

Supplementary Material

Multi-scale Expressions of One Optimal State Regulated by Dopamine in the Prefrontal Cortex

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1 Supplementary Figure

Figure S1. Results obtained with a different strength range $[A_{\min}, A_{\max}]$. Behaviors at different levels corresponding to the grey trajectory in Fig. 1F are shown. All analyses and results are parallel to the ones in the main text. For working memory at the system level, A-B are similar to Fig. 2B-C, and C-G are similar to Fig. 2E-I. For criticality at the network level, H-I are similar to Fig. 3C-D. For detailed balance of excitatory and inhibitory at the cellular level, J-M are similar to Fig. 4A-D.

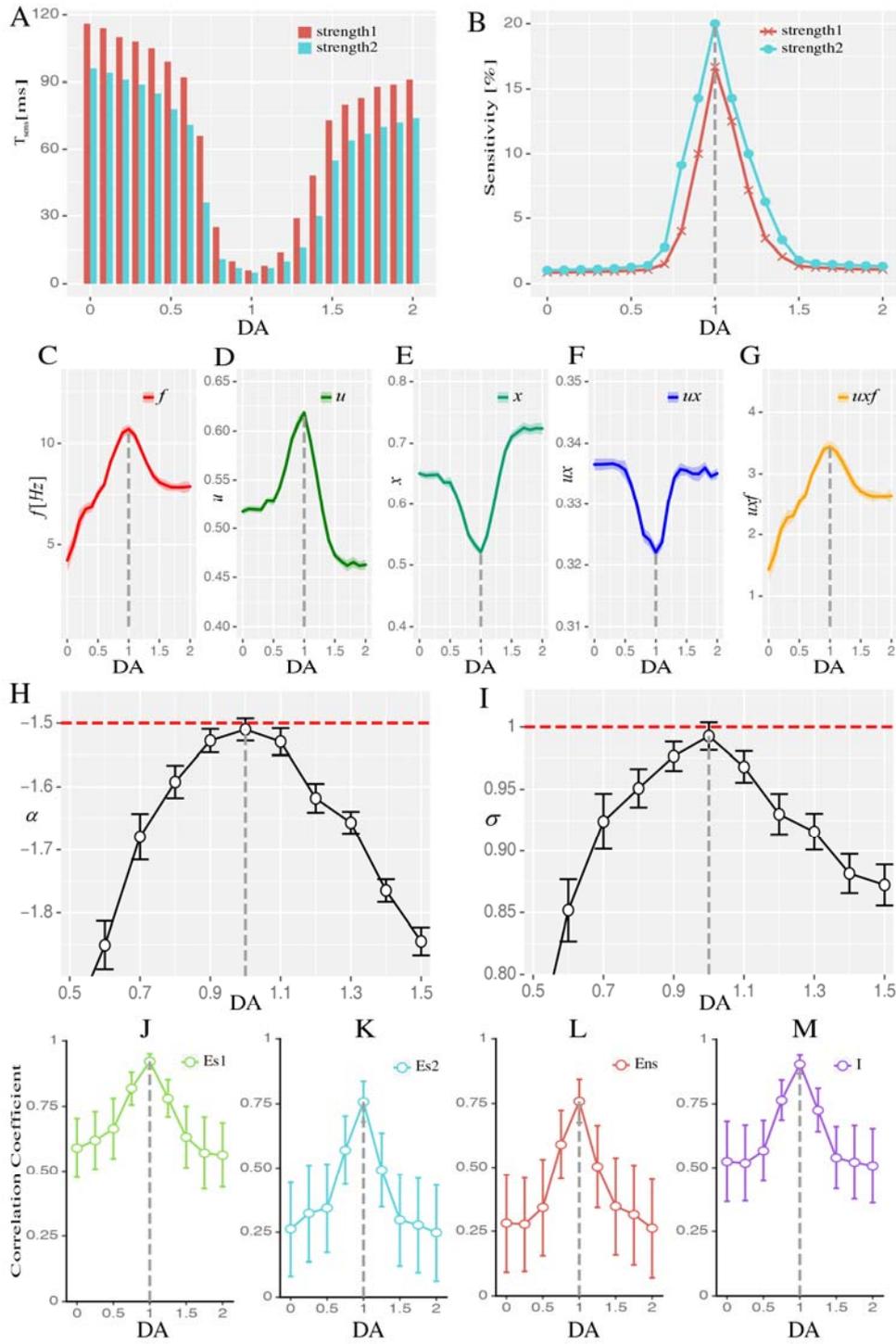


Fig. S1