	> classifiers
	Ensembler C1 C2 Cu
	Que co il i e
	> improvises your teoline ever since majority of models arent verons.
	Testing ervior 81/1ce mayority of moders witht
→	Baggine ensembler '
	30.0
	Model i's just the same eg: Decision tree
	Consider T, T2 Troops
	a sample set
	C1 > sample T1 T500T, T0 T6253 T3231
	· · · · · · · · · · · · · · · · · · ·
	C2 Similarly
	Ck (it's also ensembler)
	(its also ensembler)
	() 9 ₁
	develop & regression models (varying them)
	M, M ₂ M _K
	$\frac{1}{2} + \frac{1}{2} + \frac{1}$
C	
	$\frac{\sum \mathcal{E}_i}{k}$
	Let these Eis follows N((0,0,0.00),
	Cov (€, €2, €3€z))
	$E(E_1)=0$
	Van (E1) = E (E1-ECE))2
	$= E(E_1^2) = \mathcal{V}$

An assumption = Vor(Ex) Von(E1) 2 Von(E2)= COV (x,y)= E((x-E(x))(y-E(x)) Wow the voriat, on of X from ECX 6v(E1,E2) is varying with be voriability roughly similar predictions Conquiance is much lesser, they vary independently

$$Cov(E_1E_2) = E(E_1 - E(E_1))(E_2 - E(E_2))$$

$$= E(E_1E_2)$$

$$= C$$

We assume all consideras or same 1 2 Eq. '-- 15E hi'

1 (1'st sample) Earors; Can you awage these? NO E(LEGI) But then isn't Con canale error squared Gor arguments
Sake, lets assure E ((LE EI)) theyeen ot) $= \frac{1}{L^2} \left[\left(\underbrace{\Xi}_{i=1}^2 \in i^2 + \underbrace{\Xi}_{i=1}^2 \in i \in i \right) \right]$ = LZ E(& E(2) + Z & ECE(E;))

