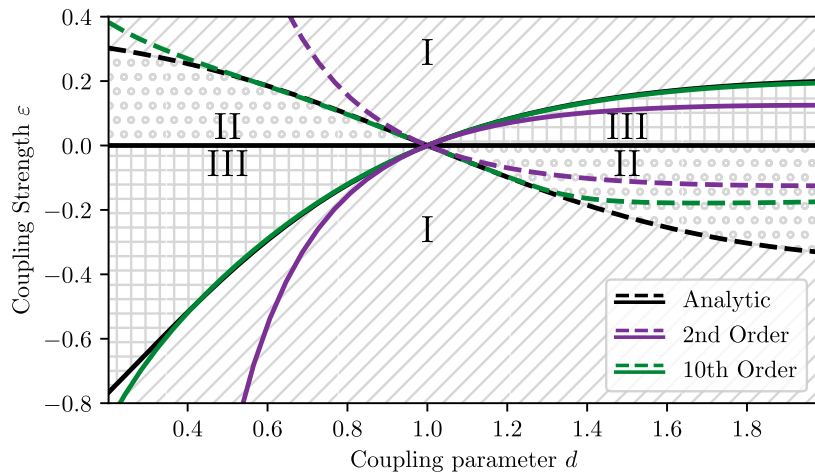


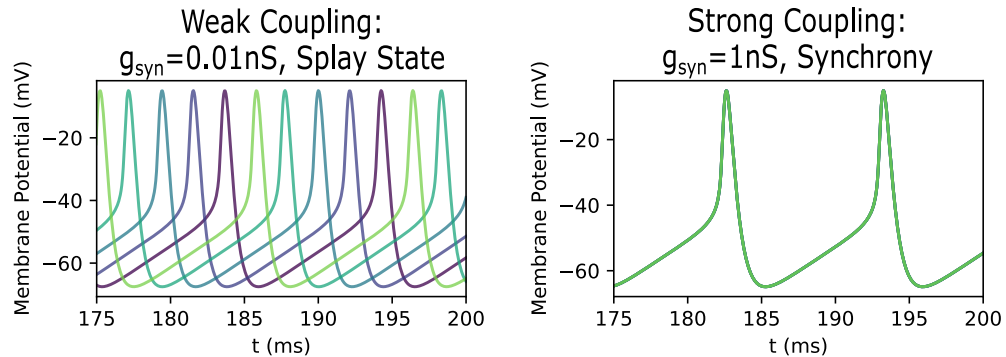
Preliminary Results

Validation: Boundaries of Stable Synchrony and Antipahse



Future Work

Short term: Splay state to synchrony in a network of thalamic neurons



Determine Mechanism of Transition

Long term (3-5 years):

- Augment theory to include heterogeneity
- Derive theory for $n:m$ phase-locking with stronger coupling
- Augment theory to include oscillator death
- Derive neural mean-field theory for large-scale brain rhythms