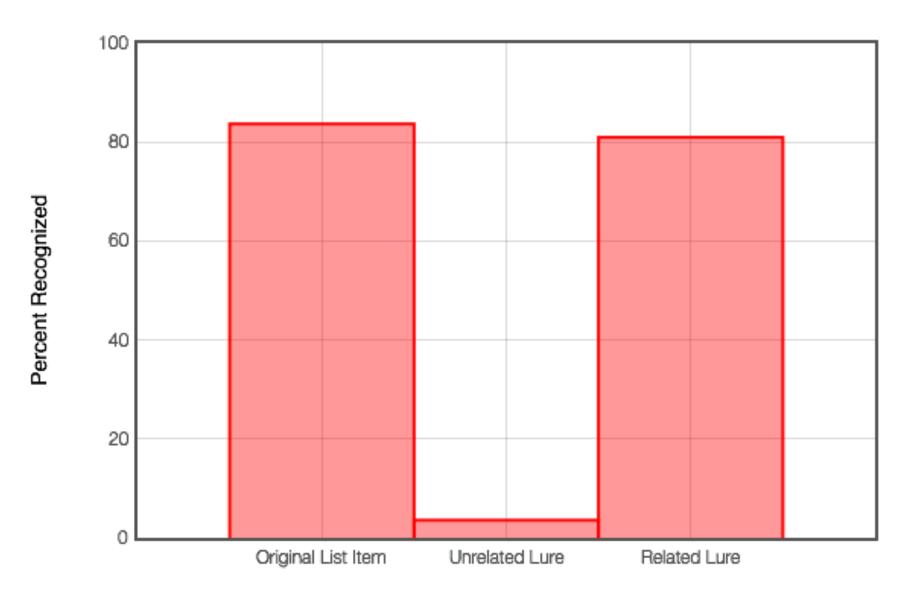
- Methods:
 - Word Lists
 - Recognition Test
- Independent Variable
 - Kind of word: old, lure, unrelated
- Theory
 - Semantic Node Activation of neighboring concepts will activate Lure
- Prediction
 - subjects will recognize the Lure even though it was never seen

```
eye
 sharp
knitting
 cloth
  hurt
syringe
haystack
 thbrn
injection
thread
sewing
   pin
 point
 prick
thimble
```



CogLab 8: Global Data



Type Of Stimulus

- Experiment 1
 - Free Recall then Recognition
- Experiment 2
 - Half of lists included Recall test, Half did not (did math problems)
 - DV:
 - "Remember": Vivid Memory (Explicit)
 vs
 "Know": Feeling (Implicit)
- Hits: 65% (in Study + Math condition)
- False Alarms: 72% (in Study + Math condition)

RM vs CogLab

Methods:

- RM: Experiment 2 included both Recall and Recognition conditions. The recognition condition included math tests as distractor.
- CogLab: Recognition only, no distractor
- RM: also asked about "Remember" vs. "Know"

Results

- RM: critical lure recognized almost as much as studied words
- CogLab: very similar

Table 2
Recognition Results for Studied Items and Critical Lures
in Experiment 2

	Item type and condition	Proportion of Old responses		
		Overall	R	K
Focus on these results:	Studied Study + recall Study + arithmetic Nonstudied	.79 .65 .11	.57 .41 .02	.22 .24 .09
	Critical lure Study + recall Study + arithmetic Nonstudied	.81 .72 .16	.58 .38 .03	.23 .34 .13

Note. R = remember judgment; K = know judgment.

- "How robust is this effect? Are there limits to this effect?
- "The effect is quite robust and perhaps most surprisingly, it works well even when participants know what the experiment is about (i.e., you were asked to do a lab on false memory, read background information about the phenomenon, and then still most likely exhibited false memory)."

Also noticed Serial Position Curve

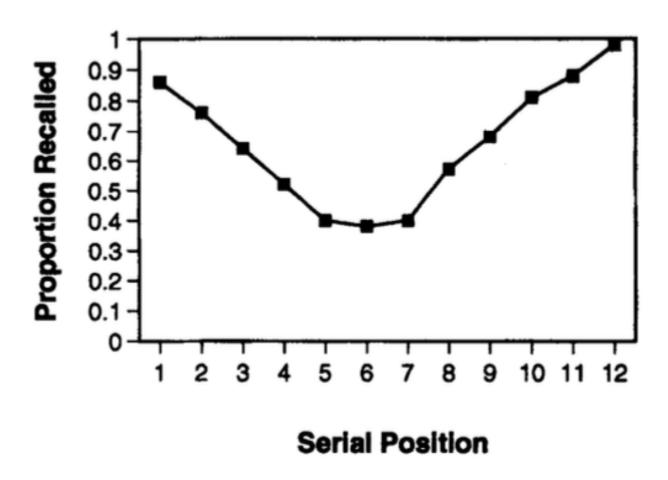


Figure 1. Probability of correct recall in Experiment 1 as a function of serial position. Probability of recall of the studied words was .65, and probability of recall of the critical nonpresented item was .40.

 Probability of Intrusion more likely towards later recall

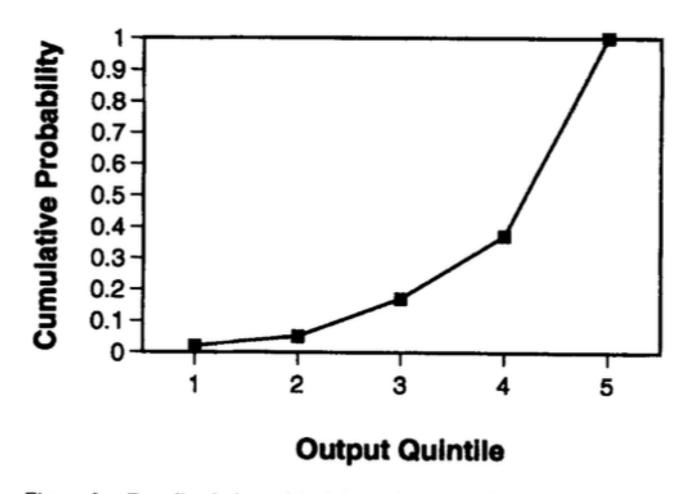


Figure 2. Recall of the critical intrusion as a function of output position in recall. Quintiles refer to the first 20% of responses, the second 20%, and so on.

- Debriefing
 - Methods
 - differences?
 - Predictions?
 - Robust? Limitations?