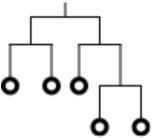
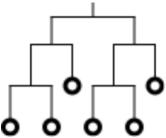
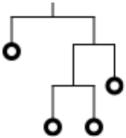


Distributed RFs

Method 1: Parallelize by tree ✓ low communication between nodes (only to reduce as part of map/reduce) X every node must have all data in memory X does not generalize to GBMs

















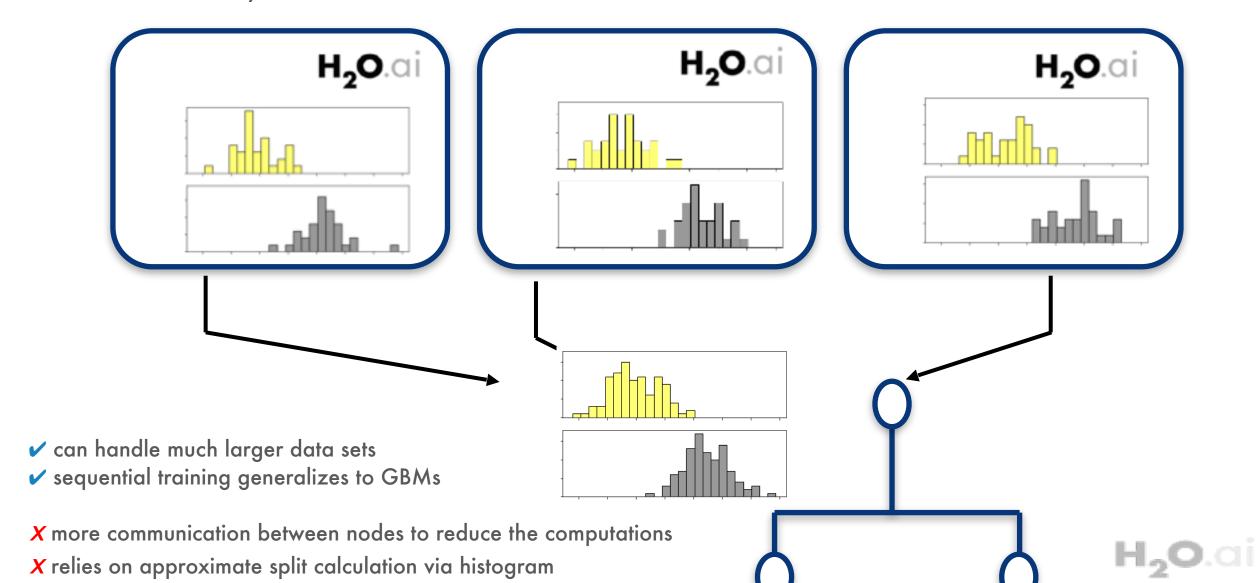


$$T_M(\mathbf{x})$$

$$f_M(\mathbf{x}) = \sum_{i=1}^M T_i(\mathbf{x})$$

Distributed RFs in H2O

Method 2: Parallelize by data



Distributed RFs

Method 1: Parallelize by tree

- ✓ low communication between nodes (only to reduce as part of map/reduce)
- X every node must have all data in memory
- X does not generalize to GBMs

