

## **Supplemental Table S2: Sensory processing in humans and mice fluctuates between external and internal modes**

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## Supplemental Table S2

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Parameters	Interpretation
$\alpha$	Sensitivity to sensory information
H	Expected probability of a switch in the cause of sensory information (Hazard)
$a_{LLR}$	Amplitude of fluctuations in likelihood precision $\omega_{LLR}$
$a_{\psi}$	Amplitude of fluctuations in prior precision $\omega_{\psi}$
f	Frequency of $\omega_{LLR}$ and $\omega_{\psi}$
p	Phase (p for $\omega_{LLR}$ ; p + $\pi$ for $\omega_{\psi}$ )
$\zeta$	Inverse decision temperature

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