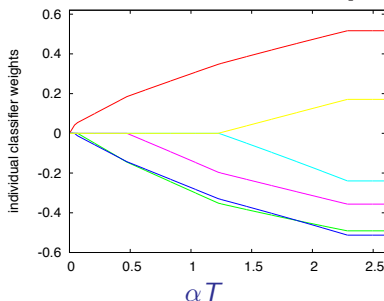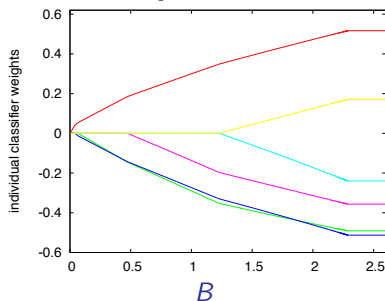# Regularization and AdaBoost

[Hastie, Tibshirani & Friedman; Rosset, Zhu & Hastie]

- Experiment 1: regularized solution vectors λ plotted as function of B

- Experiment 2: AdaBoost run with α_t fixed to (small) α
  - solution vectors λ plotted as function of αT

- plots are identical!
- can prove under certain (but not all) conditions that results will be the same (as $\alpha \to 0$)   [Zhao & Yu]