

Study Condition	0 100%	0 100%	0 100%	1 100%	1 100%	1 100%	2 100%	2 100%	2 100%
	0 75%	1 75%	2 75%	0 75%	1 75%	2 75%	0 75%	1 75%	2 75%
Control	28.9	23.7	5.3	13.2	13.2	2.6	5.3	5.3	2.6
Comparison Only	46.2	20.5	12.8	17.9	2.6	0	0	0	0
Explanation Only	16.7	7.1	2.4	54.8	2.4	0	14.3	0	2.4
Both Comparison and Explanation	28.9	5.3	5.3	28.9	7.9	2.6	15.8	0	5.3

Table S3: Percentage of participants in each condition who discovered each combination of rules in Experiment 1.

Study Condition	0 100%	0 100%	0 100%	1 100%	1 100%	1 100%	2 100%	2 100%	2 100%
	0 75%	1 75%	2 75%	0 75%	1 75%	2 75%	0 75%	1 75%	2 75%
Individual Explanation (Within)	27.0	14.3	7.9	38.1	3.2	1.6	7.9	0	0
Group Explanation (Within)	27.7	7.7	3.1	27.7	9.2	4.6	16.9	1.5	1.5
Individual Explanation (Within + Between)	29.5	3.3	0	44.3	3.3	4.9	11.5	1.6	1.6
Group Explanation (Within + Between)	25.4	12.7	4.8	34.9	11.1	3.2	4.8	3.2	0
Pairwise Comparison (Within)	50.8	20.6	1.6	15.9	4.8	0	6.3	0	0
Group Comparison (Within)	40.3	11.3	6.5	24.2	8.1	4.8	3.2	1.6	0
Pairwise Comparison (Within + Between)	53.8	15.4	5.8	17.3	1.9	0	5.8	0	0
Group Comparison (Within+ Between)	36.8	7.4	8.8	20.6	11.8	2.9	8.8	1.5	1.5

Table S4: Percentage of participants in each condition who discovered each combination of rules in Experiment 2.

Study Condition	0 100%	0 100%	0 100%	1 100%	1 100%	1 100%	2 100%	2 100%	2 100%
	0 75%	1 75%	2 75%	0 75%	1 75%	2 75%	0 75%	1 75%	2 75%
Group Comparison	42.9	12.2	12.2	18.4	4.1	4.1	2.0	2.0	2.0
Pairwise Comparison	56.0	16.0	4.0	14.0	4.0	2.0	4.0	0	0
Group Explanation	20.0	11.1	4.4	44.4	4.4	4.4	6.7	4.4	0
Individual Explanation	33.3	6.3	2.1	50.0	4.2	0	4.2	0	0
Group Control	31.4	25.5	7.8	13.7	7.8	5.9	7.8	0	0
Individual Control	39.0	17.1	0	24.4	2.4	4.9	9.8	2.4	0

Table S5: Percentage of participants in each condition who discovered each combination of rules in Experiment 3.