Plan for Today

- Logistics
- Bitter Lesson + Better Lesson
- Wrap up
- ICES Feedback
Bitter Lesson

• General methods that leverage computation are ultimately the most effective, and by a large margin.

• Eg:
  • Computer chess
  • Alpha Go
  • Speech
  • Vision

• Search and Learning scale well.
Re: The Bitter Lesson

- Convolutional structure in CNNs
- Adversarial examples
- Architecture design
- Humans require very few examples
- Finite compute
  - Moore’s law is slowing down,
  - Power requirements

- We have to take into account the total cost of any solution, and that so far they have all required substantial amounts of human ingenuity.
Discussion

- Odd groups: Further elaboration / additional points in Rodney’s support?
- Even groups: How would Sutton respond to Rodney?
Thank you