

([2], [4]).

METHODS	Proce
Participants: 60 young adult English- French bilinguals from McGill University Each participated in one French-like and one English-like artificial language → 6 "groups" of 2 diffusion chains each	1) Ex
Measures	
 Learnability: mean transmission error across generations → how accurately did subjects reproduce the language? Structure: Monte Carlo sample analysis across generations → how non-random were their meaning-signal mappings? 	2) Tra
Stimuli	
COLOUR OBJECT PLURALITY TYPE Blue A Single Magenta B Multiple	
 Labels: 2-3 syllable words, with or without diacritics French-like artificial language (e.g., "dègu") English-like artificial language (e.g., "popalpo") 	Syllabe 1 Syllabe 2 Syllabe 3
 SEEN set: what the subject learns (n = 9) UNSEEN set: not learned by subject (n = 3) > Integration of personal biases 	3) Re
Cultural transmission: output of n becomes	
input for $n+1$ $\rightarrow NO$ homonym filtering	Syllabe 1

Syllabe 3 🔘

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Agent-based Simulation (pp. 111-125). New York: Springer.



Blue		Magenta	
ingle	Plural	Single	Plural
Turti	Turti	Titur	Titur
Dègu	Dè kâ gu	Dègu	Dè kâ gu
ogu	Po pâl gu	Pogu	Po pâl gu
ige in gene	ration 6 of diffusion	chain 2.	