

Table 1: Stimuli used in Experiment 1. Estimates are proportion agreement for truth judgments and Maximum A-Posteriori (MAP) estimates for prevalence. Brackets denote 95% confidence intervals for truth judgments and 95% credible intervals for prevalences.

Conceptual type	Item	Truth judgment	Prevalence
Majority characteristic	1. Leopards have spots.	0.956 [0.912, 0.989]	92.7 [85.9, 99.0]
	2. Ducks have wings.	0.945 [0.89, 0.989]	98.5 [95.2, 99.9]
	3. Cardinals are red.	0.989 [0.967, 1]	75.5 [62.1, 86.9]
	4. Swans are white.	0.901 [0.835, 0.967]	67.3 [57.1, 73.8]
	5. Peacocks have beautiful feathers.	0.989 [0.967, 1]	92.0 [77.7, 100]
Minority characteristic	6. Lions have manes.	0.945 [0.89, 0.989]	54.3 [48.1, 63.0]
	7. Kangaroos have pouches.	0.967 [0.923, 1]	69.9 [65.8, 79.6]
	8. Robins lay eggs.	0.934 [0.879, 0.978]	68.5 [61.1, 74.9]
Striking	9. Sharks attack swimmers.	0.879 [0.813, 0.945]	41.8 [32.0, 54.7]
	10. Mosquitos carry malaria.	0.989 [0.967, 1]	47.2 [38.1, 52.9]
	11. Ticks carry Lyme disease.	0.967 [0.923, 1]	42.6 [40.0, 54.2]
False generalization	12. Tigers eat people.	0.692 [0.593, 0.78]	37.3 [23.3, 49.9]
	13. Robins are female.	0.429 [0.33, 0.527]	51.9 [47.8, 55.4]
	14. Lions are male.	0.571 [0.473, 0.67]	49.9 [46.6, 53.9]
	15. Swans are full-grown.	0.725 [0.637, 0.802]	59.7 [51.0, 66.0]
	16. Leopards are juvenile.	0.143 [0.077, 0.22]	28.3 [22.9, 38.2]
False or Uncertain	17. Sharks are white.	0.341 [0.253, 0.44]	32.2 [15.8, 44.6]
	18. Leopards have wings.	0.022 [0, 0.055]	1.0 [0.0, 4.1]
	19. Kangaroos have spots.	0.033 [0, 0.077]	5.0 [0.1, 13.5]
	20. Tigers have pouches.	0.011 [0, 0.033]	2.0 [0.0, 12.3]
	21. Robins carry malaria.	0.055 [0.011, 0.099]	5.4 [1.6, 9.1]
	22. Sharks have manes.	0.044 [0.011, 0.099]	0.3 [0.0, 5.7]
	23. Lions lay eggs.	0 [0, 0]	0.1 [0.0, 4.3]
	24. Sharks don't attack swimmers.	0.231 [0.154, 0.319]	59.3 [49.8, 75.1]
	25. Ticks don't carry Lyme disease.	0.044 [0.011, 0.088]	55.1 [46.6, 60.8]
	26. Mosquitos don't carry malaria.	0.077 [0.033, 0.132]	58.7 [50.5, 65.3]
	27. Tigers don't eat people.	0.297 [0.198, 0.385]	65.3 [56.9, 97.7]
	28. Peacocks don't have beautiful feathers.	0.022 [0, 0.055]	17.4 [0.5, 27.5]
	29. Mosquitos attack swimmers.	0.385 [0.286, 0.495]	26.5 [8.4, 39.2]
	30. Sharks lay eggs.	0.088 [0.033, 0.143]	18.5 [0.6, 41.3]