CS 66: Machine Learning

Prof. Sara Mathieson

Spring 2019
Outline for April 29

• Announcements
• SVM followups from guest lecture
• Machine Learning in Genetics
Announce

* Office Hours
  TODAY 12:30-2pm

* Ethics reading
  for Wed/Fri

* Exam back
  Wed or Fri

* Project check-in
  during Lab
Hinge loss

\[ J_c(\omega) = \max(0, -y_i \omega \cdot x_i) \]

Perceptron

\[ J_i(\hat{\omega}) = \max(0, \hat{y} - y_i \hat{\omega} \cdot \hat{x}_i) \]

SVM

happy

\[ y_i \omega \cdot x_i \]

\[ \hat{y} \]
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  Slides not posted online, let me know if you would like a copy or more information