Causality Take-Aways

◆ Machine learning finds correlation – not causality
  ● *Finding causality requires experiments*
    ■ Or talking to experts
  ● But correlations suggest possible causality
  ● Interpretable models help identify dubious causality

◆ Causal models should generalize better

◆ Actions can be added to most of our models
  ● One then needs to both *learn the model* and *select the optimal action*
  ● Exploration in RL is experimentation