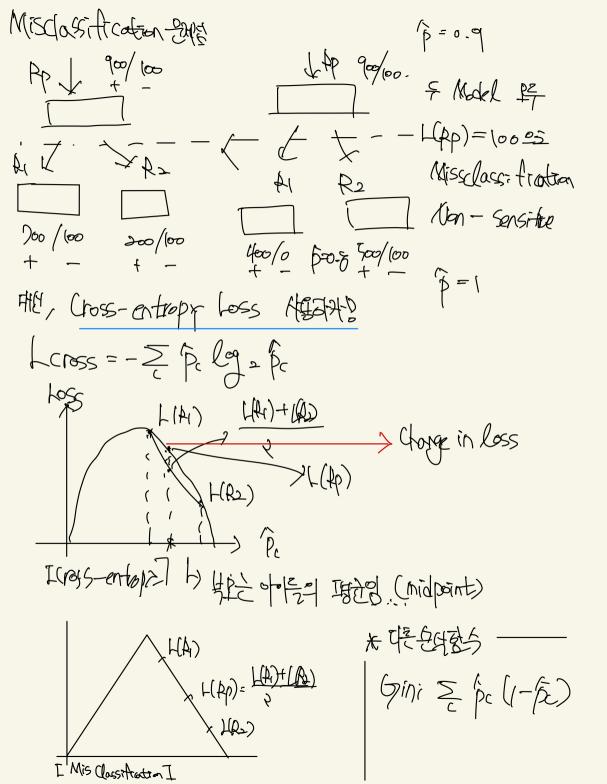


of Decision Trees H मान्स्य माह्य । Madel · 新公别M 感 Solve Will Greedy, Top-Down, Recursive Partitioning - Rigion Ap (Hatel) Looking for aget Gp of Sp(j, ±)=(9x)2; (t, +) ERP9 对我们下 对我 How to choose splits? - Define LCR): loss on Region EY: | Misclass = Max L(Rp) - (L(R1) + L(R2)) pavent loss Children loss



ressions trees Predict gn = Z y i 10t(0) > Time * 野憩野是 刻州和省 Detson Treet HAGESTASIE, COSHO min leaf size Equipmention (72/53) 13) max remper of reales

4) Min decrease in loss

HB 934 step = 1 > 164 22464

5) Pruning (mix lossitication cot)

15) Pruning (val set) Runtime -> Test time: O(d), d(log21) n examples Train time: 3745 part of O(d) rodes Cost of point at each node is O(+) + features 23AA 213 (est OCAL) -> 3-1824-2 Pentace d depth. 张阳 No additive structure 一、粉块粉红 短期 路支 J=7 RCOP - overfitting

Bad at additie (3) Cotogrial Vars 1) four predictive acc

(x>+ xxd of Var(xx) = 6 , Var(x) = Var(1/2xx) = 6 是 经 经 FETTE 18 drap. Kit id, Kis carchated by P dot Var(x) = P62 + 176 llags to usamble g 1) different algorithms. 2 different training sets 7) Bagging (Random Ferests)
4) Boosting (Adabast, ingboost) Baggiag - Boot strap Aggregation WILLS D' Lowing Set Sub , 사 D=S Bootstrap samples ZNS 一世别是那里是那个 21,2 ... Zm, Train Model Sman Zm G(m) = = 560 Bios-Variang 社首明 题, Vator = P6+中日 さま) driving down P / Move M -> less variona (外をはせ)

(四里學人) 中里哈 智县 (图

JDTs + Bagg ing bias law Rotalon Forest you Decrossing P 14) DC Corn Late Models * Carsider only a traction of your later textures Boosting decrose bias , Additive 一种 (Mal) 管部 告诫外... 野姐格生生 testal Hot VXn ex) Adaboost by (error) Gas = Z XnSm