

# Focus alternatives are available early: No influence from semantic priming or particle choice Christian Muxica (cmuxica@g.ucla.edu) & Jesse Harris (jharris@humnet.ucla.edu) – UCLA Linguistics

**Focus Alternatives**. To interpret focus, the discourse relevant alternative set must be inferred <sup>[1]</sup>

(1) $ALTS = \{guitar, trumpet, ...\}$ 

**Two Stage Model**. Only prior model for selecting alternatives online <sup>[2,3]</sup>

### **STAGE 1**

Discourse-Insensitive Semantic Priming **STAGE 2** 

Discourse-Sensitive Alternative Selection

I brought the guitar and the pizza... (2)Jonah only brought the [violin] $_F$  $ALTS = \{guitar, pizza, ...\}$ 

Condition	Target
Associate Alternative	GUITAR
Non-Associate Alternative	PIZZA
Associate Non-Alternative	MUSIC
Control	HOUSE



## **Delayed-Access Model.**

Initially Discourse-Insensitive

- $\hookrightarrow$  Late-Generation of alternative set
- $\hookrightarrow$  NonAssoc Alts *not available* immediately

### **Immediate-Access Model.**

Initially Discourse-Sensitive

- $\hookrightarrow$  **Early-Generation** of alternative set
- $\hookrightarrow$  NonAssoc Alts *available* immediately

## **Subquestion**. Do different focus particles yield different patterns of availability?

## **Exhaustive-Advantage**.

Alternatives negated under exhaustive focus (*only*) but asserted under additive focus (*also*)  $\hookrightarrow$  Exhaustive focus might involve reactivating alternatives to perform negation  $\hookrightarrow$  Non-Associate Alternatives *available earlier* under exhaustive focus



30 Audio Dialogues each with 3 probes controlled for length, freq, ON size, and LSA cosine-similarity to focus



## **Experiment 1 (only)**.

✓ Focus ( $\beta$ =-0.024, CrI=[-0.028, -0.019], BF>100) × Priming ( $\beta$ =0.002, CrI=[-0.002, 0.006], BF=0.584)

✓ Focus ( $\beta$ =-0.022, CrI=[-0.030, -0.013], BF>100) × Priming ( $\beta$ =0.000, CrI=[-0.006, 0.006], BF=0.315)

## VII. Conclusions, references, and acknowledgments

- Evidence against Priming-Dependence and Late-Generation Incompatible with Two-Stage and Delayed-Access Model Support for Immediate-Access Model
- Choice of focus particle choice had little effect
  - Evidence against Exhaustive-Advantage
  - Results driven by contents of the alternative set

[1] Rooth (1992). A Theory of Focus Interpretation. NLS. [2] Husband & Ferreira (2016). The role of selection in the comprehension of focus alternatives. LCN. [3] Gotzner & Spalek (2019). The life and times of focus alternatives. LLC.



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<ul> <li>Associate Alternative</li> <li>Non-Associate Alternative</li> </ul>		GUITAR PIZZA		
Contr	ol		HOUSE	
GUE		RECOGNITION		
	SOA	DI7		

### **Experiment 2 (also)**.

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