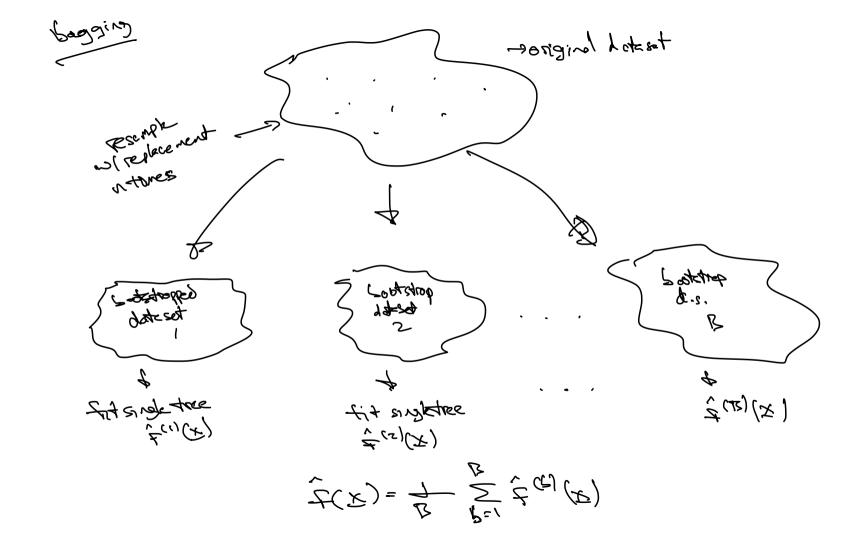
9.4	Corrects	
<u> </u>		

If a given predictor is categorical with q classes, there ere 29-1-1 passible splits ide two groups which becomes computationally prohibitive for large q. Mosesses, three tend to form those splits doe to their high limensionality, so should be avoided. Finally, importance measures such as nobe purity are liased to form these inputs. But permittation-based measures are not.

Note trees are discontinuous predictors ( ) some way multivarate a batthe regression splines (MARS) is one way around this.

9,5 Randon Forests 2 (7:1 4:1) E:= (x:1) orginal datest prestires [thinkplaye] singletree Fred best &K1, x2, ... , xp3 to sold over 4 location of sold [suppose variable :] ベジシ Find Let & x., x., .., x., ? Europen Exixo, xol 2017 oves 40 20/14 ares etc CtC



A rife follows some approved as bagging, Lut at every possible feature sold for every tree, rather than testing all features, we randomly select a subset of map to consider. This has the effect of Secondating of rees. treated bailonor-Pogster Bernblin n datagaint sampled from そくといれまりきこと

Fitter as follows: step 11 Randonly simple map features x,, -, x,00 m=4 check all X; G & X, X, x, x, B, x, 2} to best \$1/14 + location of 20 Ht x 2 4 5 resemblifton p features resemple 4 from Ex " - " + too } x j E & x 10, x 22, x 49, x 20) Eng X? E { X6, X8, x30, X 25} 4PS614 for lest sold

FOUNTS (X), ..., F(B) (X) For each B bootstraped dot-sot,

The Frol model is:

Mys 20 tem