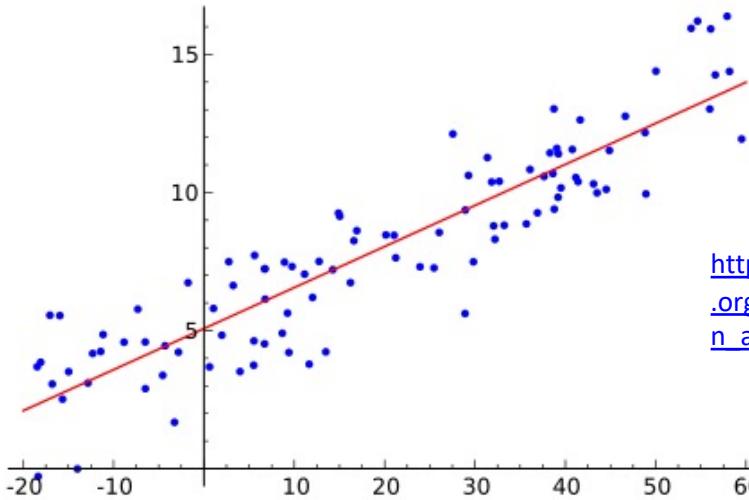


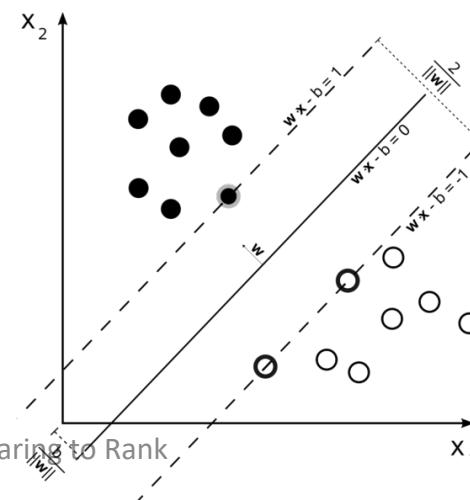
# Pointwise Learning to Rank

- Ideally perfect relevance prediction leads to perfect ranking
  - $f \rightarrow \text{score} \rightarrow \text{order} \rightarrow \text{metric}$
- Reduce ranking problem to
  - Regression
  - Classification



[http://en.wikipedia.org/wiki/Regression\\_analysis](http://en.wikipedia.org/wiki/Regression_analysis)

1st Lecture for Learning to Rank



[http://en.wikipedia.org/wiki/Statistical\\_classification](http://en.wikipedia.org/wiki/Statistical_classification)

75