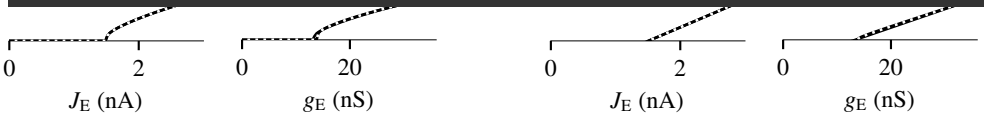


⇒ Analyze neuron models in terms of somatic currents
⇒ Eliminate LIF somatic nonlinearity



(a) Current-based

(b) Conductance-based

(a) Current-based

(b) Conductance-based



Model fit



Numerical simulation