

End-to-end deep learning

Whether to use end-to-end learning

Pros and cons of end-to-end deep learning Pros:

- · Let the data speak
- · Less hand-designing of components needed

Cons:

- · May need large amount of data x -> y (x,y)
- Excludes potentially useful hand-designed components Data. Harl-design

Applying end-to-end deep learning

Key question: Do you have sufficient data to learn a function of the complexity needed to map x to y?

