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Supplemental Information

New Caledonian Crows Behave

Optimistically after Using Tools

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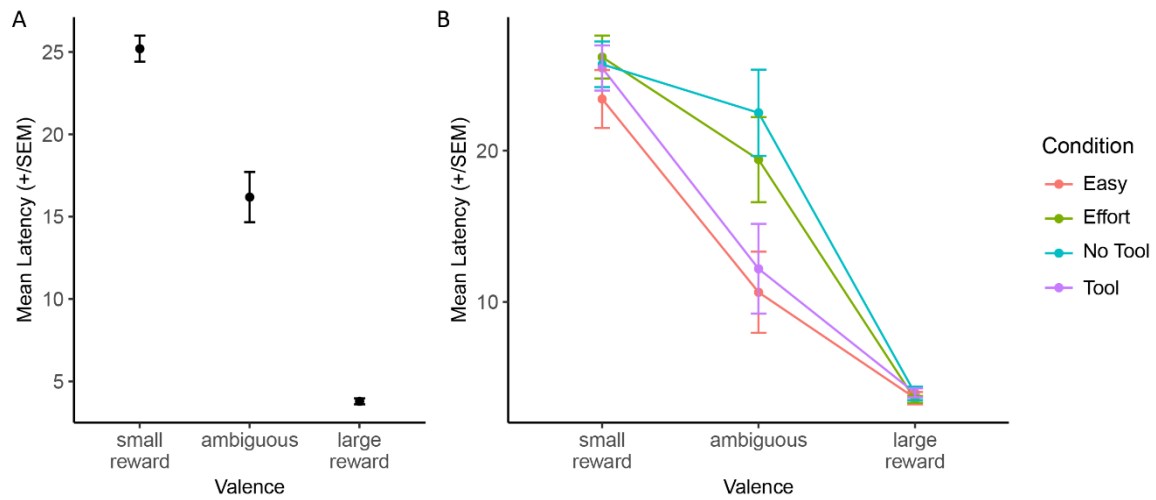


Figure S1: Mean latencies (+ SEM) for all trials. Related to Figures 3-4. (A) Mean latency for ambiguous trials falls in between mean latencies for the small reward and large reward trials. (B) Across conditions, mean latencies for ambiguous trials differ between Easy and Effort as well as between Tool and No Tool. See also Figures 3-4.

Model (+Participant)	BF ₁₀	±Error %
Intercept-Only (Baseline)	1.00	
Order	0.81	0.96
Condition	17.23	0.48
Condition+Order	17.89	1.48
Condition+Order+Condition*Order	4.73	3.05

Table S1. Repeated Measure Bayesian ANOVA Model Details. Related to STAR Methods: Quantification and Statistical Analysis. To determine the effect of experience type (Condition) on crows' approach latency to an ambiguous stimulus, models containing Condition and Order as main effects and their interaction were constructed and compared. To account for the within-subjects nature of the experimental design, all models included Participant as a random effect. Each model was compared to the Baseline model and the best fitting model (Condition+Order) had the highest BF. See also *STAR Methods: Quantification and Statistical Analysis*.