

Selective sampling and inductive inference: Drawing inferences based on observed and  
missing evidence

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## Abstract

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13 We propose and test a Bayesian model of property induction with evidence that has been  
14 selectively sampled leading to “censoring” or exclusion of potentially relevant data.

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*Keywords:* Inductive reasoning; property inference

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Word count: X

19 Xu and Tenenbaum (2007) wrote an earlier paper on sampling.

20 **Methods**

We report how we determined our sample size, all data exclusions (if any), all manipulations, and all measures in the study.

## 23 Participants

There were 114 participants in the category sampling condition and 111 in the property sampling condition.

Table 1  
*Regression table for a model with fixed effects only.*

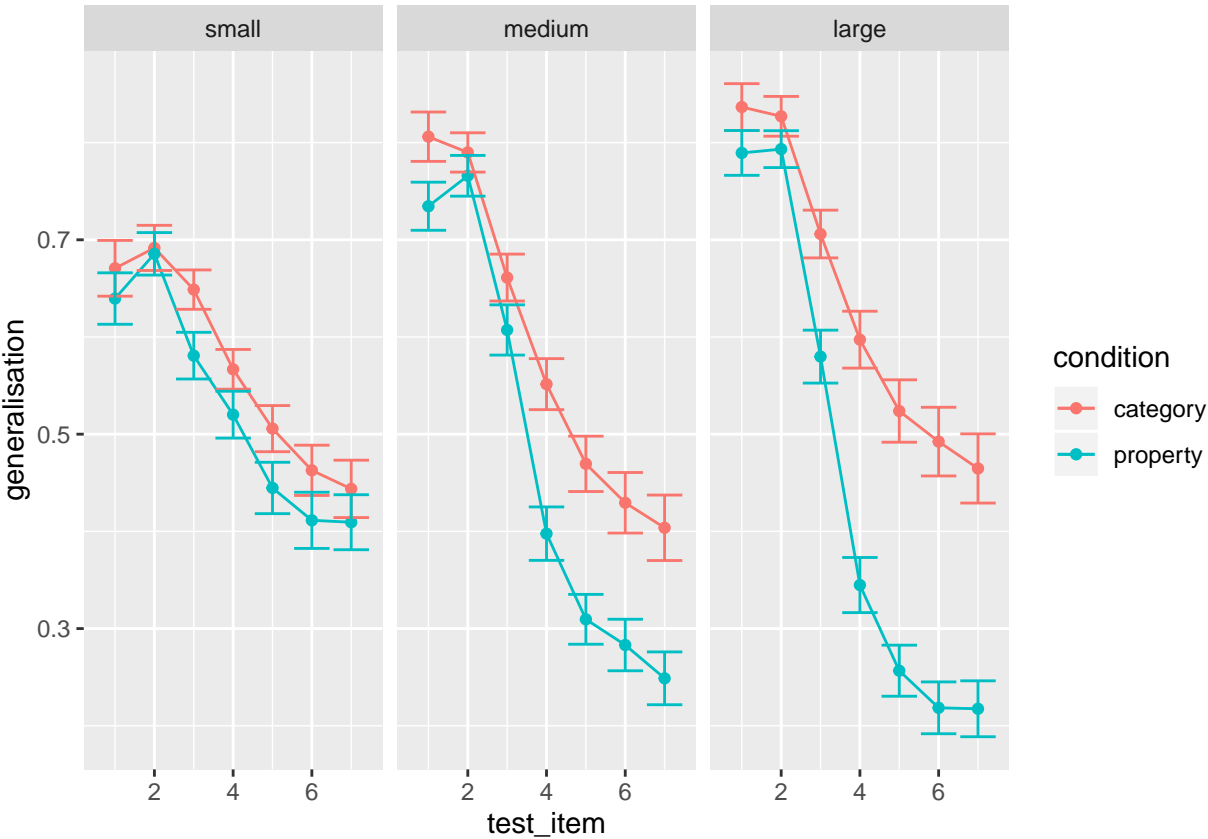
Predictor	<i>b</i>	95% CI	<i>t</i> (4721)	<i>p</i>
Intercept	1.77	[1.65, 1.90]	28.92	< .001
Conditionproperty	-0.50	[-0.58, -0.43]	-13.26	< .001
Test item	-0.33	[-0.35, -0.31]	-32.07	< .001
N obs	0.00	[-0.01, 0.01]	-0.50	.619

Material

Procedure

Data analysis

Results



## Discussion

## References

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- 33 Xu, F., & Tenenbaum, J. B. (2007). Sensitivity to sampling in Bayesian word learning.  
34 *Developmental Science*, 10, 288–297.