Supporting Materials

Study 1a-b

Here, we include descriptive statistics about the events used in Study 1a and 1b.

Table 1a: Average possibility judgments for each event

Table 1: Possibility Judgments

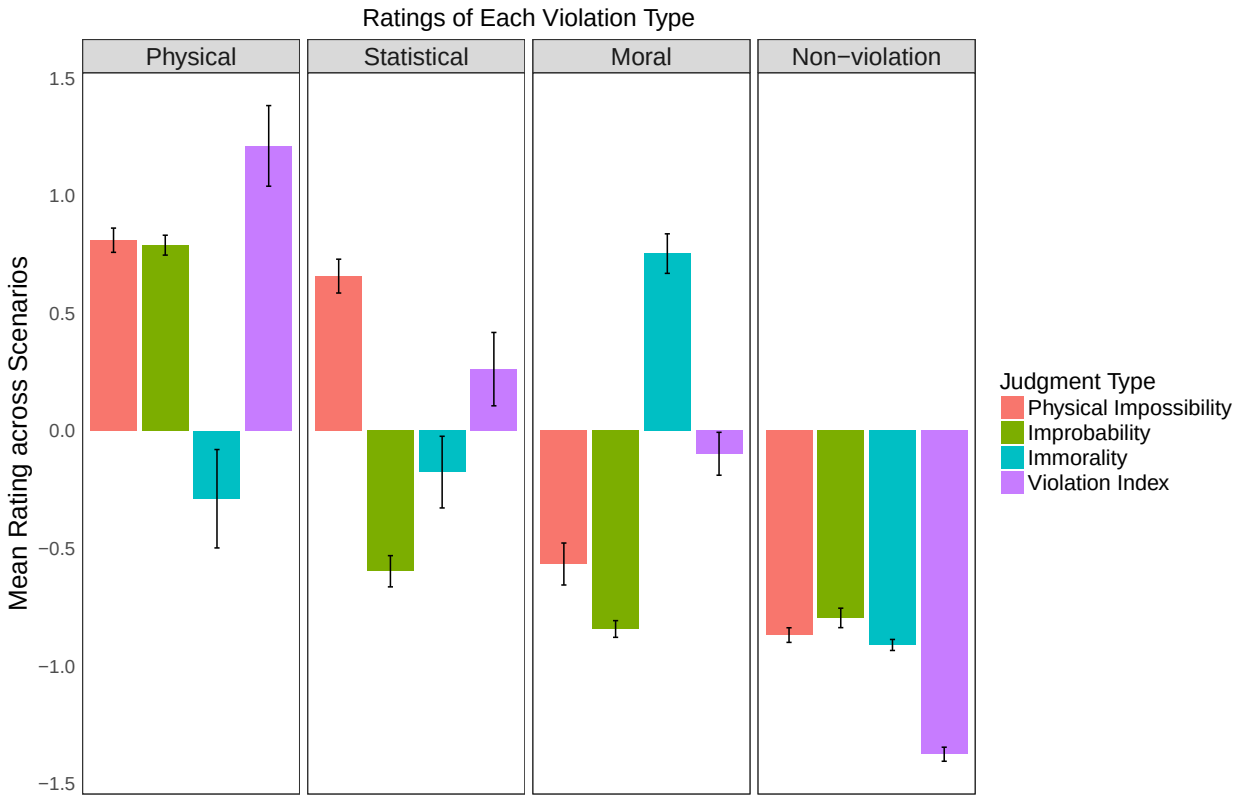
Violation Type	Scenario	4-5-year-olds	6-7-year-olds	Adults
Physical violation	Ball	80.00000	80.00000	88.235294
Physical violation	Basketball	91.66667	87.50000	94.736842
Physical violation	Best Friend	66.66667	100.00000	85.185185
Physical violation	Candy Bar	75.00000	100.00000	100.000000
Physical violation	Chores	64.28571	91.66667	89.473684
Physical violation	Movie	66.66667	91.66667	100.000000
Physical violation	School	54.54545	75.00000	95.000000
Physical violation	T-Shirt	75.00000	100.00000	92.000000
Probability violation	Ball	75.00000	53.84615	11.764706
Probability violation	Basketball	50.00000	28.57143	38.888889
Probability violation	Best Friend	100.00000	63.63636	75.000000
Probability violation	Candy Bar	77.77778	92.30769	60.000000
Probability violation	Chores	55.55556	25.00000	23.809524
Probability violation	Movie	30.76923	75.00000	15.789474
Probability violation	School	71.42857	83.33333	26.315790
Probability violation	T-Shirt	75.00000	70.00000	25.000000
Non-violation	Ball	58.33333	0.00000	0.000000
Non-violation	Basketball	36.36364	15.38462	4.000000
Non-violation	Best Friend	18.18182	0.00000	5.882353
Non-violation	Candy Bar	57.14286	0.00000	5.263158
Non-violation	Chores	30.00000	0.00000	5.263158
Non-violation	Movie	33.33333	28.57143	15.789474
Non-violation	School	18.18182	0.00000	0.000000
Non-violation	T-Shirt	25.00000	14.28571	0.000000
Moral violation	Ball	50.00000	50.00000	8.695652
Moral violation	Basketball	28.57143	33.33333	5.882353
Moral violation	Best Friend	87.50000	27.27273	6.666667
Moral violation	Candy Bar	58.33333	63.63636	0.000000
Moral violation	Chores	71.42857	20.00000	10.000000
Moral violation	Movie	83.33333	22.22222	0.000000
Moral violation	School	63.63636	50.00000	0.000000
Moral violation	T-Shirt	58.33333	60.00000	5.882353

Table 1b: Average physical impossibility, immorailty, and improbability rating for each event

Table 2: Event Ratings

Violation Type	Scenario	Immorality	Improbability	Physical Imossibility	Violation Index
Physical violation	Ball	-0.6000000	0.7647059	0.8333333	1.003286372
Physical violation	Basketball	-1.0000000	0.5000000	0.7600000	0.511985470
Physical violation	Best Friend	0.2500000	0.8823529	0.7500000	1.591959876
Physical violation	Candy Bar	-0.3333333	0.8181818	0.9047619	1.263949040
Physical violation	Chores	-1.0000000	1.0000000	0.5652174	0.715163806
Physical violation	Movie	0.6000000	0.9047619	0.9090909	1.945770840
Physical violation	School	-0.4285714	0.8000000	0.7000000	1.052140493
Physical violation	T-Shirt	0.2000000	0.8095238	0.8888889	1.602650599
Probability violation	Ball	-0.0909091	0.5833333	-0.8260870	0.116793697
Probability violation	Basketball	-0.1000000	0.3636364	-0.5555556	0.144581692
Probability violation	Best Friend	0.4117647	0.8181818	-0.2727273	0.976113175
Probability violation	Candy Bar	0.0000000	0.6800000	-0.6190476	0.379482654
Probability violation	Chores	-0.7000000	0.8400000	-0.4782609	0.113732778
Probability violation	Movie	-0.5000000	0.3846154	-0.8260870	-0.287814939
Probability violation	School	-0.7272727	0.6800000	-0.7000000	-0.158539874
Probability violation	T-Shirt	0.3000000	0.9090909	-0.5000000	0.810938106
Non-violation	Ball	-0.9230769	-0.8260870	-0.9200000	-1.437912076
Non-violation	Basketball	-1.0000000	-0.8461538	-0.6800000	-1.342712584
Non-violation	Best Friend	-0.8400000	-0.9200000	-0.7600000	-1.338616067
Non-violation	Candy Bar	-0.9230769	-0.7600000	-0.8400000	-1.340664325
Non-violation	Chores	-1.0000000	-0.9259259	-0.5833333	-1.331466128
Non-violation	Movie	-0.8333333	-0.7500000	-0.8400000	-1.274266613
Non-violation	School	-0.8518519	-0.9200000	-0.8181818	-1.385236361
Non-violation	T-Shirt	-0.9130435	-1.0000000	-0.9230769	-1.549052362
Moral violation	Ball	0.7600000	-0.6000000	-0.8333333	-0.109319602
Moral violation	Basketball	0.9200000	-0.2500000	-0.9166667	0.174705574
Moral violation	Best Friend	0.7600000	-0.2800000	-0.8400000	0.099261387
Moral violation	Candy Bar	0.8461538	-0.6000000	-0.9166667	-0.107442032
Moral violation	Chores	1.0000000	-0.8518519	-0.6521739	0.003385738
Moral violation	Movie	0.9200000	-0.3600000	-0.9200000	0.099261387
Moral violation	School	0.2800000	-0.9230769	-0.7391304	-0.581205703
Moral violation	T-Shirt	0.5384615	-0.6666667	-0.9230769	-0.360914019

Figure S1: Mean ratings of events in each of the four a priori categories



Study 2a-b

Here, we include descriptive statistics about the events used in Study 2a and 2 b.

Table 2a: Average magic judgments for each event

Table 3: Magic Judgments

Violation Type	Scenario	3-year-olds	4-5-year-olds	6-7-year-olds	Adults
Physical violation	Ball	100.00000	88.888889	100.000000	90.476191
Physical violation	Basketball	42.85714	87.500000	100.000000	95.652174
Physical violation	Best Friend	87.50000	90.909091	92.307692	95.833333
Physical violation	Candy Bar	100.00000	100.000000	100.000000	95.652174
Physical violation	Chores	57.14286	60.000000	94.444444	93.750000
Physical violation	Movie	75.00000	82.352941	91.666667	95.000000
Physical violation	School	100.00000	70.000000	100.000000	80.000000
Physical violation	T-Shirt	75.00000	80.000000	100.000000	86.666667
Probability violation	Ball	50.00000	12.500000	9.090909	7.142857
Probability violation	Basketball	0.00000	50.000000	11.111111	4.545454
Probability violation	Best Friend	50.00000	20.000000	0.000000	4.347826
Probability violation	Candy Bar	55.55556	27.272727	38.461539	12.500000
Probability violation	Chores	40.00000	25.000000	16.666667	0.000000
Probability violation	Movie	75.00000	12.500000	0.000000	8.695652
Probability violation	School	66.66667	0.000000	7.142857	7.692308
Probability violation	T-Shirt	50.00000	15.384615	0.000000	10.526316
Non-violation	Ball	0.00000	0.000000	0.000000	0.000000
Non-violation	Basketball	40.00000	30.000000	0.000000	0.000000
Non-violation	Best Friend	33.33333	0.000000	0.000000	0.000000
Non-violation	Candy Bar	0.00000	0.000000	0.000000	0.000000
Non-violation	Chores	66.66667	27.272727	0.000000	0.000000
Non-violation	Movie	62.50000	0.000000	0.000000	0.000000
Non-violation	School	25.00000	16.666667	0.000000	0.000000
Non-violation	T-Shirt	37.50000	0.000000	0.000000	0.000000
Moral violation	Ball	80.00000	7.692308	0.000000	0.000000
Moral violation	Basketball	50.00000	12.500000	0.000000	6.666667
Moral violation	Best Friend	60.00000	11.111111	0.000000	0.000000
Moral violation	Candy Bar	80.00000	61.538461	15.384615	0.000000
Moral violation	Chores	100.00000	63.636364	22.222222	0.000000
Moral violation	Movie	100.00000	27.272727	20.000000	10.526316
Moral violation	School	33.33333	38.461539	0.000000	0.000000
Moral violation	T-Shirt	50.00000	16.666667	20.000000	12.500000

Table 2b: Average physical impossibility, immorailty, and improbability rating for each event

Table 4: Event Ratings

Violation Type	Scenario	Immorality	Improbability	Physical Imossibility	Violation Index
Physical violation	Ball	-0.3333333	1.0000000	0.9047619	1.51623899
Physical violation	Basketball	-0.5000000	0.8888889	0.8518519	1.31579649
Physical violation	Best Friend	0.1428571	1.0000000	1.0000000	1.86260365
Physical violation	Candy Bar	-1.0000000	0.8888889	1.0000000	1.10252566
Physical violation	Chores	-0.7777778	0.8333333	0.9130435	1.15084102
Physical violation	Movie	-0.4285714	0.7500000	0.9090909	1.30960099
Physical violation	School	-0.1111111	1.0000000	0.9090909	1.65356033
Physical violation	T-Shirt	0.6000000	1.0000000	0.8518519	2.04989712
Probability violation	Ball	-1.0000000	-0.2307692	-0.7500000	-0.63688358
Probability violation	Basketball	-0.9000000	0.1304348	-0.6521739	-0.29803411
Probability violation	Best Friend	-0.7600000	-0.0833333	-0.8260870	-0.44816311
Probability violation	Candy Bar	-1.0000000	0.3636364	-1.0000000	-0.42812621
Probability violation	Chores	-0.4782609	0.0000000	-1.0000000	-0.33229410
Probability violation	Movie	-0.9166667	-0.2000000	-0.9200000	-0.67076515
Probability violation	School	-0.5000000	-0.4166667	-0.7500000	-0.44649404
Probability violation	T-Shirt	-1.0000000	-0.2727273	-0.9259259	-0.76895136
Non-violation	Ball	-1.0000000	-0.6800000	-0.8260870	-0.95529869
Non-violation	Basketball	-0.9130435	-0.8260870	-1.0000000	-1.09655523
Non-violation	Best Friend	-1.0000000	-1.0000000	-0.9166667	-1.20416671
Non-violation	Candy Bar	-1.0000000	-0.7500000	-0.8461538	-1.00989167
Non-violation	Chores	-0.9090909	-0.8518519	-1.0000000	-1.10977651
Non-violation	Movie	-0.9200000	-0.8400000	-0.8461538	-1.01595305
Non-violation	School	-1.0000000	-1.0000000	-1.0000000	-1.25467822
Non-violation	T-Shirt	-1.0000000	-0.9090909	-0.8518519	-1.10977651
Moral violation	Ball	0.6800000	-0.8400000	-0.9200000	-0.09089299
Moral violation	Basketball	0.8400000	-0.1666667	-0.8518519	0.45552932
Moral violation	Best Friend	0.6923077	-0.7500000	-1.0000000	-0.07737145
Moral violation	Candy Bar	1.0000000	-0.5000000	-0.9200000	0.30915818
Moral violation	Chores	0.7600000	-0.8518519	-1.0000000	-0.09807685
Moral violation	Movie	0.9166667	-0.6800000	-0.7692308	0.24092878
Moral violation	School	0.4074074	-0.7500000	-0.7391304	-0.09193738
Moral violation	T-Shirt	0.7692308	-0.7142857	-0.6923077	0.17740640

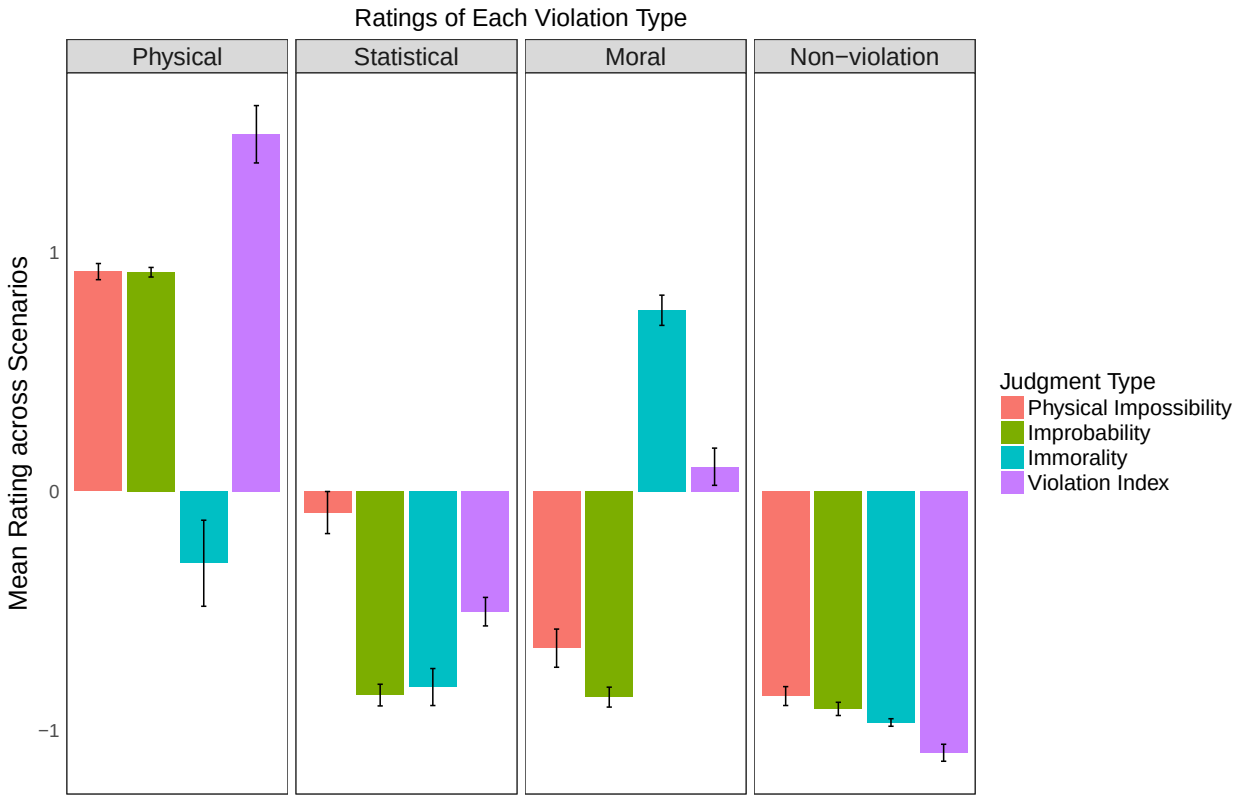



Figure S2: Mean ratings of events in each of the four a priori categories