

Pröbler

The Wright-Fisher process is wrong!

Question: what's missing w/ WFF model?

Universality

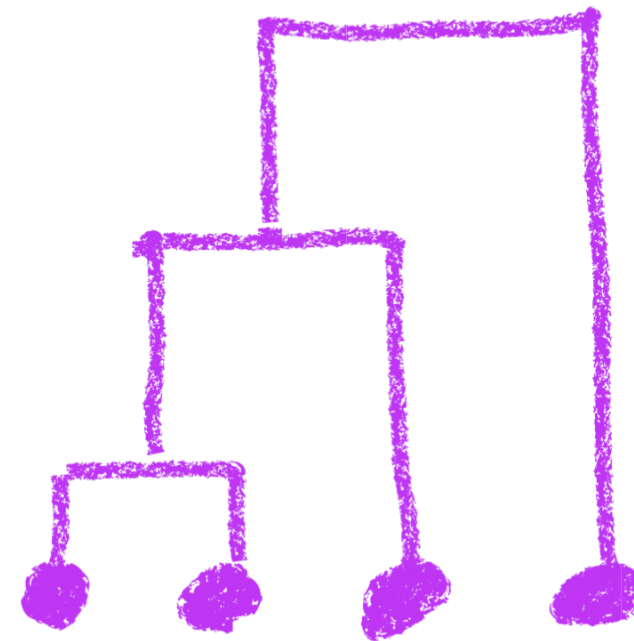
$$PV = nRT$$

Oh no, where
are the molecules?

It turns out...



Universe of models
(WF just one)



The coalescent limit



Problem

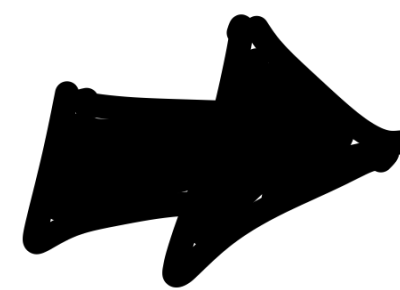
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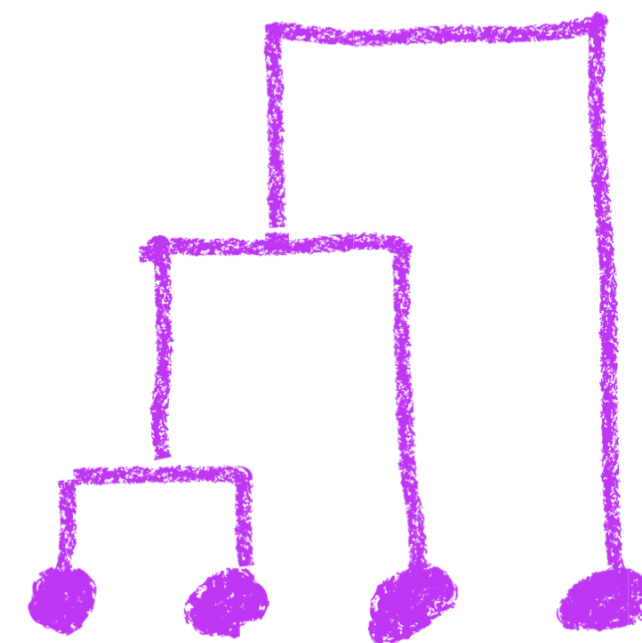
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Universe of models
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big N



The coalescent limit

Universality
 $PV = nRT$

Oh no, where
are the molecules?

Cole-escent theory

Inspired by GENOME 551 with Cole Trapnell

- 20 students in a class, numbered 1, 2, ..., 20
- Each day of class, professor rolls 20-sided die to choose a student to call on