



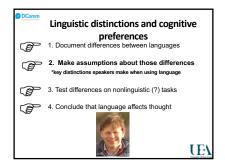


BACKGROUND

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- What is the mapping between language and the vision and action systems?
- If space is so basic, why do languages carve up the spatial world in different ways?
- Can language tell us anything about object-location memory?















- (3) Emerge as the earliest traceable words in languages (Deutscher, 2005; Diessel, 2006)
- (4) Appear early in child language acquisition (Clark, 1978, 2003)
- (5) More closely associated with deictic gestures than any other linguistic items (Diessel, 2006; Enfield, 2003; Levinson, 2004)

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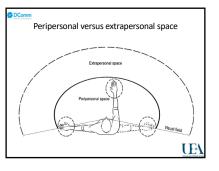
Kemmerer (1999)

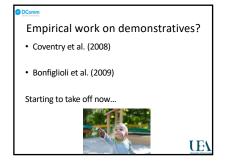
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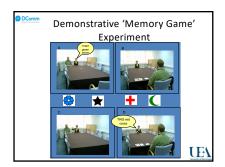
 "Demonstratives constitute an interesting case of divergence between linguistic and perceptual representations of space." (1999, p. 56; see also Enfield, 2003).

• No correspondence between near and far perceptual space and demonstrative use?

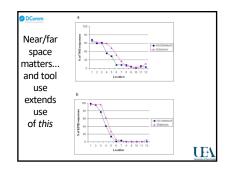
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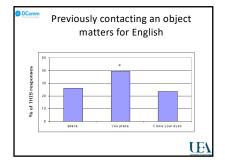


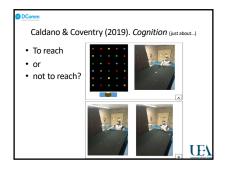




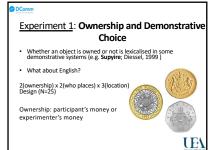
Manipulations: - Where object is placed: distance from speaker - Who places the object: object in peripersonal space immediately prior to description?
- Where object is placed: distance from serve and the form speaker - Who places the object: object in peripersonal space immediately prior to description?
peripersonal space immediately prior to description?
minutes and page from our space in the impact of the first state in the impact of the first state in the state is the integration of the state in the state is the state in the state is
 Pointing with arm or with a tool (extension of peripersonal space mirroring Berti & Frasinetti, 2000?)

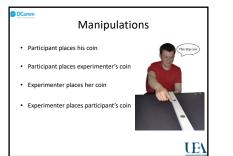


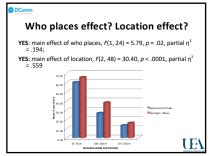


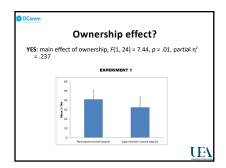


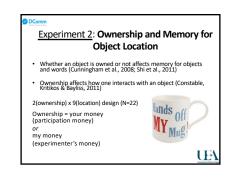
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		Capital Parking ID (2011 of 19
Is there a basic set of vision and action distinctions underlying		Cognitive Psychology
demonstrative use across languages?	LLN, MUR. Journal has	nange was disclerated in Alexandra graph
5.5	Spatial demonstrati Describing and rem	ives and perceptual space:
Does spatial demonstrative choice mirror nonlinguistic representation	Kenny R. Covenity ^{La} , Del "Start of Section, Section 4 Las I "Sparsers of Spring, Section 5	fera Griffithe ¹ , Celle J. Hamilton ¹ Teach II Teachy of
of space?		ABSTRACT
of space:	Anna Santa Annada 1 Santas 201 Annal Santas Santas 201	Restal demonstrations - series including bit and the - are among the most continue worlds across all languages. Not, there are con- siterable differences between languages in low determination
Are lexical distinctions really indicative of variables that affect language use?	Kanada Kanada Magar Magar Manada Magar Ma	• I wan of a for a for a bage bage bage bage bage bage bage ba



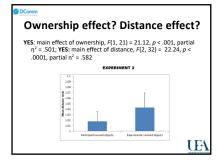


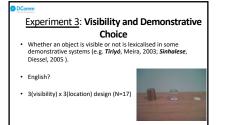






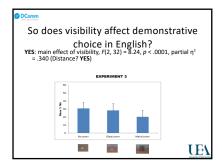






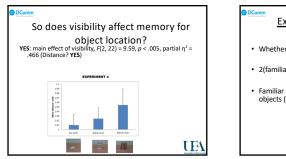
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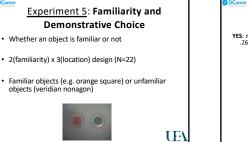


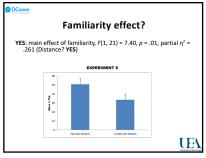








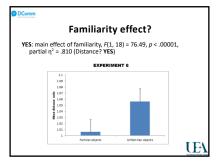


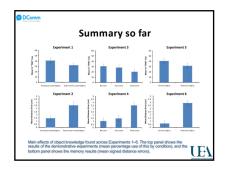


Experiment 6: Familiarity and Memory for Object Location • Tracking familiar objects is easier (Pinto et al., 2010)

- 2(familiarity) x 9(location) design (N=19)
- Familiar objects (e.g. orange square) or unfamiliar objects (veridian nonagon)



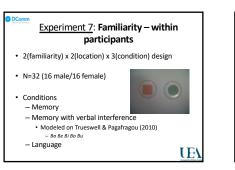


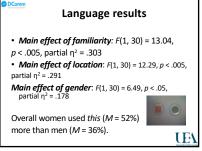


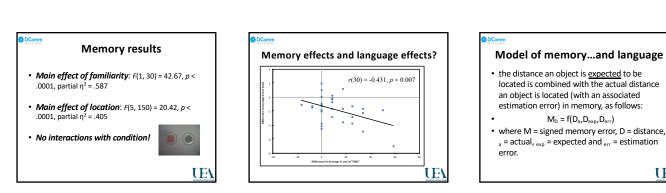
So – what IS the relationship?

- · Language parasitic on non-linguistic spatial perception and memory (Clark, 1973; Jackendoff, 1983; Landau & Jackendoff, 1993; Mandler, 1996; Talmy, 1983).
- Spatial categories themselves are shaped by language (Bowerman, 1996; Brown & Levinson, 1993; Pederson et al., 1998; Levinson, 2003; Majid et al., 2004).

· Language and memory both independently draw on the same set of spatial properties (Crawford, Regier & Huttenlocher, 2000) UE)





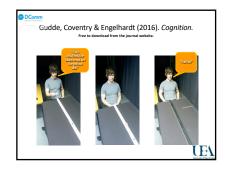


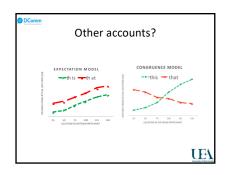
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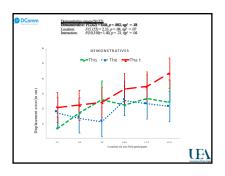


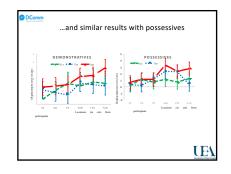
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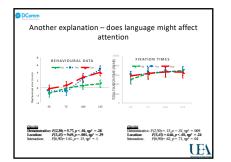


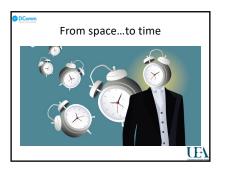












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