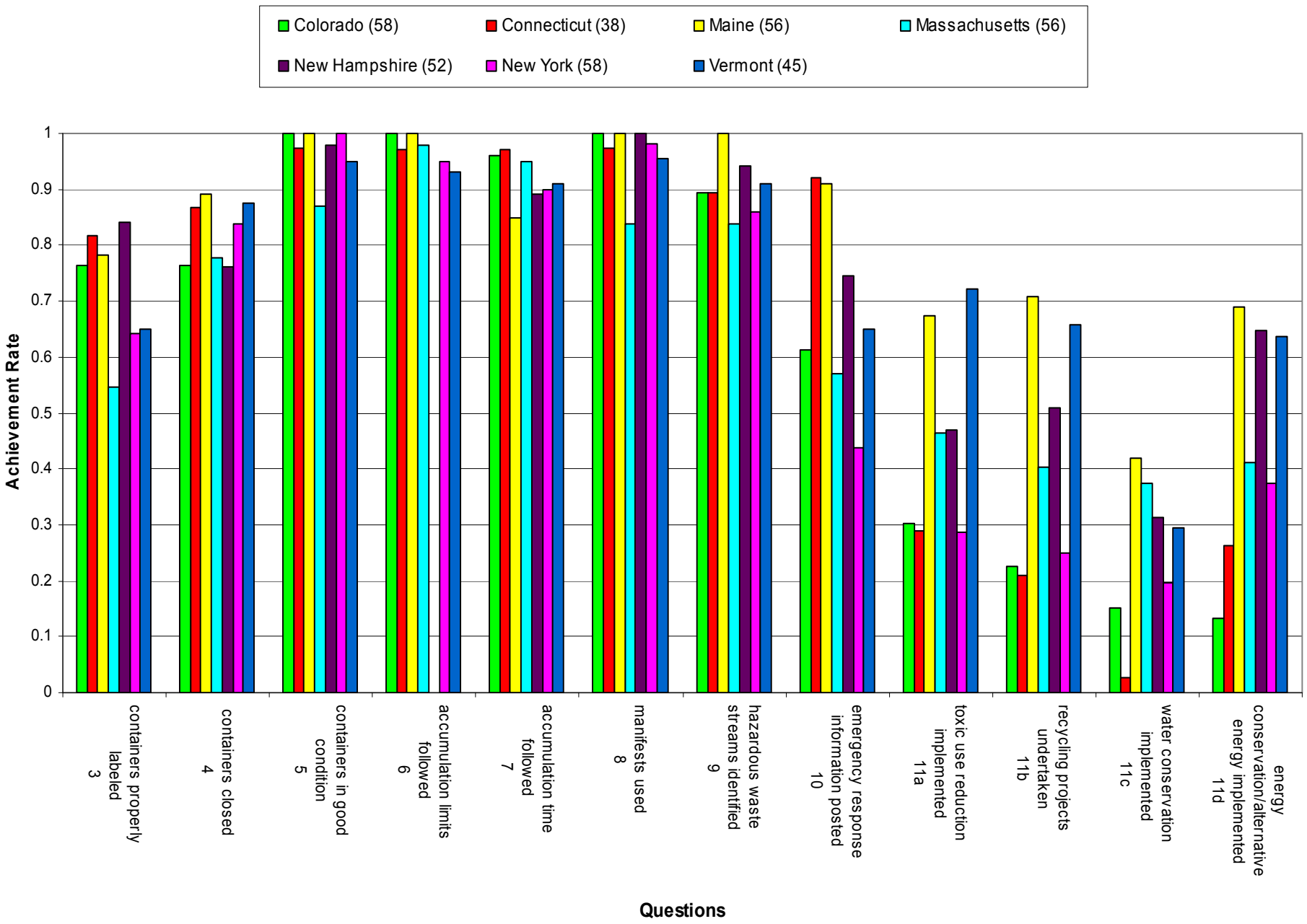
Common Measures Project Preliminary Data
Aggregate Achievement Rate For All EBPIs

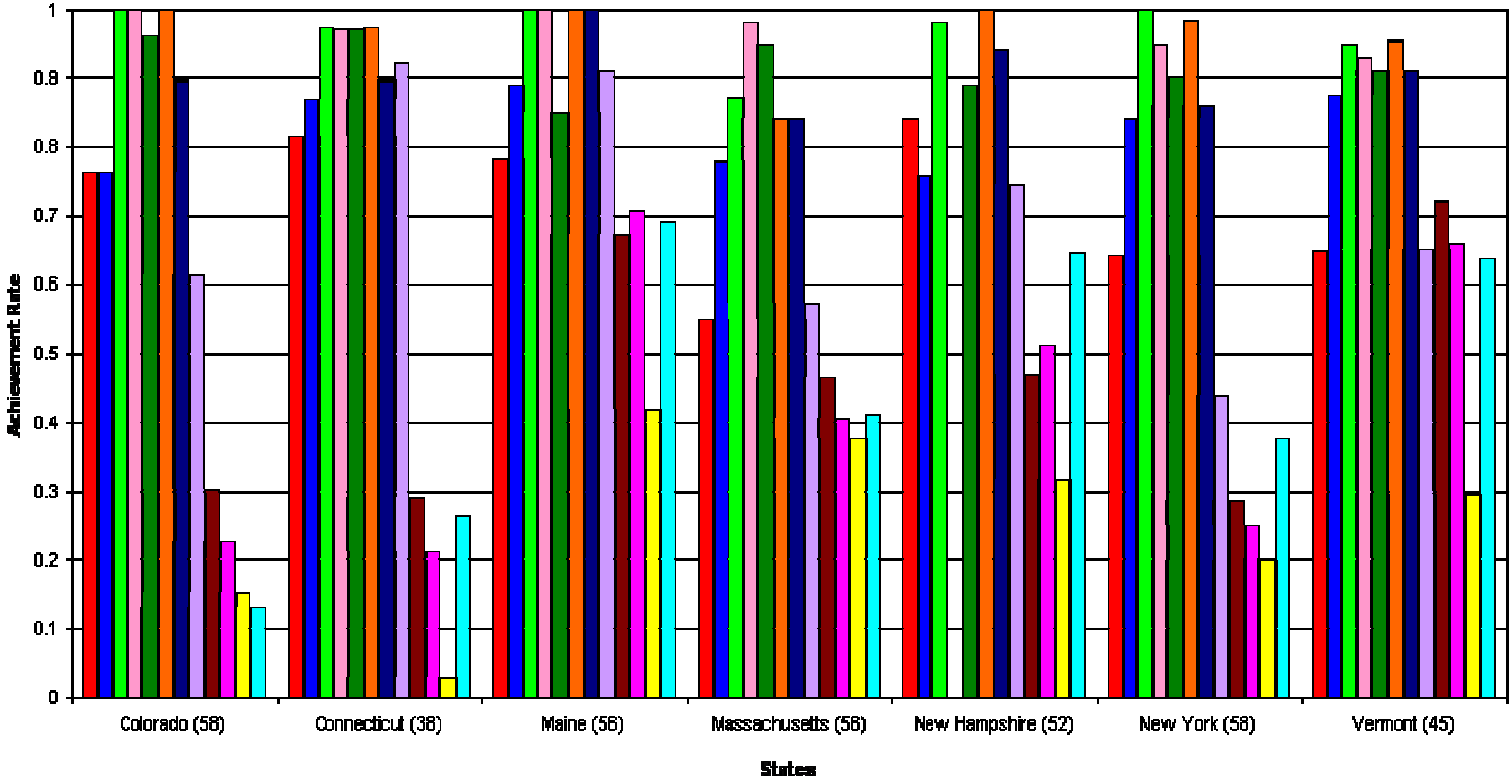


	Colorado (58)	Connecticut (38)	Maine (56)	Massachusetts (56)	New Hampshire (52)	New York (58)	Vermont (45)
State	7.429337232	6.889619883	5.199494949	4.98015873	4.362044818	5.986842105	5.104166667

Common Measures Project Preliminary Data
Achievement Rate for each Measure in each State (by Question)



Common Measures Project Preliminary Data
Achievement Rate for each Measure/EBPi in each State (by State)



- 3 containers properly labeled
- 4 containers closed
- 5 containers in good condition
- 6 accumulation limits followed
- 7 accumulation time followed
- 8 manifests used
- 9 hazardous waste streams identified
- 10 emergency response information posted
- 11a toxic use reduction implemented
- 11b recycling projects undertaken
- 11c water conservation implemented
- 11d energy conservation/alternative energy implemented

TABLE X11

COMPARISON OF MEAN FACILITY-WIDE COMPLIANCE SCORES FOR ALL INDICATORS AND INDIVIUDAL AGGREGATE GROUPS BASED ON INSPECTOR RESPONSES IN ROUND 1 (NH) AND ROUND 2 (CO)

All Indicators or Aggregate Group	ROUND 1 SCORES (NH)				ROUND 2 SCORES (CO)				Difference (CO-NH)			Student's *t*-Test	Conclusion[6]
	Number of Facilities[1]	Mean Score[2]	Confidence Limits[3]		Number of Facilities[1]	Mean Score[2]	Confidence Limits[3]		Difference[4]	Confidence Limits[3]			
			Lower	Upper			Lower	Upper		Lower	Upper	p value (x-sided)[5]	
Regulatory Indicators	51	7.66	7.11	8.17	57	9.17	8.81	9.47	0.44	0.16	0.87	0.00	R2 != R1
Beyond Compliance	51	4.64	3.33	5.98	57	0.94	0.34	1.81	1.79	-3.40	0.62	0.00	R2 != R1

Notes:

1 Independent random sample of facilities from each round

2 Mean facility-wide score across all indicators and for individual aggregate groups (score is scaled to be between 0 and 10).

3 X% 2-sided confidence limit for the mean (or difference between means) calculated using Student's *t* statistic

4 Mean facility-wide score for facilities in Round 2 (CO) minus mean score for Round 1 (NH)

5 Test result (p value) for x-sided Student's *t*-test. Significance level set at $\alpha = x$.

6 Conclusions for the 2-sided alternative:

R2 (CO) =R1 (NH) The mean compliant score from Round 2 (CO) is equal to the mean score from Round 1 (NH)
R2! (CO) =R1 (NH) The mean compliant score from Round 2 (CO) is not equal to the mean score from Round 1 (NH)

Conclusions for the 1-sided alternatives:

R2 (CO) <=R1 (NH) The mean compliant score from Round 2 (CO) is less than or equal to the mean score from Round 1 (NH)
R2! (CO) >R1 (NH) The mean compliant score from Round 2 (CO) is greater than the mean score from Round 1 (NH)

R2 (CO) >=R1 (NH) The mean compliant score from Round 2 (CO) is greater than or equal to the mean score from Round 1 (NH)
R2! (CO) <R1 (NH) The mean compliant score from Round 2 (CO) is less than the mean score from Round 1 (NH)

Reference

Agresti, A. 2007. *An Introduction to Categorical Data Analysis*. 2nd Edition. John Wiley & Sons Inc., New York, New York.

TABLE X10

COMPARISON OF COMPLIANCE REPORTED BY INSPECTORS FOR INDIVIDUAL INDICATORS IN ROUND 1 (NH) AND ROUND 2 (CO)

Aggregate Group	Indicator	Question	ROUND 1 (NH) RESPONSES			ROUND 2 (CO) RESPONSES			Difference (CO-NH)			Fisher's Exact Test (x-sided)[5]	Conclusion[6]
			Number of Facilities[1]	Number of Compliant Responses	Proportion Compliant (p)[2]	Number of Facilities[1]	Number of Compliant Responses	Proportion Compliant (p)[2]	Difference[3]	Confidence Limits[4] Lower	Confidence Limits[4] Upper		
Regulatory Indicators	3	containers properly labeled	51	42	0.824	57	42	0.737	-0.087	-0.242	0.068	0.464	R2 = R1
Regulatory Indicators	4	containers closed	51	38	0.745	57	42	0.737	-0.008	-0.174	0.157	1.00	R2 = R1
Regulatory Indicators	5	containers in good condition	51	49	0.961	57	55	0.965	0.004	-0.067	0.076	0.476	R2 = R1
Regulatory Indicators	6	accumulation limits followed	51	N/A	N/A	57	57	1.00	1.00	1.00	1.00	1.00	R2 = R1
Regulatory Indicators	7	accumulation time followed	51	41	0.804	57	55	0.965	0.161	0.042	0.28	0.238	R2 = R1
Regulatory Indicators	8	manifests used	51	51	1.00	57	57	1.00	N/A	N/A	N/A	1.00	R2 = R1
Regulatory Indicators	9	hazardous waste streams identified	51	48	0.941	57	51	0.895	-0.046	-0.149	0.056	0.495	R2 = R1
Regulatory Indicators	10	emergency response information posted	51	38	0.745	57	35	0.614	-0.131	-0.305	0.043	0.157	R2 = R1
Beyond Compliance	11a	recycling projects undertaken	51	24	0.471	57	16	0.281	-0.19	-0.37	-0.01	0.107	R2 = R1
Beyond Compliance	11b	water conservation implemented	51	26	0.51	57	12	0.211	-0.299	-0.473	-0.126	0.004	R2 != R1
Beyond Compliance	11c	conservation/alternative energy implemented	51	16	0.314	57	8	0.14	-0.173	-0.329	-0.017	0.063	R2 = R1
Beyond Compliance	11d	toxic use reduction implemented	51	33	0.647	57	7	0.123	-0.524	-0.681	-0.368	0	R2 != R1

Notes:

1 Independent random sample of facilities from each round

2 p= number of compliant responses/number of facilities

3 Proportion of compliant responses in Round 2 (CO) minus proportion of compliant responses in Round 1 (NH)

4 X% 2-sided confidence limits for the difference between independent proportions calculated following Agresti (2007)

5 Test result (p value) for Fisher's exact test. Significance level is set at $\alpha = x$.

6 Conclusions for the 2-sided alternative:

R2 (CO) = R1 (NH) The proportion of compliant responses from Round 2 (CO) is equal to the proportion from Round 1 (NH)

R2! (CO) = R1 (NH) The proportion of compliant responses from Round 2 (CO) is not equal to the proportion from Round 1(NH)

Conclusions for the 1-sided alternatives:

R2 (CO) = R1 (NH) Proportion of compliant responses from Round 2 (CO) is less than or equal to the proportion of compliant responses from Round 1(NH)

R2! (CO) = R1 (NH) Proportion of compliant responses from Round 2 (CO) is greater than the proportion of compliant responses from Round 1(NH)

R2 (CO) = R1 (NH) Proportion of compliant responses from Round 2 (CO) is greater than or equal to the proportion of compliant responses from Round 1 (NH)

R2! (CO) = R1 (NH) Proportion of compliant responses from Round 2 (CO) is less than the proportion of compliant responses from Round 1 (NH)