

**The Context Repetition Effect:
Predicted Events are Remembered Better, Even When They Don't Happen**

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Supplementary Materials

Table S1. Hit rates for context items and false alarm rates for the lures (both with standard errors) calculated across all subjects for each of the 4 experiments.

Predictability Stimuli	Experiment 1		Experiment 2		Experiment 3		Experiment 4	
	High Pictures		High Words		Low Pictures		Low Words	
Condition	M	SE	M	SE	M	SE	M	SE
Average over all presentations								
RCRT	0.60	(0.029)	0.65	(0.033)	---	---	---	---
NCRT	0.46	(0.022)	0.62	(0.024)	0.46	(0.022)	0.65	(0.015)
RCNT	0.58	(0.023)	0.70	(0.030)	0.56	(0.028)	0.74	(0.017)
NCNT	0.47	(0.022)	0.60	(0.028)	0.46	(0.022)	0.65	(0.015)
Lures	0.26	(0.020)	0.26	(0.026)	0.25	(0.017)	0.23	(0.015)
First presentation of triplet								
RC ₁ RT	0.60	(0.029)	0.65	(0.033)	---	---	---	---
NC ₁ RT	0.47	(0.025)	0.62	(0.024)	0.46	(0.024)	0.66	(0.018)
RC ₁ NT	0.58	(0.023)	0.70	(0.030)	0.56	(0.028)	0.74	(0.017)
NC ₁ NT	0.47	(0.024)	0.60	(0.039)	0.46	(0.024)	0.64	(0.016)
Second presentation of triplet								
NC ₂ RT	0.46	(0.025)	0.63	(0.030)	0.47	(0.025)	0.65	(0.016)
NC ₂ NT	0.47	(0.027)	0.60	(0.028)	0.46	(0.023)	0.65	(0.018)

Note: RCRT = repeated context items with repeated target item; NCRT = novel context items with repeated target item; RCNT = repeated context items with novel target items on each presentation; NCNT = novel context items with novel target items on each presentation.

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Table S2. Hit rates for target items and false alarm rates for the lures (both with standard errors)

calculated across all subjects for each of the 4 experiments.

Predictability Stimuli	Experiment 1		Experiment 2		Experiment 3		Experiment 4	
	High Pictures		High Words		Low Pictures		Low Words	
Condition	M	SE	M	SE	M	SE	M	SE
Average over all presentations								
RCRT	0.56	(0.025)	0.69	(0.031)	---	---	---	---
NCRT	0.55	(0.021)	0.65	(0.031)	0.58	(0.022)	0.75	(0.018)
RCNT	0.49	(0.022)	0.61	(0.029)	0.46	(0.022)	0.65	(0.017)
NCNT	0.46	(0.023)	0.59	(0.022)	0.47	(0.022)	0.66	(0.016)
Lures	0.26	(0.020)	0.26	(0.026)	0.25	(0.017)	0.23	(0.015)
First presentation of triplet								
RCRT ₁	0.56	(0.025)	0.69	(0.031)	---	---	---	---
NCRT ₁	0.55	(0.021)	0.65	(0.031)	0.58	(0.022)	0.75	(0.018)
RCNT ₁	0.50	(0.022)	0.63	(0.032)	0.47	(0.027)	0.64	(0.017)
NCNT ₁	0.44	(0.023)	0.58	(0.023)	0.48	(0.023)	0.65	(0.019)
Second presentation of triplet								
RCNT ₂	0.47	(0.028)	0.59	(0.031)	0.45	(0.022)	0.66	(0.020)
NCNT ₂	0.47	(0.028)	0.60	(0.026)	0.47	(0.024)	0.66	(0.017)

Note: RCRT = repeated context items with repeated target item; NCRT = novel context items with repeated target item; RCNT = repeated context items with novel target items on each presentation; NCNT = novel context items with novel target items on each presentation.