## **Elastic Net Predicting Future Physical Pain Using Best RMSE Models** Socializing (Online + In Person) Chores **Selfcare** Caregiving Behavior Media (TV + Internet) **Exercise Mental Activity Nothing** Other Activity Sitting Standing Reclining Alert Mood **Stress Psychological** Healthy **Anxious** Нарру Relaxed Depressed Energetic **Frustrated Thought Valence** Stuck Thoughts Thoughts about worries **Enjoying** Alone Friend Situation Family (Partner, Kids, + Other Family) Neighbor Acquaintance Stranger Pet Other Person Monday Tuesday Wednesday Thursday **Friday** Saturday Sunday Time Morning Midday **Evening Linear Trend Quadratic Trend Cubic Trend** 24 hour Sinusoidal Cycle 12 hour Sinusoidal Cycle 24 hour Cosinusoidal Cycle 12 hour Cosinusoidal Cycle

Participant ID