

## MOL. PHYLOGENETICS

## POLLOCK &amp; GOLDSTEIN

- ① - Jukes-Cantor DOES NOT WORK WELL w/ TRANSITION BIAS
- KIMURA WORKS WELL w/ 2 RATES
- NEWER METHODS w/ MORE RATES

② VARIANCE

- CAN DIVIDE MEASURES INTO TWO

## SEPARATE ESTIMATES

- SOME USE JUST TRANSVERSIONS
- BUT DIFFICULT TO KNOW WHEN TO USE JUST ONE
- KIMURA SHOWED HOW TO DO DISSECTION INTO 2 TYPES

- VAD

- WHAT MUTATIONAL SIMULATION DID THEY USE?
- WHAT DO THEY MEAN BY VARIANCE?

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ratio estimates