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