Regularization AI (Low τ: Solid line, High τ: Dash line) $\tau = 22$ $\tau = 20$ $\tau = 12$ $\tau = 28$ $\tau = 10$ $\tau = 10$ $\tau = 4$ 0.8 τ=42 $\tau = 42$ $\tau = 40$ $\tau = 34$ $\tau = 50$ $\tau = 30$ $\tau = 46$ $\tau = 36$ $\tau = 32$ $\tau = 22$ $\tau = 36$ $\tau = 36$ $\tau = 26$ $\tau = 0$ $\tau = 42$ $\tau = 42$ $\tau = 42$ $\tau = 40$ $\tau = 40$ $\tau = 44$ $\tau = 42$ $\tau = 30$ $\tau = 40$ $\tau = 40$ $\tau = 40$ $\tau = 36$ $\tau = 36$ τ=28 $\tau = 26$ $\tau = 42$ $\tau = 42$ $\tau = 42$ $\tau = 40$ $\tau = 42$ $\tau = 42$ $\tau = 26$ $\tau = 48$ $\tau = 48$ $\tau = 48$ $\tau = 48$ $\tau = 46$ $\tau = 40$ 200 300 400 700 800 100 500 600 900 **Spatial Scales fMRI** Conditions Regularization **REST GAMBLING MOTOR SOCIAL** τ≤1 $\tau > 1$ **EMOTION LANGUAGE RELATIONAL** WM

0.6

0.2

0.0

Rate