

Foundations of Machine Learning (CS 725)

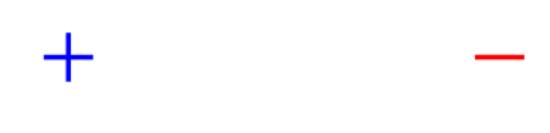
FALL 2024

Lecture 23:

- Boosting

Instructor: Preethi Jyothi

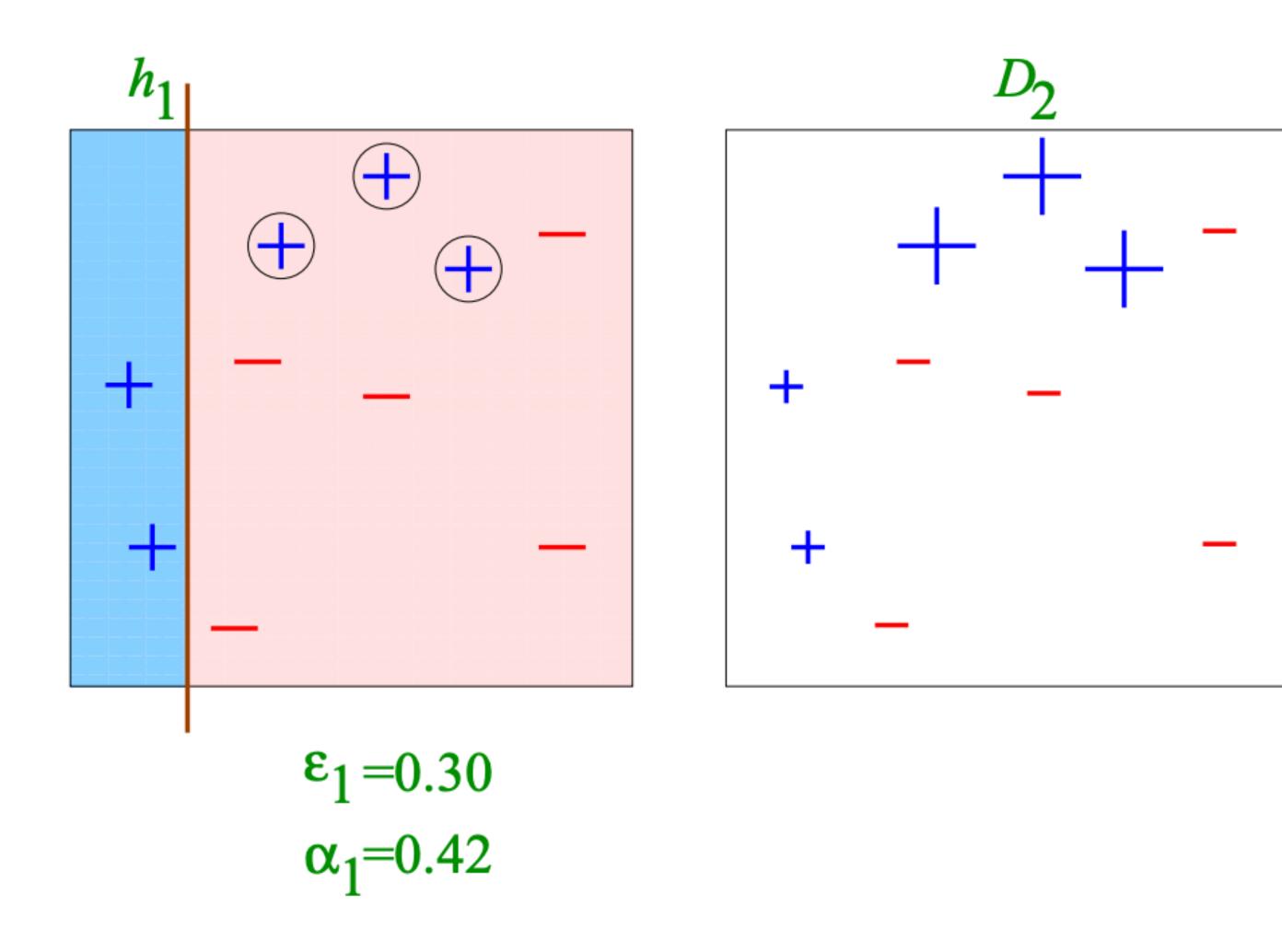
P_1 + +



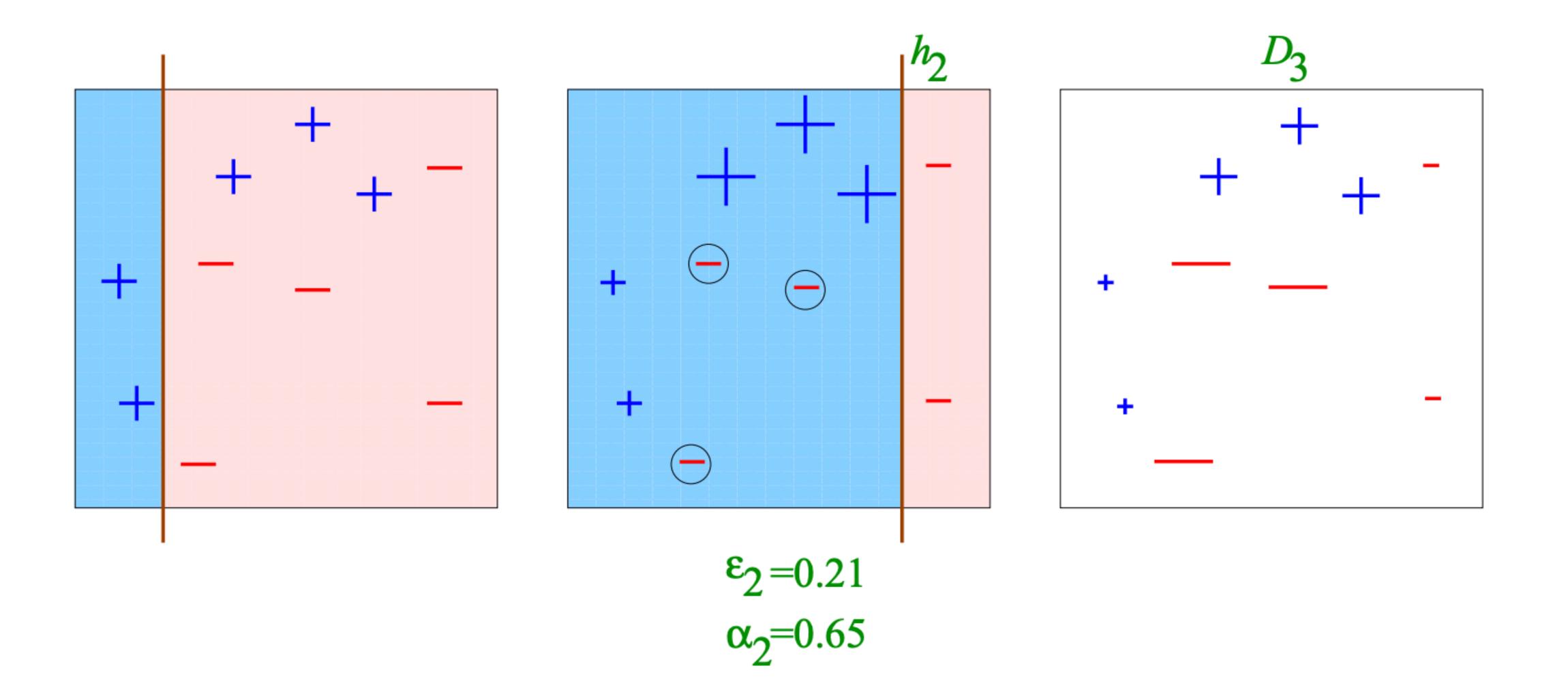
Toy Example

Weak classifiers derived from the hypothesis class of axis-parallel lines i.e., vertical or horizontal lines

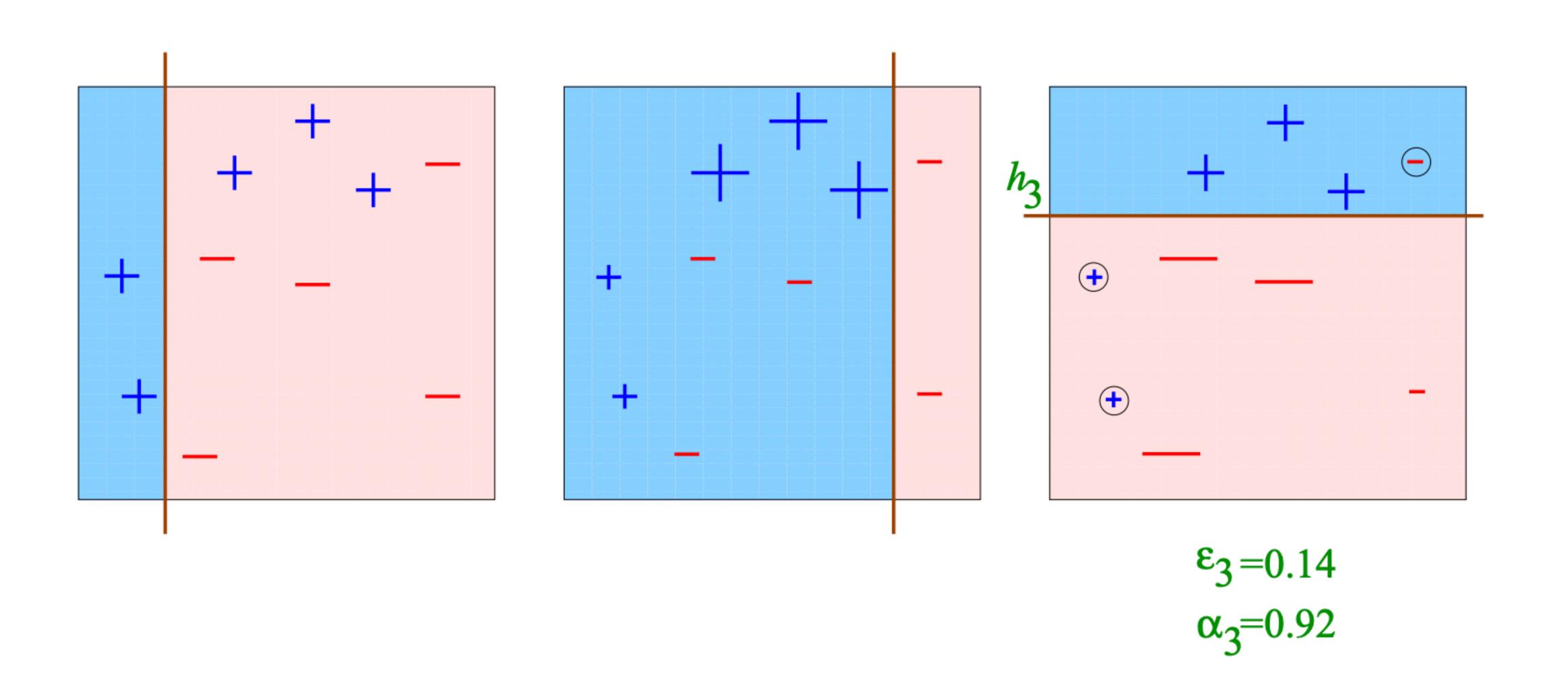
Adaboost: Round 1



Adaboost: Round 2



Adaboost: Round 3



Final Classifier

