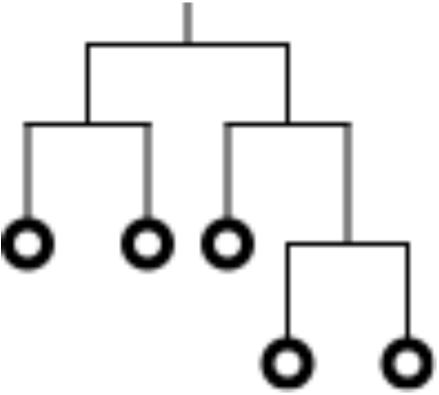
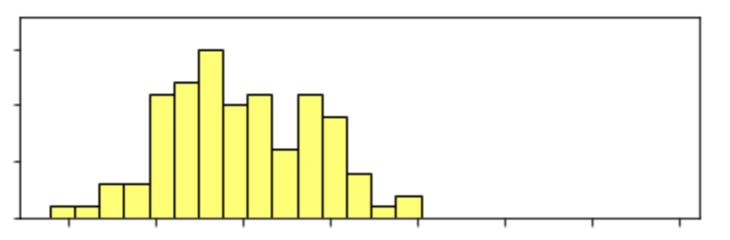


Numerical Binning (Histogramming)









• **nbins**: number of bins in histogram nbins_top_level: number of bins to use at
the top node, then halve at each ensuing level histogram_type: method for binning {Uniform
Adaptive, Random, QuantilesGlobal, RoundRobin}

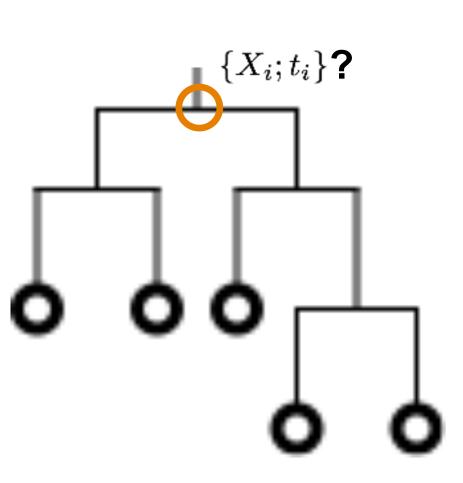
Categorical Binning

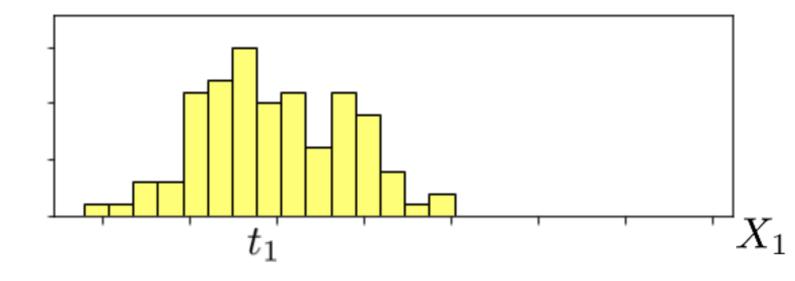
• Lexigraphical ordering (i.e. alphabetical ordering)

- Example: {Red, Blue, Yellow, Orange, Purple, Green}
 - Lexigraphical order: {Blue, Green, Orange, Purple, Red, Yellow}
 - o nbin_cats = 2: {Blue, Green, Orange}, {Purple, Red, Yellow}
 - o nbin_cats = 3: {Blue, Green}, {Orange, Purple}, {Red, Yellow}
 - onbin_cats >= 6: {Blue}, {Green}, {Orange}, {Purple}, {Red},
 {Yellow}



Numerical Binning (Histogramming)





- **nbins**: number of bins in histogram
- nbins_top_level: number of bins to use at
 the top node, then halve at each ensuing level
- histogram_type: method for binning {Uniform
 Adaptive, Random, QuantilesGlobal, RoundRobin}

