$X[21] \le 0.3846$ gini = 0.021736505253 samples = 91 X[21] <= 0.2972 gini = 0.0000 samples = 2 value = [ 0. 2. 0.] gini = 0.0000 samples = 5 value = [ 0. 5. 0.] gini = 0.0000samples = 1value = [0. 1. 0.]gini = 0.0000samples = 1value = [0. 0. 1.]gini = 0.0000samples = 1 value = [ 1. 0. 0.]

gini = 0.0000samples = 1 value = [ 0. 1. 0.] X[9] <= 1.4763 X[58] <= 26.6306 gini = 0.0569007942199 gini = 0.0242387745116 samples = 163

gini = 0.355029585799 samples = 13  $\begin{array}{c|c}
\text{gini} = 0.260355029586 \\
\text{samples} = 13
\end{array}$   $\begin{array}{c|c}
\text{gini} = 0.135920451492 \\
\text{samples} = 305
\end{array}$ gini = 0.165289256198 samples = 22 samples = 8016  $X[39] <= 240.5000 \\ gini = 0.0266617969321 \\ samples = 148$   $gini = 0.0000 \\ samples = 1 \\ value = [1. \ 0. \ 0.]$   $gini = 0.0000 \\ samples = 4 \\ value = [4. \ 0. \ 0.]$   $gini = 0.0000 \\ samples = 4 \\ value = [4. \ 0. \ 0.]$   $gini = 0.0000 \\ samples = 1 \\ value = [1. \ 0. \ 0.]$   $gini = 0.0000 \\ samples = 3 \\ value = [0. \ 1. \ 0.]$   $gini = 0.0000 \\ samples = 3 \\ value = [0. \ 1. \ 0.]$   $gini = 0.0000 \\ samples = 3 \\ value = [0. \ 1. \ 0.]$   $value = [0. \ 3. \ 0.]$  $\begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 2 \\ \text{value} = [\ 0.\ 0.\ 2.] \end{array} \quad \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 11 \\ \text{value} = [\ 0.\ 11.\ 0.] \end{array} \quad \begin{array}{c} \text{X}[25] <= 97.5000 \\ \text{gini} = 0.0968199630647 \\ \text{samples} = 298 \end{array} \quad \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 7 \\ \text{value} = [\ 7.\ 0.\ 0.] \end{array}$  $\begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 155 \\ \text{value} = [ \ 0. \ 155. \ 0. ] \end{array} \\ \begin{array}{c} \text{X[6]} <= 0.2026 \\ \text{gini} = 0.0000 \\ \text{samples} = 10 \\ \text{value} = [ \ 0. \ 10. \ 0. ] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 3 \\ \text{value} = [ \ 0. \ 0. \ 3. ] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 20 \\ \text{value} = [ \ 0. \ 20. \ 0. ] \end{array} \\ \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 2 \\ \text{value} = [ \ 2. \ 0. \ 0. ] \end{array} \\ \begin{array}{c} \text{X[40]} <= 93.3000 \\ \text{gini} = 0.491900826446 \\ \text{samples} = 55 \end{array} \\ \begin{array}{c} \text{X[75]} <= 99747.5000 \\ \text{gini} = 0.0498879089954 \\ \text{samples} = 7961 \end{array} \\ \end{array}$ X[80] <= 1.0026 gini = 0.48 samples = 10 X[31] <= 1.5265 gini = 0.0600925425155 samples = 129  $X[39] \le 352.8000$  gini = 0.060546875 samples = 32 gini = 0.0000 samples = 23 value = [0. 0. 23.]  $X[68] \le 31.4421$  gini = 0.619667013528 samples = 62gini = 0.0000samples = 2value = [0. 2. 0.]gini = 0.0000samples = 1value = [1. 0. 0.]gini = 0.0000samples = 5value =  $[5. \ 0. \ 0.]$  X[37] <= 1.3700gini = 0.066488350476samples = 293gini = 0.0000samples = 1value =  $[1. \ 0. \ 0.]$  X[10] <= 0.2774gini = 0.00583085393796samples = 342gini = 0.0000samples = 2value = [0. 0. 2.]gini = 0.0000samples = 6value = [0. 6. 0.]gini = 0.0000 X[77] <= 24398910.0000 X[58] <= 29.5145  $X[14] \le 3.4115$  gini = 0.0000 samples = 3 value = [ 0. 3. 0.] gini = 0.244897959184 samples = 7 gini = 0.375 samples = 8

samples = 140 value = [ 0. 140. 0.] gini = 0.0322493953238 samples = 122 gini = 0.408163265306 samples = 7 samples = 7899  $\begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 31 \\ \text{value} = [ \ 0. \ 31. \ 0. ] \end{array} \quad \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [ \ 0. \ 0. \ 1. ] \end{array} \quad \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 11 \\ \text{value} = [ \ 11. \ 0. \ 0. ] \end{array} \quad \begin{array}{c} \text{X[32]} <= 0.0043 \\ \text{gini} = 0.484429065744 \\ \text{samples} = 51 \end{array}$  $X[52] \le 31056.0000$  gini = 0.0000  $\begin{array}{c|c}
gini = 0.0000 \\
samples = 6
\end{array}
\qquad
\begin{array}{c}
gini = 0.0000 \\
samples = 2
\end{array}$ gini = 0.0000  $X[7] \le 2.0476$ X[74] <= 1663372.0000  $X[80] \le 2.0477$   $X[1] \le 2.0331$ gini = 0.0386580627627 samples = 7879 gini = 0.595samples = 20samples = 340gini = 0.5gini = 0.00972040452112 samples = 290 value = [0. 3. 0.]value = [ 0. 6. 0.] value = [ 2. 0. 0.] samples = 820 samples = 2 $\begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [\ 0.\ 1.\ 0.] \end{array} \quad \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [\ 0.\ 0.\ 1.] \end{array} \quad \begin{array}{c} \text{X[81]} <= 0.5848 \\ \text{gini} = 0.4444444444 \\ \text{samples} = 3 \end{array} \quad \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 117 \\ \text{value} = [\ 0.\ 0.\ 117.] \end{array}$ X[80] <= 2.0070 gini = 0.0367070065665 samples = 8 value = [ 8. 0. 0.] X[72] <= 55872736.0000 gini = 0.4609375 samples = 4 value = [ 4. 0. 0.] gini = 0.265927977839 samples = 19 gini = 0.489795918367 samples = 7 gini = 0.0209766634619 samples = 283 samples = 32 X[58] <= 32.0365 gini = 0.137174211248 samples = 27 gini = 0.0000 samples = 780 value = [ 0. 780. 0.] gini = 0.0000 samples = 11 value = [ 0. 11. 0.] gini = 0.0000 samples = 2 value = [ 2. 0. 0.] $X[8] \le 0.8846$ gini = 0.128418549346 samples = 29

gini = 0.0000 samples = 3 value = [ 0. 3. 0.] gini = 0.0000samples = 2 value = [0. 0. 2.]gini = 0.0000samples = 1 value = [0. 1. 0.] $X[39] \le 284.4500$  gini = 0.0342854437151 samples = 7861  $X[68] \le 26.5436$  gini = 0.42 samples = 10gini = 0.0000samples = 2 value = [ 0. 0. 2.] X[3] <= 0.4973gini = 0.110726643599samples = 17 X[14] <= 1.1717 gini = 0.165289256198 samples = 11  $\begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [\ 0.\ \ 1.\ \ 0.] \end{array} \qquad \begin{array}{c} X[80] <= 1.9606 \\ \text{gini} = 0.00709210876255 \\ \text{samples} = 281 \end{array}$  $\begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [\ 0.\ 0.\ 1.] \end{array} \qquad \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 16 \\ \text{value} = [\ 0.\ 16.\ 0.] \end{array} \qquad \begin{array}{c} \text{X[69]} <= 34.5000 \\ \text{gini} = 0.44444444444 \\ \text{samples} = 3 \end{array} \qquad \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 26 \\ \text{value} = [\ 0.\ 0.\ 26.] \end{array}$ gini = 0.0000samples = 2value = [0. 0. 2.]gini = 0.0000samples = 25value = [0. 25. 0.]gini = 0.269865436371 samples = 255 $\begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 280 \\ \text{value} = [ \ 0. \ 0. \ 280.] \end{array}$  $\begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 2 \\ \text{value} = [\ 0.\ \ 2.\ \ 0.] \end{array} \quad \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [\ 0.\ \ 0.\ \ 1.] \end{array} \quad \begin{array}{c} \text{X[51]} <= 204158.0000 \\ \text{gini} = 0.0659607376562 \\ \text{samples} = 205 \end{array}$ X[40] <= 1415.0000 gini = 0.0234442378111 samples = 7595 gini = 0.4352samples = 50gini = 0.495867768595 samples = 11  $\begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 2 \\ \text{value} = [\ 0.\ \ 2.\ \ 0.] \end{array} \quad \begin{array}{c} X[39] <= 281.5000 \\ \text{gini} = 0.497448979592 \\ \text{samples} = 28 \end{array} \quad \begin{array}{c} X[56] <= 48.0000 \\ \text{gini} = 0.0867768595041 \\ \text{samples} = 22 \end{array}$ X[37] <= 1.5908 gini = 0.0000 samples = 3 value = [ 0. 3. 0.] X[50] <= 76570.0000 gini = 0.27777777778 samples = 5 value = [ 0. 5. 0.] X[35] <= 0.9568 gini = 0.048047756558 samples = 203 gini = 0.0000 samples = 1 value = [ 0. 1. 0.] samples = 202  $X[40] \le 1279.0500$  gini = 0.0214051252646 samples = 7587 gini = 0.0000 samples = 2 value = [0. 2. 0.]X[79] <= 346841.0000 gini = 0.0294052127423 samples = 201 gini = 0.0000 samples = 1 value = [ 0. 1. 0.]  $\begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [\ 0.\ \ 0.\ \ 1.] \end{array} \qquad \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 2 \\ \text{value} = [\ 0.\ \ 2.\ \ 0.] \end{array}$ X[51] <= 160560.5000 gini = 0.0102038132807 samples = 195 gini = 0.018988151504 samples = 7519  $\begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 190 \\ \text{value} = [ \ 0. \ 0. \ 190.] \end{array} \qquad \begin{array}{c} X[73] <= 3454267.0000 \\ \text{gini} = 0.32 \\ \text{samples} = 5 \end{array} \qquad \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 4 \\ \text{value} = [ \ 0. \ 0. \ 4.] \end{array} \qquad \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 2 \\ \text{value} = [ \ 0. \ 2. \ 0.] \end{array}$  $X[78] \le 564152.0000$  gini = 0.0000 gini = 0.498614958449 | samples = 49 samples = 206 $\begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [\ 0.\ \ 1.\ \ 0.] \end{array} \quad \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 4 \\ \text{value} = [\ 0.\ \ 0.\ \ 4.] \end{array} \quad \begin{array}{c} \text{X[68]} <= 34.4788 \\ \text{gini} = 0.143569149127 \\ \text{samples} = 167 \end{array}$  $\begin{array}{c|c} X[26] <= 33.5500 \\ gini = 0.489795918367 \\ samples = 21 \end{array} \quad \begin{array}{c} gini = 0.0000 \\ samples = 7 \\ value = [\ 0.\ 0.\ 7.] \end{array} \quad \begin{array}{c} X[48] <= 27374708.0000 \\ gini = 0.27777777778 \\ samples = 12 \end{array}$ X[72] <= 30247460.0000 gini = 0.0319065010957 samples = 185 samples = 7146  $\begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 2 \\ \text{value} = [\ 0.\ 2.\ 0.] \end{array} \end{array} \begin{array}{c} \text{X[48]} <= 52900584.0000 \\ \text{gini} = 0.0108692406462 \\ \text{samples} = 183 \end{array} \end{array} \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 8 \\ \text{value} = [\ 0.\ 8.\ 0.] \end{array} \begin{array}{c} \text{X[63]} <= 88.5000 \\ \text{gini} = 0.426035502959 \\ \text{samples} = 13 \end{array} \end{array} \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 10 \\ \text{value} = [\ 0.\ 0.\ 0.] \end{array} \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 2 \\ \text{value} = [\ 0.\ 0.\ 2.] \end{array}$ X[40] <= 100.0000 gini = 0.0700826446281 samples = 385 gini = 0.00884331845636 samples = 6761 X[57] <= 35.8319 gini = 0.0000 samples = 179 value = [ 0. 0. 179.] X[2] <= 0.9681 gini = 0.0000 samples = 3 value = [ 0. 3. 0.] X[83] <= 0.2451 gini = 0.18 samples = 10 gini = 0.0000 samples = 128 value = [ 0. 0. 128.] gini = 0.0000 samples = 8 value = [ 0. 0. 8.] X[57] <= 36.6872 gini = 0.332409972299 samples = 19 gini = 0.0265909140445 samples = 371 gini = 0.459183673469 samples = 14 gini = 0.00693442776955 samples = 6616  $X[84] \le 32925828.0000$  gini = 0.408163265306 samples = 7 value = [0.7, 0.]X[41] <= 16582046.0000 gini = 0.32 samples = 5 gini = 0.0000 samples = 14 value = [ 0. 0. 14.] X[50] <= 39757.5000 gini = 0.44444444444 samples = 3gini = 0.139551441794 | gini = 0.00577652309039 X[78] <= 886948.0000 gini = 0.00320517441966 | gini = 0.104938271605 samples = 6232 value = [0. 2. 0.] samples = 18  $X[37] \le 0.8135$  gini = 0.0334616489515 samples = 295 value = [0. 2. 0.]X[65] <= 86.5000 gini = 0.0184485849727 samples = 537 X[15] <= 1.5202 gini = 0.0112778327693 samples = 529 X[26] <= 33.5500 gini = 0.375 samples = 8 X[51] <= 93247.5000 gini = 0.0269100837614 samples = 294 $X[13] \le 0.3265$ gini = 0.0222825400833 samples = 178

gini = 0.0000 samples = 1 value = [1. 0. 0.] gini = 0.000366367454271 samples = 5458 gini = 0.0338882282996 samples = 58  $X[40] <= 995.1000 \\ gini = 0.0112990702479 \\ samples = 176$  samples = 2 $\begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 282 \\ \text{value} = [ \ 0. \ 0. \ 282.] \end{array} \quad \begin{array}{c} X[85] <= 3096039936.0000 \\ \text{gini} = 0.44444444444 \\ \text{samples} = 3 \end{array} \quad \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [ \ 0. \ 0. \ 1.] \end{array} \quad \begin{array}{c} \text{gini} = 0.0000 \\ \text{samples} = 1 \\ \text{value} = [ \ 1. \ 0. \ 0.] \end{array}$ gini = 0.0000 samples = 9 value = [ 0. 0. 9.]

gini = 0.0000 samples = 1 value = [ 1. 0. 0.] gini = 0.0000samples = 2value = [0. 2. 0.]gini = 0.0000samples = 1value = [0. 0. 1.]gini = 0.0000samples = 2value = [0. 0. 2.]gini = 0.0000samples = 1value = [0. 1. 0.]gini = 0.0000 samples = 1 value = [ 1. 0. 0.]

gini = 0.0000 samples = 3 value = [ 0. 0. 3.]