$\begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 51 \\ \text{value} = [51. \ 0. \ 0.] \end{array} \quad \begin{array}{c} X[7] <= 0.9984 \\ \text{gini} = 0.5 \\ \text{samples} = 2 \end{array} \quad \begin{array}{c} X[55] <= 46.0000 \\ \text{gini} = 0.125554733728 \\ \text{samples} = 208 \end{array} \quad \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 12 \\ \text{value} = [12. \ 0. \ 0.] \end{array}$  $\begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 6 \\ \text{value} = [\ 6.\ 0.\ 0.] \end{array} \quad \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [\ 0.\ 1.\ 0.] \end{array} \quad \begin{array}{c} X[7] <= 2.0869 \\ \text{gini} = 0.0698382692712 \\ \text{samples} = 276 \end{array} \quad \begin{array}{c} X[34] <= 0.4706 \\ \text{gini} = 0.36815193572 \\ \text{samples} = 37 \end{array}$  $X[59] \le 24.5000$  gini = 0.0000 samples = 163 value = [ 163. 0. 0.] gini = 0.0000 samples = 3 value = [ 0. 3. 0.] gini = 0.0000 samples = 1 value = [ 1. 0. 0.] gini = 0.120084603108 samples = 8326 gini = 0.227728468113 samples = 156 gini = 0.0148139897527 samples = 8 value =  $[8. \ 0. \ 0.]$  g samples = 71samples = 9 gini = 0.12381852552 samples = 46 gini = 0.0405231866825 samples = 145

samples = 2
value = [ 2. 0. 0.] gini = 0.4032 samples = 25gini = 0.172479912345 | gini = 0.651111111111 samples = 139samples = 142gini = 0.0000samples = 134value =  $\begin{bmatrix} 134 & 0 & 0. \end{bmatrix}$  X[4] <= 0.0884gini = 0.48samples = 5samples = 8 | gini = 0.459183673469 value = [ 0. 8. 0.] samples = 14 gini = 0.0000samples = 192 x = 4.7261gini = 0.5| value = [ 0. 192. 0. ] | samples = 2| value = [ 0. 3. 0. ] | value = [ 2. 0. 0. ] | $\begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 22 \\ \text{value} = [ \ 0. \ 22. \ 0. ] \end{array} \quad \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 6 \\ \text{value} = [ \ 6. \ 0. \ 0. ] \end{array} \quad \begin{array}{c} \text{X}[39] <= 93.3000 \\ \text{gini} = 0.4890260631 \\ \text{samples} = 54 \end{array} \quad \begin{array}{c} \text{X}[74] <= 93903.0000 \\ \text{gini} = 0.0530233835171 \\ \text{samples} = 7995 \end{array}$  $X[57] \le 29.4946$  gini = 0.0000 gini = 0.0000gini = 0.0000 gini = 0.0000 X[2] <= 1.6450 X[31] <= 9.2379 gini = 0.0000 gini = 0.0000 $X[23] \le 0.3244$  gini = 0.0000 gini = 0.0000 gini = 0.0000gini = 0.0000 gini = 0.0000 samples = 1  $\frac{8}{1}$  samples = 9 samples = 1 samples = 2gini = 0.0169043517384 | samples = 1 gini = 0.401234567901 samples = 18samples = 822 value = [1. 0. 0.]value = [ 0. 1. 0.] value = [ 0. 0. 9.] value = [ 0. 0. 1.] value = [ 0. 2. 0.]  $X[66] \le 40.0285$ gini = 0.0121621702405 samples = 818  $X[10] \le 0.3284$ gini = 0.5 samples = 4  $X[38] \le 352.8000$  gini = 0.060546875 samples = 32 gini = 0.0000 samples = 22 value = [0. 0. 22.]  $X[68] \le 43.5000$  gini = 0.6584 samples = 50gini = 0.0000samples = 2 x[34] <= 1.2511gini = 0.0172400756144 $X[40] \le 16831238.0000$  gini = 0.0000 samples = 2 | gini = 0.0405231866825| value = [0. 0. 2.] | value = [0. 10. 0.] | samples = 274 | value = [6. 0. 0.] |samples = 7945value = [ 2. 0. 0.] samples = 145 value = [ 2. 0. 0.] samples = 345 X[79] <= 2.0070  $X[18] \le 0.6084$   $X[19] \le 2.8874$  $X[77] \le 5367453.5000$  gini = 0.0000  $X[7] \le 3.1144$  gini = 0.0000 gini = 0.567307692308 samples = 52 gini = 0.42 samples = 135 gini = 0.0395703018176 gini = 0.0435451586988 | samples = 3 samples = 342 samples = 3 samples = 7893 samples = 271 value = [0. 3. 0.]samples = 10 | value = [0. 135. 0.] |  $X[73] \le 1663372.0000$   $X[63] \le 6.5000$  $X[1] \le 0.6304$  $X[25] \le 97.5000$  gini = 0.0000 X[7] <= 0.8125samples = 14 | gini = 0.340264650284 | gini = 0.499634769905 gini = 0.0293804673788 | samples = 2 value = [ 0. 0. 14.] samples = 23 samples = 7881 samples = 12samples = 269 | value = [2, 0, 0]samples = 15samples = 37| value = [ 0. 7. 0. ] | value = [ 3. 0. 0. ] | $\begin{array}{c|c}
gini = 0.0000 \\
samples = 1
\end{array}
\qquad
\begin{array}{c|c}
gini = 0.0000 \\
samples = 1
\end{array}$ X[27] <= 12095700.0000 X[13] <= 9.5115 gini = 0.0000 gini = 0.00494741642598 gini = 0.32 gini = 0.0000 gini = 0.0000 gini = 0.0000 gini = 0.0000gini = 0.0000  $X[44] \le 5.0217$ samples = 1 gini = 0.0221374470929samples = 807 samples = 5 value = [1, 0, 0,] value = [0, 3, 0,]value = [ 1. 0. 0.] samples = 268 value = [ 0. 1. 0.] value = [ 1. 0. 0.] X[33] <= 1.4574 gini = 0.32 samples = 5 X[4] <= 0.0595 gini = 0.00249065615264 samples = 802 gini = 0.0000 samples = 4 value = [0. 4. 0.] gini = 0.0000 samples = 1 value = [1. 0. 0.]X[39] <= 93.2000 gini = 0.0000 samples = 4 $\begin{array}{c|c}
gini = 0.32 \\
samples = 5
\end{array} \qquad \begin{array}{c|c}
samples = 4 \\
value = [0. 0. 4.]
\end{array}$ gini = 0.253045653653samples = 323samples = 267 | value = [0. 1. 0.]X[39] <= 1415.0000 gini = 0.0000 gini = 0.0000 gini = 0.0000 gini = 0.0230759902579 gini = 0.0230759902579 gini = 0.0000 $X[36] \le 0.3621$ gini = 0.0000 gini = 0.0000 X[50] <= 204158.0000samples = 1 samples = 4gini = 0.102438452215 samples = 1 | gini = 0.00749053083837 |samples = 4 | samples = 1 | gini = 0.244897959184 | samples = 795 gini = 0.405482041588 value = [0, 0, 1] value = [0, 4, 0] value = 277 value = 46value = [0, 4, 0] value = [1, 0, 0] value = [0, 795, 0]value = [ 0. 1. 0.] samples = 266  $X[34] \le 0.9987$  gini = 0.0000 gini = 0.0000 samples = 2 samples = 4 gini = 0.336734693878 gini = 0.0000samples = 6samples = 1 $\begin{array}{c|c}
gini = 0.0000 \\
samples = 2
\end{array}$   $\begin{array}{c|c}
gini = 0.0000 \\
samples = 1
\end{array}$  $\begin{array}{c|c}
gini = 0.0000 \\
samples = 265
\end{array}$   $\begin{array}{c|c}
gini = 0.0000 \\
samples = 1
\end{array}$  $X[80] \le 1.1750$  gini = 0.0000 gini = 0.0223069199403 | samples = 3 samples = 275 | value = [0. 2. 0.] | value = [0. 0. 4.] | samples = 42 value = [ 0. 6. 0.] value = [ 0. 0. 1.] samples = 7544 | value = [0. 3. 0.] | | value = [ 0. 0. 265.] | value = [ 0. 1. 0.] | value = [ 0. 2. 0. ] | value = [ 0. 0. 1. ] $X[38] \le 281.3000$  gini = 0.0000 samples = 24 X[66] <= 40.6822 X[79] <= 1.5467 gini = 0.48samples = 10gini = 0.0837551281368 | samples = 1 gini = 0.0212963597852 samples = 7534 samples = 274 | value = [0. 1. 0.] | gini = 0.0535991071982 samples = 254 samples = 3value = [ 0. 6. 0.] | samples = 12  $\begin{array}{c} X[13] <= 0.2792 \\ \text{gini} = 0.0463059882204 \\ \text{samples} = 253 \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 253 \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 4 \\ \text{value} = [0. \ 4. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 8 \\ \text{value} = [0. \ 4. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 8 \\ \text{value} = [0. \ 4. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [0. \ 1. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [0. \ 1. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [0. \ 2. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 2 \\ \text{value} = [0. \ 4. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [0. \ 4. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [0. \ 4. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [0. \ 4. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [0. \ 4. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [0. \ 4. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [0. \ 4. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [0. \ 4. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [0. \ 4. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [0. \ 4. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [0. \ 4. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [0. \ 4. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [0. \ 4. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [0. \ 4. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [0. \ 4. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [0. \ 4. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [0. \ 4. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [0. \ 4. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [0. \ 4. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [0. \ 4. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [0. \ 4. \ 0.] \end{array} \\ \begin{array}{c} \text{gi$ samples = 7364samples = 248samples = 166samples = 21  $X[45] <= 0.1629 \ \text{gini} = 0.0163923229288 \ \text{samples} = 242$   $X[81] <= 0.8225 \ \text{gini} = 0.0000 \ \text{samples} = 1 \ \text{value} = [\ 0.\ \ 1.\ \ 0.]$   $X[27] <= 44342248.0000 \ \text{gini} = 0.0000 \ \text{samples} = 8 \ \text{value} = [\ 0.\ \ 0.\ \ 1.]$   $X[27] <= 44342248.0000 \ \text{gini} = 0.0000 \ \text{samples} = 8 \ \text{value} = [\ 0.\ \ 0.\ \ 8.]$   $X[66] <= 35.4121 \ \text{gini} = 0.32 \ \text{samples} = 20$ samples = 7301samples = 32samples = 8 | value = [0. 0. 23]gini = 0.0109877901164 gini = 0.0785716359414 samples = 6886 samples = 415 value = [0. 1. 0.] value = [0. 0. 5.] value = 8samples = 6840 $X[39] \le 104.1000$   $X[36] \le 0.4757$ gini = 0.0000 gini = 0.000  $X[12] \le 0.2472$  gini = 0.0000 gini = 0.0000samples = 7 samples = 1|gini = 0.010126320015| samples = 1 value = [0. 0. 41.] value = [5. 0. 0.] samples = 119 samples = 6721value = [ 0. 0. 7.] value = [ 0. 1. 0.]  $\begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 107 \\ \text{value} = [ \ 0. \ 0. \ 107. ] \end{array} \\ \begin{array}{c} \text{X}[34] <= 0.3500 \\ \text{gini} = 0.0000 \\ \text{samples} = 6 \\ \text{value} = [ \ 0. \ 6. \ 0. ] \end{array} \\ \begin{array}{c} \text{X}[50] <= 730166.5000 \\ \text{gini} = 0.00543525828878 \\ \text{samples} = 6609 \end{array} \\ \begin{array}{c} \text{X}[64] <= 82.5000 \\ \text{gini} = 0.0000 \\ \text{samples} = 4 \\ \text{value} = [ \ 0. \ 4. \ 0. ] \end{array} \\ \begin{array}{c} \text{X}[20] <= 1.4017 \\ \text{gini} = 0.0224690082645 \\ \text{samples} = 88 \end{array} \\ \end{array}$ X[39] <= 1257.0500 X[49] <= 99460.0000 X[49] <= 99460.0000gini = 0.0000 gini = 0.0000samples = 1 samples = 1value = [ 0. 1. 0.] value = [ 0. 0. 1.] X[77] <= 1240704.5000 gini = 0.00398532284306 samples = 6514 X[39] <= 1257.2500 gini = 0.0798611111111 samples = 48 gini = 0.0000 samples = 10 value = [0. 0. 10.] gini = 0.0000 samples = 1 value = [0. 1. 0.]gini = 0.0000  $X[2] \le 0.9031$  $X[24] \le 0.3688$   $X[64] \le 81.5000$ samples = 1 value = [ 0. 1. 0.] gini = 0.0416478044364 samples = 47 gini = 0.00312426345116 samples = 6394 gini = 0.04875 samples = 120 gini = 0.00312426345116  $X[82] \le 0.9468$   $X[51] \le 253965.5000$   $X[51] \le 0.000672607961543$   $X[51] \le 253965.5000$   $X[51] \le 0.0296229295042$   $X[51] \le 0.0296229295042$   $X[51] \le 0.0256999494012$   $X[51] \le 0.0256999494012$ gini = 0.0000samples = 1value = [0. 0. 1.]gini = 0.0000samples = 3value = [0. 3. 0.]samples = 5945 | samples = 133 | value = [1. 0. 0.] | samples = 308 $X[79] \le 1.2326$   $X[50] \le 99330.0000$   $X[16] \le 0.0757$   $X[7] \le 0.2818$  $\begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 5506 \\ \text{value} = [ \ 0. \ 0. \ 5506.] \end{array} \\ \begin{array}{c} \text{X[79]} <= 1.2346 \\ \text{gini} = 0.000576364061612 \\ \text{samples} = 346 \end{array} \\ \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 91 \\ \text{value} = [ \ 0. \ 0. \ 91.] \end{array} \\ \begin{array}{c} \text{X[73]} <= 21149.0000 \\ \text{gini} = 0.5 \\ \text{samples} = 2 \\ \text{value} = [ \ 2. \ 0. \ 0.] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 4 \\ \text{value} = [ \ 0. \ 0. \ 4.] \end{array} \\ \begin{array}{c} \text{X[72]} <= 1202085.5000 \\ \text{gini} = 0.0129864581998 \\ \text{samples} = 306 \end{array} \\ \end{array} \\ \begin{array}{c} \text{Samples} = 2 \\ \text{value} = [ \ 0. \ 0. \ 4.] \end{array} \\ \begin{array}{c} \text{Sini} = 0.0000 \\ \text{Samples} = 2 \\ \text{value} = [ \ 0. \ 0. \ 4.] \end{array} \\ \begin{array}{c} \text{Sini} = 0.0000 \\ \text{Samples} = 306 \end{array} \\ \end{array}$  $X[23] \le 0.1068$  gini = 0.0000 gini = 0.0000 samples = 342 gini = 0.0000 samples = 1 samples = 1 gini = 0.0065358774523value = [ 0. 1. 0.] samples = 305