

Coalescent theory

Only slightly fancier

	<u>Cole-esc</u> cent	<u>coalescent</u>
time	classes into the future	generations into the past
events	dice rolls, one student	coalescences, pairs of individuals
rate of events w/ i individuals	$i \leftarrow$ students uncalled $\frac{i}{N} \leftarrow$ class size	$\frac{\binom{i}{2}}{2N} \leftarrow = \frac{1}{2}i(i-1)$, #pairs \uparrow if diploid

Coalescent theory

Watch those factors of 2!

