



Cladistics 24 (2008) 825-847	10.1111/j.1096-0031.2008.00214
Parsimony and explanatory	power
James S. Farris*	
23 pages later:	
"Many, no doubt, would consider such cases waning integrity among scientists.	s depressing, signs of
But there is a silver lining.	
If these are the strongest criticisms that my to face, then it has a bright future indeed."	view of parsimony has























## Some results

- ML estimation of tree topology under the NCM- $N_r$  model applied to NCM- $N_r$  data leads to SIN.
  - No tree reconstruction method for NCM-N $_2$  data can avoid SIN
- There is a method for infering tree topology from NCM- $N_4$  (=NCM-Jukes Cantor) model that avoids SIN
- $\bigstar$  ML estimation of tree topology under the NCM-N<sub> $\infty$ </sub> model of NCM- N<sub> $\infty$ </sub> data avoids SIN



