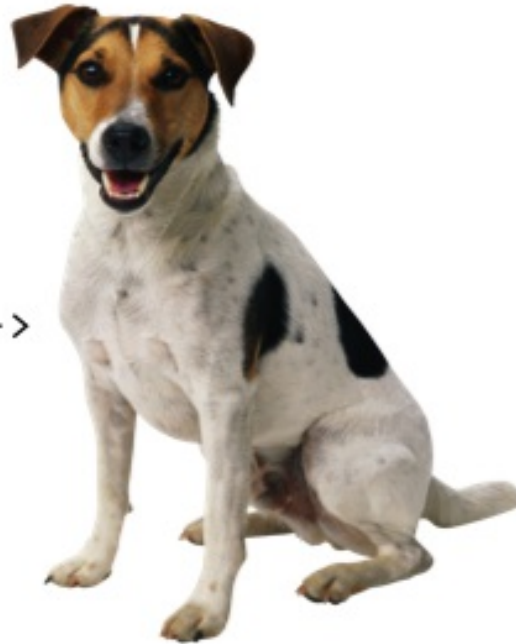


Studying word meanings through the eyes

Pierce Edmiston

How are word meanings represented in the brain?

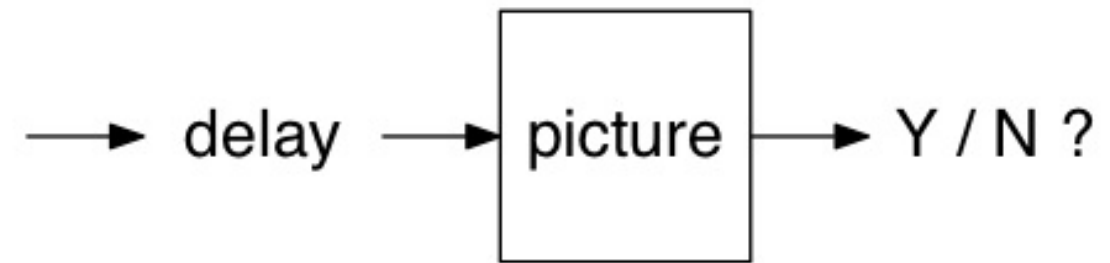
dog -->



Different cues to the same concept

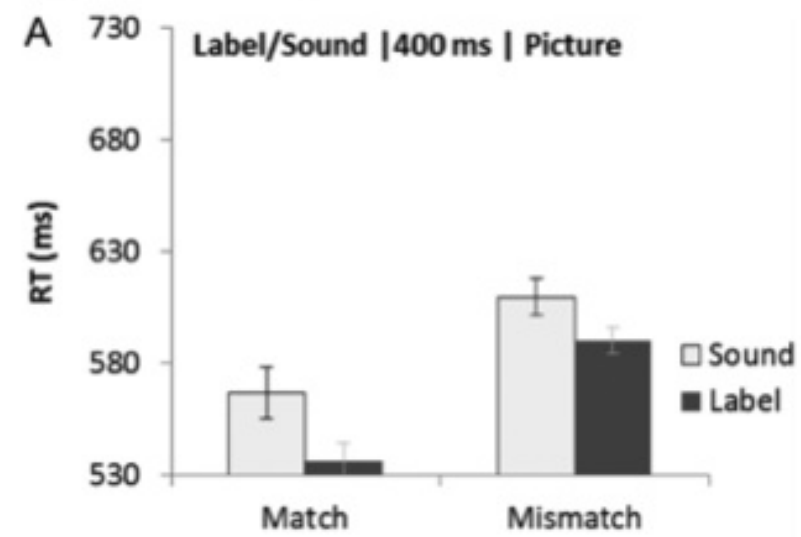
word	sound
"dog"	<bark>
"cat"	<meow>
"chainsaw"	<revving>
"bowling ball"	<crashing pins>

Picture verification task

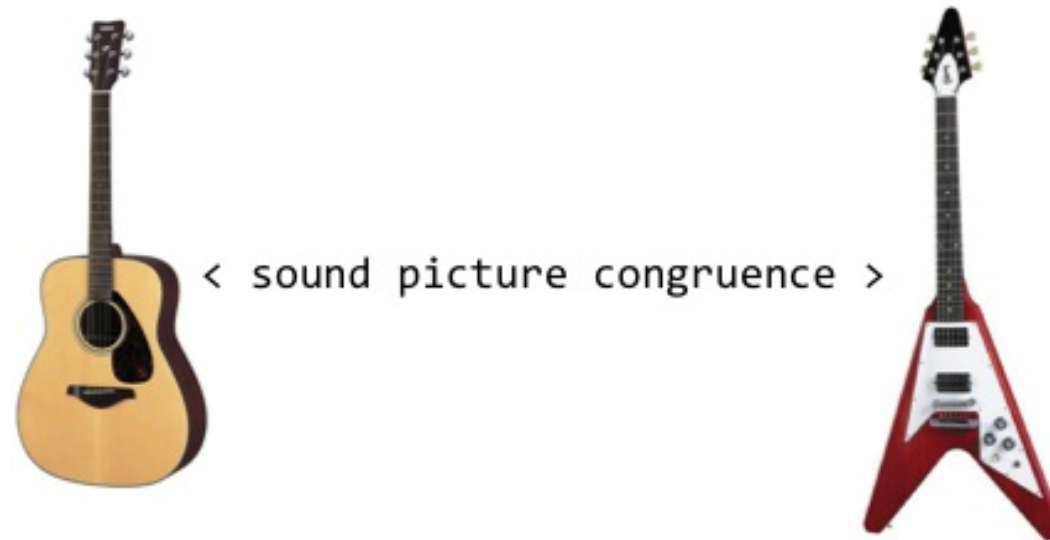


Picture verification task

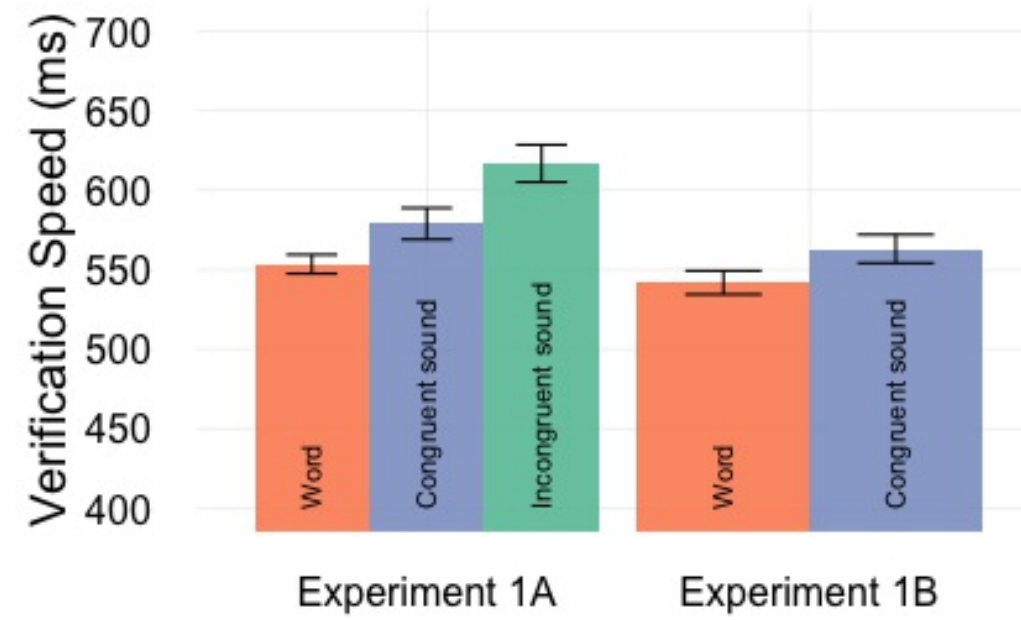
Lupyan & Thompson-Schill 2012 JEP:G



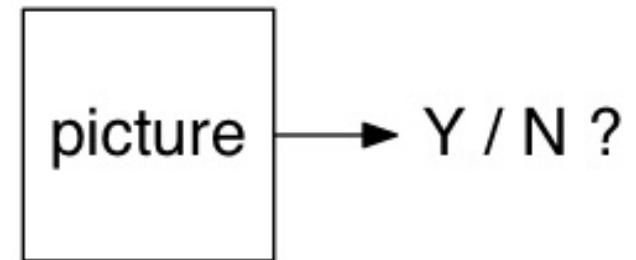
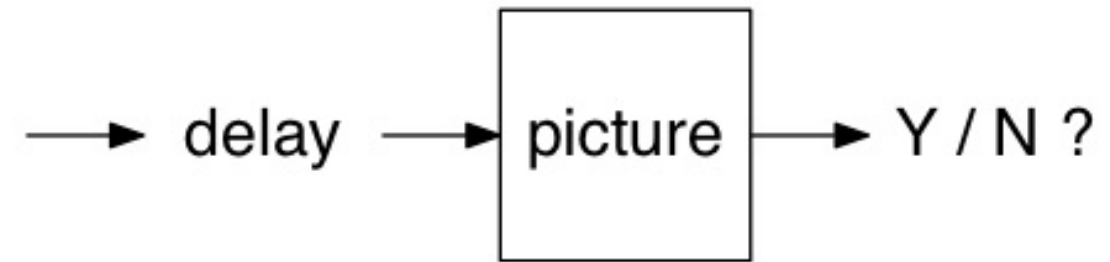
Picture verification task



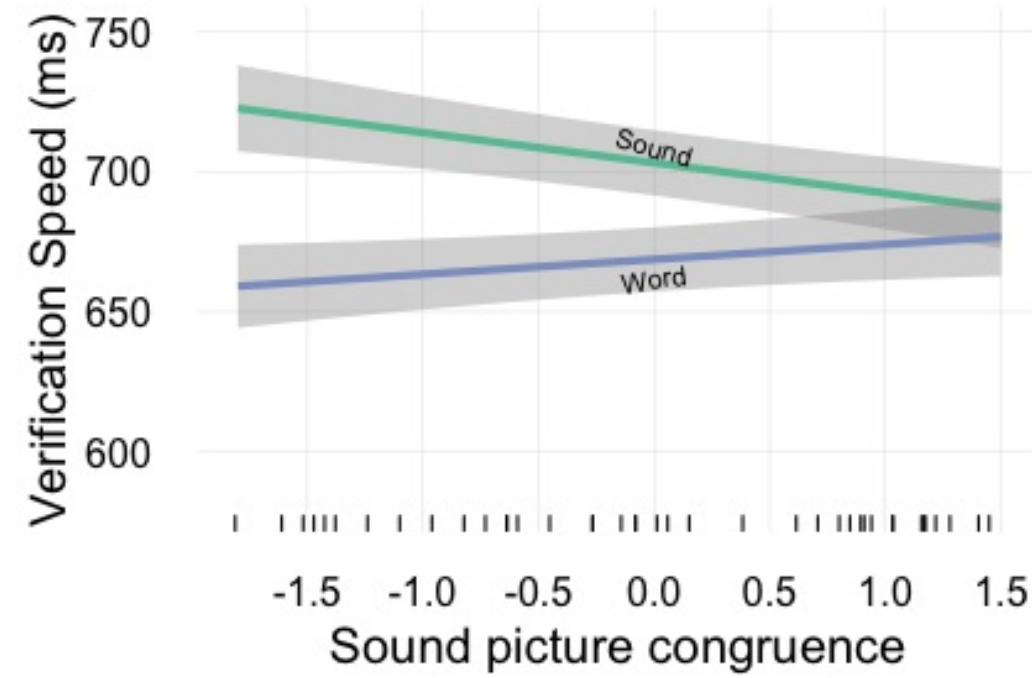
Picture verification task



Picture verification task

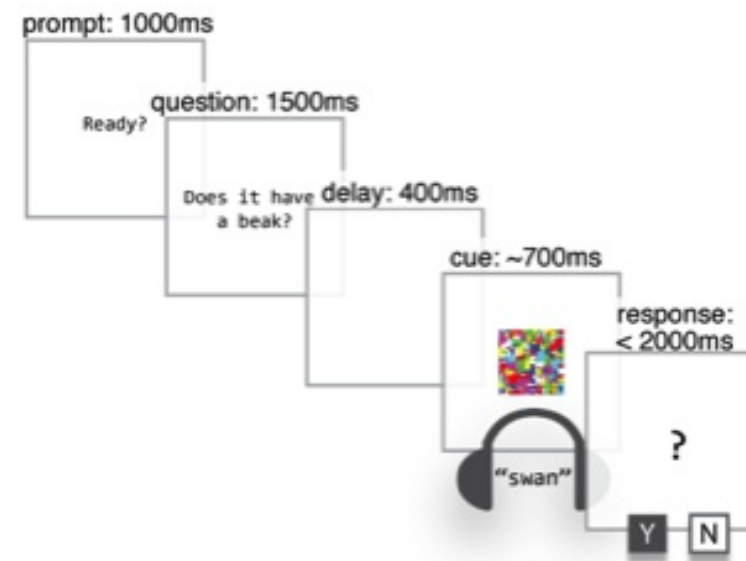


Picture verification task

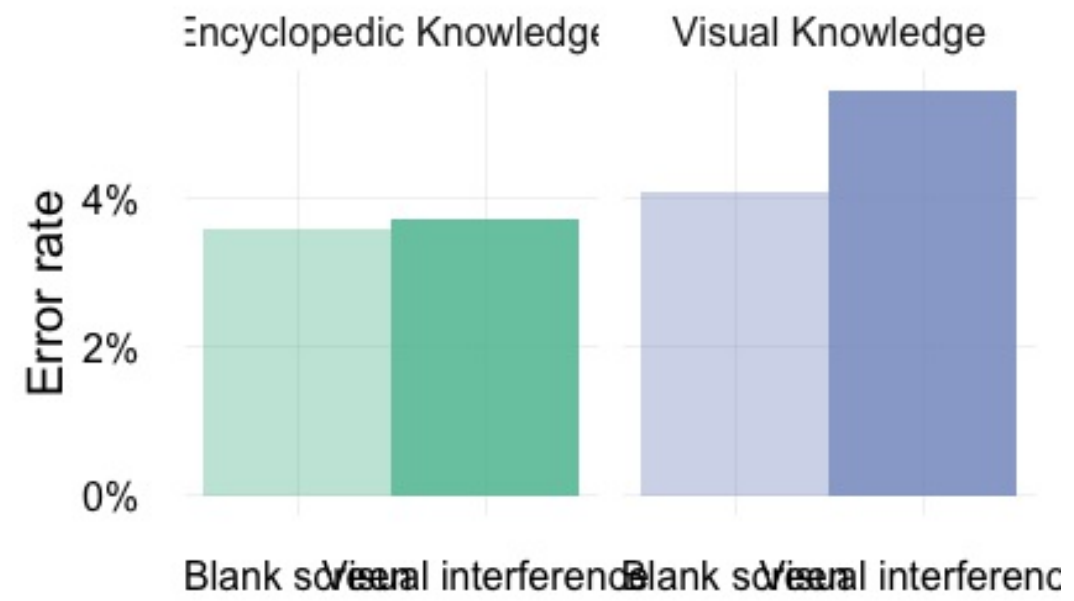


Are word meanings perfectly
symbolic?

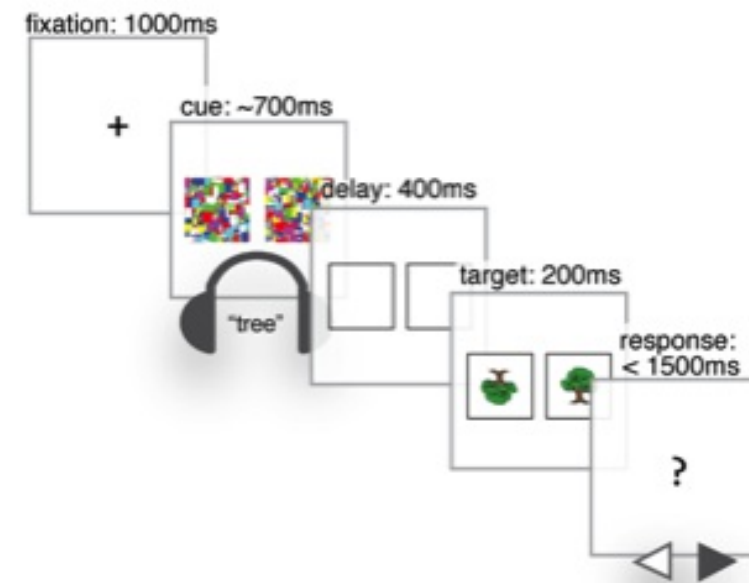
Property verification



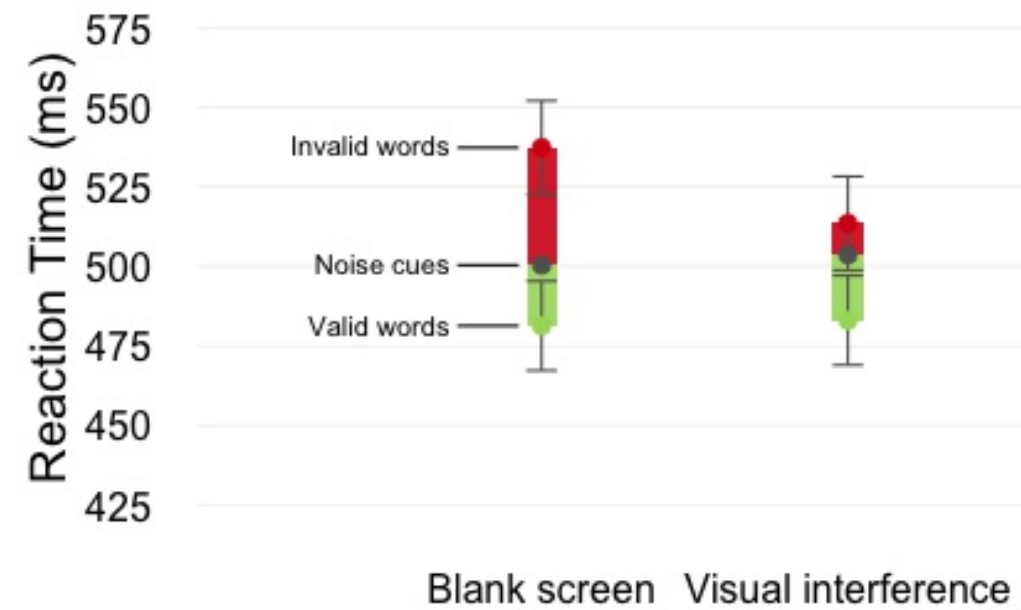
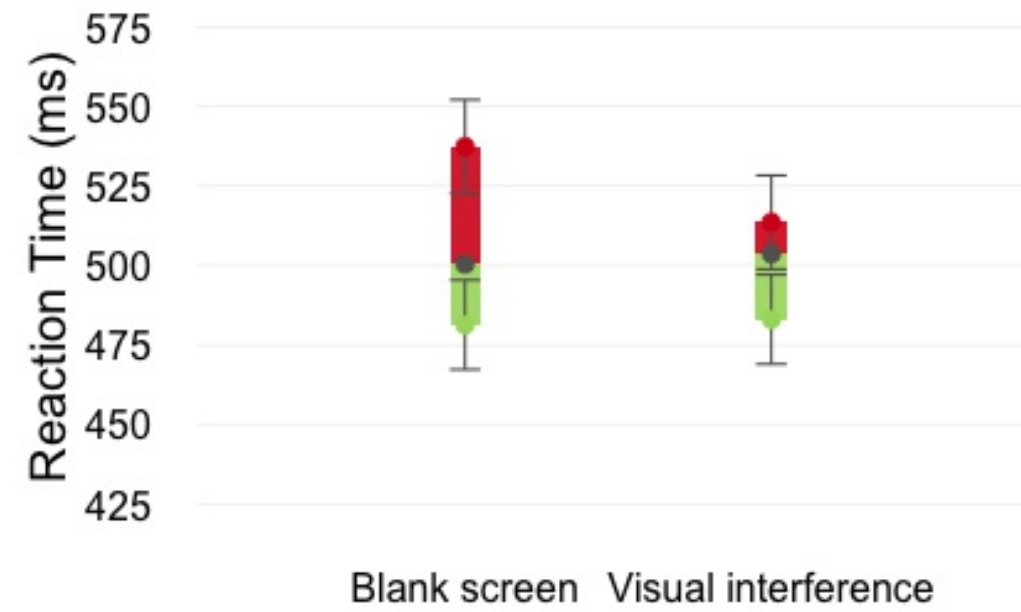
Property verification



Orientation discrimination



Orientation discrimination



Conclusions