

# Fault-tolerance

- Packet loss
  - 50% packet loss: analyze with  $b$  replaced with  $b/2$
  - To achieve same reliability as 0% packet loss, takes twice as many rounds
- Node failure
  - 50% of nodes fail: analyze with  $n$  replaced with  $n/2$  and  $b$  replaced with  $b/2$
  - Same as above