Biology, Culture & Cognition Today's lecture is all about connecting topics. Next time: Guest lecture, Kristian Tylén Biological evolution: diversity spring from a single common ancestor. Social learning relies on observation or interaction with another individual. Social learning (SL) should be used selectively to be effective. 3 groups of SL Strategies (SLS) what who when Se Slide for Taxonomy

SLS are often described in a behaviors Heyes 2015 paper
-hømmer fra biologi så har en ide
om, hvad der går fornd for hognition - Vi bruger explicit metacognition til at finde ud af, hvem der ved hver meget on wad Hoyes hvitily at heltet og ibbe hvad de tonher

- Har problemer med terminologien. Vi siges at agenter (inhl. dyr)

"bruger" strategier. Hun mener ikhe

man bør antage intentionalitet

- Måshe er det domain-general Heyes løsning
-Isolate the who'-strategies 2 System approach Animals conform to rules, but don't understand them. Most SLS can be explained by associative learning / conditioning (tonh Shinner eller Parlor) Trog-eating bats De bruger SLS, luis de ihhe bliver matte (er 'dissatisfied'). Kan nemmere for Mares med, at B var bedre og de derfor opnår Stærhere associations

Most SLS are automatic, involantary
and are the product of domain-general
associative learning

Et lille "Sub-set" af SLS er dog "voluntary and domain-specific", Sher him i mennesher. Kun bem der hviler på meta-cognition. ex. "i Should copy if in uncertain" (= in the rule-user) k"i should copy if someone does very well" Métacognition allows for befter weighting of strategies. "Who knows" er tit den, der har at yore med meta cognition

Frith 2015 paper Los den! Repeterer en masse gede begreber og introducerer nogle flere. Dialehtisk forhold mellem hjernen

og hulturen (hjerne = kultur)

2 critical features of interaction

(Slide -Mimiory Bottom up processes: Stimuli=> attention Top-down processes: Memories -+ Knowledge + Context => aftention Bayesian frame work our brains make predictions and we can then get a pre...-error

3 Major components -Prior = prediction -libelihood - Posterior - Se Slide 23! We can maybe extend the prior 'udover den enhelt hjerne'.
Vi benytter os også af andres viden og erfaringar + hultmelle dishurser ond cultural contexts Ego depletion: Man han enter give folk were eller nivelre energi ved at give dem Svore organer, of wangigt at hvad man fortaller dem

Volition and beliefs of free will:
Man han gøre det samme med fri vilje, folk får mindre, mis man fortaller dem, at den er meget begrænset.
vilje, tolk får mindre, mis man
fortaller dem, at den er meget
begranset.
Virhelig en god og vigtig telist
Se slide 27
Our interactions with the world
Our interactions with the world are a hind of "hypothesis testing"