

# 1.42 Statistical F-model

$$\underline{P(\vec{p}, \vec{\pi}, F_{ST} | \vec{x}, \vec{n})} \propto \prod_i \prod_j P(x_{ij} | p_{ij}, n_{ij})$$

↗ binomial

$$P(p_{ij} | \pi_j, \theta) \cdot P(\pi) \cdot P(F_{ST})$$

↙  
Beta()

$$\theta = \frac{1}{F_{ST}} - 1$$

↘  
Beta(1, 1)

rjags → JAGS