2. Estimation & Fit (Assumptions)

- These are models for "state" based ties. That is, ties tend to "persist" but *are* change-able (adding **&** deleting).
  - Plausible for networks like friendship or enduring collaborations.
  - Not useful for "event" data (like phone calls, etc.)

- The stochastic process being modeled is the product of a Markov process, which infers:
  - The conditional probability distribution of X(t) for all future times $t > t_0$, given its values for the entire past $t_0 \leq t$, depends ***only*** on the current value $X(t_0)$.
  - Network endogenous processes matter.

- That Actor-Oriented part assumes actors control their outgoing ties (albeit influenced by peers/networks).
  - Doesn't allow for the modeling of undirected graphs.
  - Model questions about ego knowledge of alter characteristics being incorporated in the model must the theoretically justified.