digraph Tree {

node [shape=box] ;

0 [label="X[0] <= 0.3202\nentropy = 0.9911\nsamples = 1372\nvalue = [762, 610]"] ;

1 [label="X[1] <= 5.8653\nentropy = 0.7065\nsamples = 660\nvalue = [127, 533]"] ;

0 -> 1 [labeldistance=2.5, labelangle=45, headlabel="True"] ;

2 [label="X[2] <= 6.2186\nentropy = 0.3017\nsamples = 522\nvalue = [28, 494]"] ;

1 -> 2 ;

3 [label="X[2] <= 0.3317\nentropy = 0.0686\nsamples = 366\nvalue = [3, 363]"] ;

2 -> 3 ;

4 [label="entropy = 0.0\nsamples = 203\nvalue = [0, 203]"] ;

3 -> 4 ;

5 [label="X[1] <= 3.1277\nentropy = 0.1324\nsamples = 163\nvalue = [3, 160]"] ;

3 -> 5 ;

6 [label="X[0] <= -0.3042\nentropy = 0.0562\nsamples = 155\nvalue = [1, 154]"] ;

5 -> 6 ;

7 [label="entropy = 0.0\nsamples = 145\nvalue = [0, 145]"] ;

6 -> 7 ;

8 [label="X[1] <= -0.4366\nentropy = 0.469\nsamples = 10\nvalue = [1, 9]"] ;

6 -> 8 ;

9 [label="entropy = 0.0\nsamples = 9\nvalue = [0, 9]"] ;

8 -> 9 ;

10 [label="entropy = 0.0\nsamples = 1\nvalue = [1, 0]"] ;

8 -> 10 ;

11 [label="X[2] <= 0.444\nentropy = 0.8113\nsamples = 8\nvalue = [2, 6]"] ;

5 -> 11 ;

12 [label="entropy = 0.0\nsamples = 1\nvalue = [1, 0]"] ;

11 -> 12 ;

13 [label="X[3] <= -0.6597\nentropy = 0.5917\nsamples = 7\nvalue = [1, 6]"] ;

11 -> 13 ;

14 [label="entropy = 0.0\nsamples = 6\nvalue = [0, 6]"] ;

13 -> 14 ;

15 [label="entropy = 0.0\nsamples = 1\nvalue = [1, 0]"] ;

13 -> 15 ;

16 [label="X[1] <= -4.6745\nentropy = 0.6349\nsamples = 156\nvalue = [25, 131]"] ;

2 -> 16 ;

17 [label="X[1] <= -6.5006\nentropy = 0.0647\nsamples = 131\nvalue = [1, 130]"] ;

16 -> 17 ;

18 [label="entropy = 0.0\nsamples = 112\nvalue = [0, 112]"] ;

17 -> 18 ;

19 [label="X[0] <= -0.7749\nentropy = 0.2975\nsamples = 19\nvalue = [1, 18]"] ;

17 -> 19 ;

20 [label="entropy = 0.0\nsamples = 18\nvalue = [0, 18]"] ;

19 -> 20 ;

21 [label="entropy = 0.0\nsamples = 1\nvalue = [1, 0]"] ;

19 -> 21 ;

22 [label="X[1] <= -3.1671\nentropy = 0.2423\nsamples = 25\nvalue = [24, 1]"] ;

16 -> 22 ;

23 [label="X[1] <= -4.5814\nentropy = 1.0\nsamples = 2\nvalue = [1, 1]"] ;

22 -> 23 ;

24 [label="entropy = 0.0\nsamples = 1\nvalue = [1, 0]"] ;

23 -> 24 ;

25 [label="entropy = 0.0\nsamples = 1\nvalue = [0, 1]"] ;

23 -> 25 ;

26 [label="entropy = 0.0\nsamples = 23\nvalue = [23, 0]"] ;

22 -> 26 ;

27 [label="X[1] <= 9.6749\nentropy = 0.859\nsamples = 138\nvalue = [99, 39]"] ;

1 -> 27 ;

28 [label="X[0] <= -3.0031\nentropy = 0.9871\nsamples = 90\nvalue = [51, 39]"] ;

27 -> 28 ;

29 [label="X[0] <= -11.021\nentropy = 0.3712\nsamples = 42\nvalue = [3, 39]"] ;

28 -> 29 ;

30 [label="entropy = 0.0\nsamples = 2\nvalue = [2, 0]"] ;

29 -> 30 ;

31 [label="X[3] <= -1.9159\nentropy = 0.1687\nsamples = 40\nvalue = [1, 39]"] ;

29 -> 31 ;

32 [label="entropy = 0.0\nsamples = 39\nvalue = [0, 39]"] ;

31 -> 32 ;

33 [label="entropy = 0.0\nsamples = 1\nvalue = [1, 0]"] ;

31 -> 33 ;

34 [label="entropy = 0.0\nsamples = 48\nvalue = [48, 0]"] ;

28 -> 34 ;

35 [label="entropy = 0.0\nsamples = 48\nvalue = [48, 0]"] ;

27 -> 35 ;

36 [label="X[0] <= 1.7907\nentropy = 0.4943\nsamples = 712\nvalue = [635, 77]"] ;

0 -> 36 [labeldistance=2.5, labelangle=-45, headlabel="False"] ;

37 [label="X[2] <= -2.2722\nentropy = 0.892\nsamples = 233\nvalue = [161, 72]"] ;

36 -> 37 ;

38 [label="X[2] <= -2.923\nentropy = 0.2975\nsamples = 57\nvalue = [3, 54]"] ;

37 -> 38 ;

39 [label="entropy = 0.0\nsamples = 47\nvalue = [0, 47]"] ;

38 -> 39 ;

40 [label="X[3] <= -0.5485\nentropy = 0.8813\nsamples = 10\nvalue = [3, 7]"] ;

38 -> 40 ;

41 [label="entropy = 0.0\nsamples = 3\nvalue = [3, 0]"] ;

40 -> 41 ;

42 [label="entropy = 0.0\nsamples = 7\nvalue = [0, 7]"] ;

40 -> 42 ;

43 [label="X[3] <= 0.0922\nentropy = 0.4762\nsamples = 176\nvalue = [158, 18]"] ;

37 -> 43 ;

44 [label="X[0] <= 0.42\nentropy = 0.0647\nsamples = 131\nvalue = [130, 1]"] ;

43 -> 44 ;

45 [label="X[2] <= -1.3241\nentropy = 0.3228\nsamples = 17\nvalue = [16, 1]"] ;

44 -> 45 ;

46 [label="entropy = 0.0\nsamples = 1\nvalue = [0, 1]"] ;

45 -> 46 ;

47 [label="entropy = 0.0\nsamples = 16\nvalue = [16, 0]"] ;

45 -> 47 ;

48 [label="entropy = 0.0\nsamples = 114\nvalue = [114, 0]"] ;

44 -> 48 ;

49 [label="X[2] <= 1.853\nentropy = 0.9565\nsamples = 45\nvalue = [28, 17]"] ;

43 -> 49 ;

50 [label="X[0] <= 0.9574\nentropy = 0.6098\nsamples = 20\nvalue = [3, 17]"] ;

49 -> 50 ;

51 [label="entropy = 0.0\nsamples = 14\nvalue = [0, 14]"] ;

50 -> 51 ;

52 [label="X[2] <= -0.7068\nentropy = 1.0\nsamples = 6\nvalue = [3, 3]"] ;

50 -> 52 ;

53 [label="entropy = 0.0\nsamples = 3\nvalue = [0, 3]"] ;

52 -> 53 ;

54 [label="entropy = 0.0\nsamples = 3\nvalue = [3, 0]"] ;

52 -> 54 ;

55 [label="entropy = 0.0\nsamples = 25\nvalue = [25, 0]"] ;

49 -> 55 ;

56 [label="X[0] <= 2.3921\nentropy = 0.0837\nsamples = 479\nvalue = [474, 5]"] ;

36 -> 56 ;

57 [label="X[2] <= -2.6484\nentropy = 0.3435\nsamples = 78\nvalue = [73, 5]"] ;

56 -> 57 ;

58 [label="X[1] <= 6.7976\nentropy = 0.994\nsamples = 11\nvalue = [6, 5]"] ;

57 -> 58 ;

59 [label="entropy = 0.0\nsamples = 5\nvalue = [0, 5]"] ;

58 -> 59 ;

60 [label="entropy = 0.0\nsamples = 6\nvalue = [6, 0]"] ;

58 -> 60 ;

61 [label="entropy = 0.0\nsamples = 67\nvalue = [67, 0]"] ;

57 -> 61 ;

62 [label="entropy = 0.0\nsamples = 401\nvalue = [401, 0]"] ;

56 -> 62 ;

}