

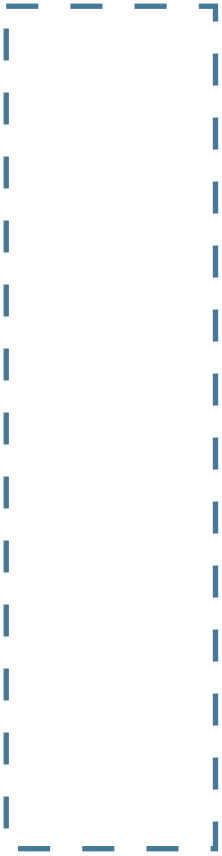


True Grit with Data Parallelism









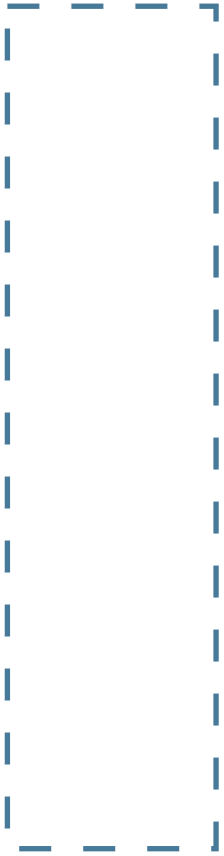












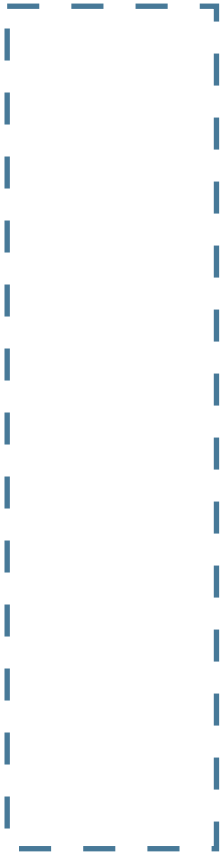


































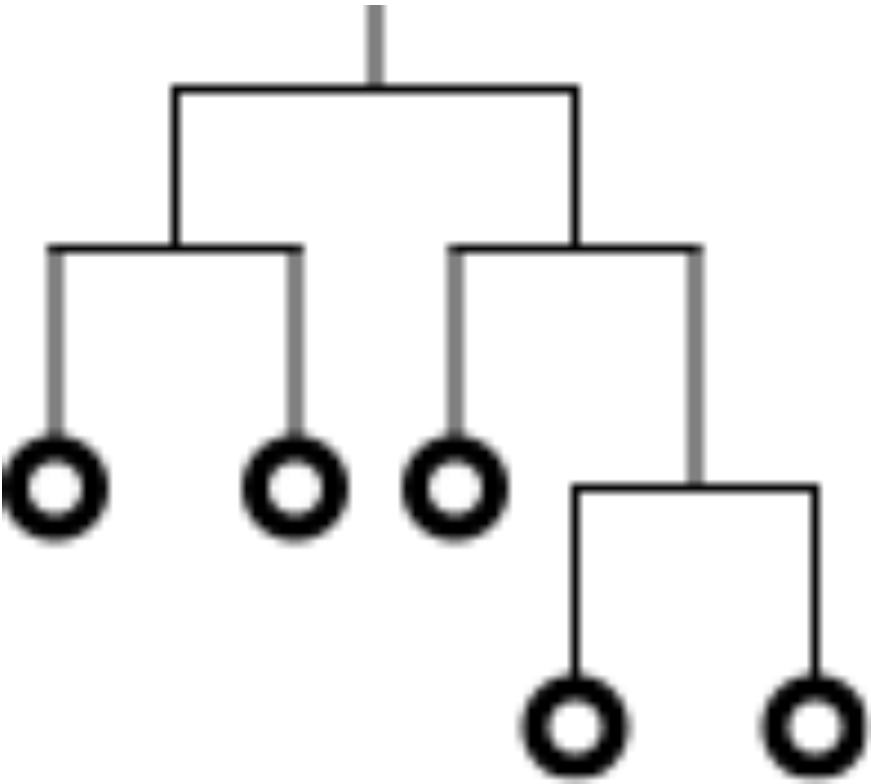


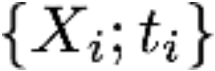
$$X = \{X_1, \dots, X_n\}$$







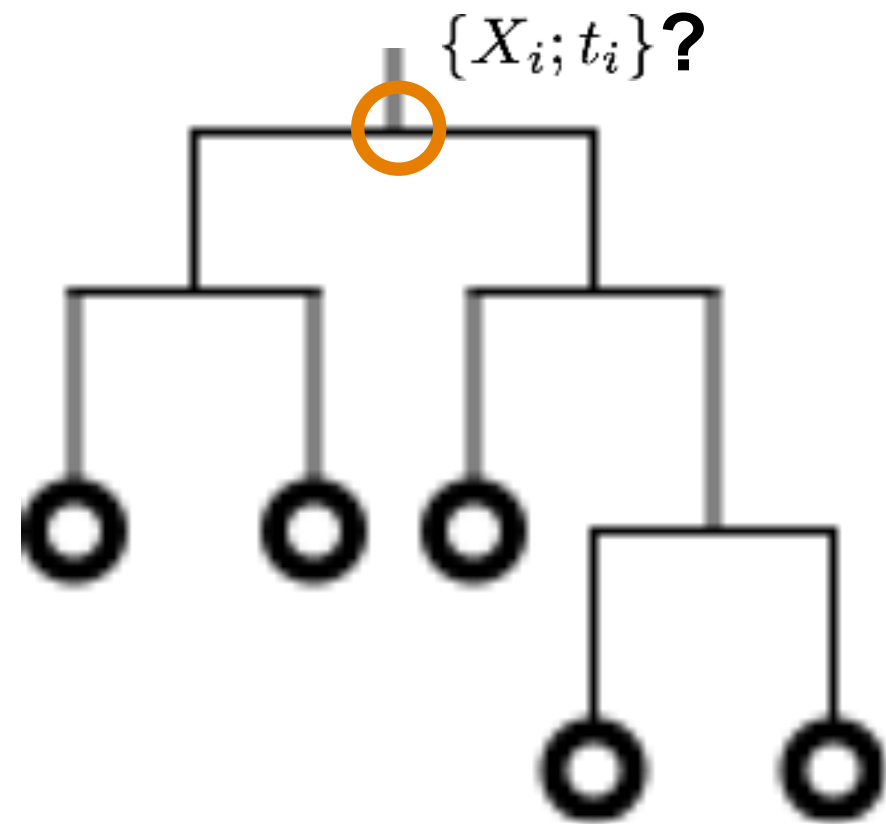








Tree Growth with Data Parallelism



$\text{math}(\mathbf{X}_1)$

$\text{math}(\mathbf{X}_2)$

$\text{math}(\mathbf{X}_K)$

$$\mathbf{X} = \{\mathbf{X}_1, \dots, \mathbf{X}_K\}$$



Tree Growth with Data Parallelism

