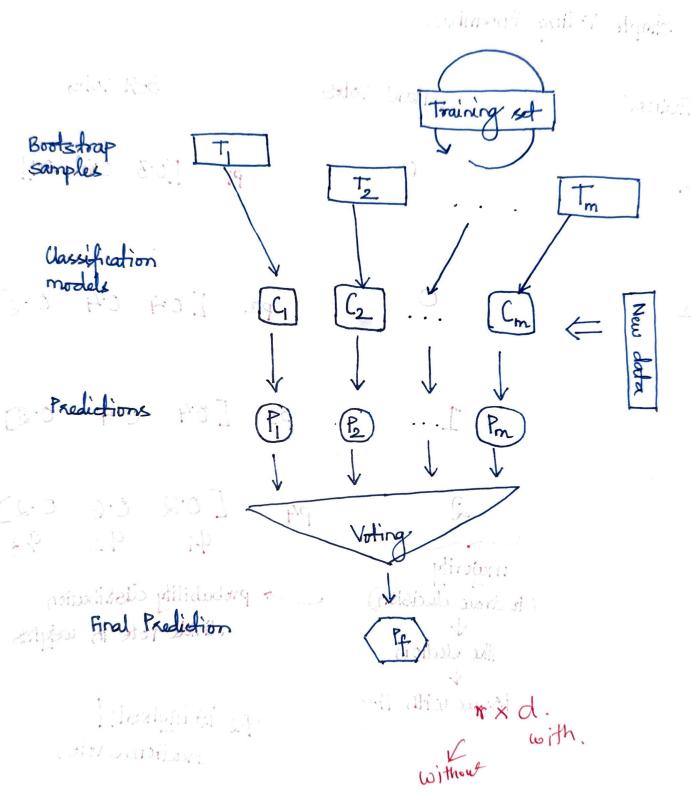
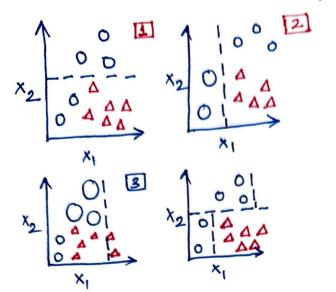
Chp7 → Ensem	bles CBagging & Boosting) although to	Mayorieland
			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Simple Votin	g Ensembles		
rained	thand Votes	Soft Yoles	
		bi [0.3	0.6 0.1]
			0.4 0.2
量	411		
			5.4 0.27
	majority		92 93
	(to draw decision) like election	probability of divide ro	te in weights
, x ⁴ (issue with the	9,2 is higher fraction	nal votes
	→	we can also to	itre geometric an.



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Adaptive Boost (Adaptost)



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Adaboost Psoudo Coal

· Initially, all n points are given equal weights, w; (0) for i=1,...n

· Train base classifier by on X with importance weights w(t-1)
· let Et be the training error of by
· Calculate an importance weight for classifier t: at = 1 ln 1-Ex

· Update the weight of point i: wi = wite -a, y, b, (xi) Et

· Normalize the weights, i.e. let &= & wi, and wi= wils