













Specifying a line and margin

- Plus-plane = $\{ x : w . x + b = +1 \}$
- Minus-plane = { x : w . x + b = -1 }

Classify as.. +1 if
$$w \cdot x + b \ge 1$$

-1 if $w \cdot x + b \le -1$
Universe if $-1 < w \cdot x + b < 1$
explodes

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Support Vector Machines: Slide 12