

Free Energy Principle



Biological systems minimise surprise by changing their model of the world or by acting on it

Predictive Coding



The brain generates and updates its prediction of sensory input at various level of abstraction

How priors affect online monitoring of environmental cues through neural hierarchy processing

Markov Decision Process



How and What action choice happens with time horizon and behavioral goal

How priors shape action sequences on the environment through neural plasticity but no formal goal nor time horizon

Sentinel



Online monitoring of environment

Incorporate past and future events with current behavioral goal no plasticity and no hierarchy

Semantic



Exploration of mental scenarios





How?

What?

Sensory Input

Behavioral Consequences

Legend :

-  Time horizon
-  Neural plasticity
-  Hierarchy
-  Behavioral goal