

# Machine Learning E16 - Handin 2

## OCR with SVM and (Deep) Neural Nets

Mark Medum Bundgaard, Morten Jensen, Martin Sand Nielsen  
Aarhus University

October 24, 2016

### **1 SVM with SciKit-Learn**

-describe which kernels we have tried -include graphs for accuracy vs. C-value for various kernels -include graph for accuracy for C- vs gamma-value grid -should we measure or mention training time? - results (in table?)

### **2 Convolutional Neural Nets with TensorFlow**

- include illustration of network - training time - results

### **3 Making the best classifier in 2016 ML Class**

- describe image augmentation (or what we have done to achieve better data for training) - illustrate network - results