

Oculomotor Delay

Amount of time between cognitive action and the launch of saccade.
“Roughly” 200ms in length

Fixation

Made up of both an involuntary refractory period (pink) telling us nothing about strength of activation, followed by a period of voluntary fixation (in blue), and finally a period following the next cognitive mechanism (CM), also the oculomotor delay for the subsequent look

Saccade

Period of eye movement, ~30-70ms.
Cannot be changed once launched

Look Onset

The instance a saccade is launched is the first behaviorally measurable observation related to the cognitive mechanism

Cognitive Mechanism

Mental process that initiates an eye movement, probabilistically related to activation, followed by period of oculomotor delay

Cognitive Mechanism

The cognitive mechanism resulting in the subsequent look occurs during the fixation, followed by period of oculomotor delay

