digraph Tree {

node [shape=box] ;

0 [label="X[62] <= 5087.6504\nentropy = 0.5121\nsamples = 24712\nvalue = [21893, 2819]"] ;

1 [label="X[54] <= 158.5\nentropy = 0.9918\nsamples = 3066\nvalue = [1696, 1370]"] ;

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

2 [label="X[56] <= 14.5\nentropy = 0.6066\nsamples = 1049\nvalue = [893, 156]"] ;

1 -> 2 ;

3 [label="X[55] <= 3.5\nentropy = 0.9437\nsamples = 155\nvalue = [99, 56]"] ;

2 -> 3 ;

4 [label="X[59] <= 94.207\nentropy = 0.9742\nsamples = 138\nvalue = [82, 56]"] ;

3 -> 4 ;

5 [label="entropy = 0.9922\nsamples = 125\nvalue = [69, 56]"] ;

4 -> 5 ;

6 [label="entropy = 0.0\nsamples = 13\nvalue = [13, 0]"] ;

4 -> 6 ;

7 [label="entropy = 0.0\nsamples = 17\nvalue = [17, 0]"] ;

3 -> 7 ;

8 [label="X[54] <= 77.5\nentropy = 0.5055\nsamples = 894\nvalue = [794, 100]"] ;

2 -> 8 ;

9 [label="X[54] <= 64.5\nentropy = 0.0728\nsamples = 227\nvalue = [225, 2]"] ;

8 -> 9 ;

10 [label="entropy = 0.0\nsamples = 151\nvalue = [151, 0]"] ;

9 -> 10 ;

11 [label="entropy = 0.1756\nsamples = 76\nvalue = [74, 2]"] ;

9 -> 11 ;

12 [label="X[57] <= 0.5\nentropy = 0.6021\nsamples = 667\nvalue = [569, 98]"] ;

8 -> 12 ;

13 [label="entropy = 0.6738\nsamples = 446\nvalue = [367, 79]"] ;

12 -> 13 ;

14 [label="entropy = 0.4229\nsamples = 221\nvalue = [202, 19]"] ;

12 -> 14 ;

15 [label="X[56] <= 513.0\nentropy = 0.9698\nsamples = 2017\nvalue = [803, 1214]"] ;

1 -> 15 ;

16 [label="X[54] <= 164.5\nentropy = 0.6682\nsamples = 584\nvalue = [102, 482]"] ;

15 -> 16 ;

17 [label="X[14] <= 0.5\nentropy = 0.9612\nsamples = 13\nvalue = [8, 5]"] ;

16 -> 17 ;

18 [label="entropy = 0.5436\nsamples = 8\nvalue = [7, 1]"] ;

17 -> 18 ;

19 [label="entropy = 0.7219\nsamples = 5\nvalue = [1, 4]"] ;

17 -> 19 ;

20 [label="X[54] <= 513.5\nentropy = 0.6453\nsamples = 571\nvalue = [94, 477]"] ;

16 -> 20 ;

21 [label="entropy = 0.6882\nsamples = 468\nvalue = [86, 382]"] ;

20 -> 21 ;

22 [label="entropy = 0.3939\nsamples = 103\nvalue = [8, 95]"] ;

20 -> 22 ;

23 [label="X[54] <= 250.5\nentropy = 0.9997\nsamples = 1433\nvalue = [701, 732]"] ;

15 -> 23 ;

24 [label="X[61] <= 1.2745\nentropy = 0.9555\nsamples = 526\nvalue = [328, 198]"] ;

23 -> 24 ;

25 [label="entropy = 0.951\nsamples = 521\nvalue = [328, 193]"] ;

24 -> 25 ;

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

24 -> 26 ;

27 [label="X[59] <= 93.559\nentropy = 0.9772\nsamples = 907\nvalue = [373, 534]"] ;

23 -> 27 ;

28 [label="entropy = 0.9932\nsamples = 600\nvalue = [271, 329]"] ;

27 -> 28 ;

29 [label="entropy = 0.9172\nsamples = 307\nvalue = [102, 205]"] ;

27 -> 29 ;

30 [label="X[54] <= 472.5\nentropy = 0.3544\nsamples = 21646\nvalue = [20197, 1449]"] ;

0 -> 30 [labeldistance=2.5, labelangle=-45, headlabel="False"] ;

31 [label="X[60] <= -46.65\nentropy = 0.1562\nsamples = 18784\nvalue = [18358, 426]"] ;

30 -> 31 ;

32 [label="X[54] <= 94.5\nentropy = 0.676\nsamples = 1353\nvalue = [1112, 241]"] ;

31 -> 32 ;

33 [label="X[61] <= 1.645\nentropy = 0.1382\nsamples = 309\nvalue = [303, 6]"] ;

32 -> 33 ;

34 [label="entropy = 0.084\nsamples = 286\nvalue = [283, 3]"] ;

33 -> 34 ;

35 [label="entropy = 0.5586\nsamples = 23\nvalue = [20, 3]"] ;

33 -> 35 ;

36 [label="X[61] <= 1.5255\nentropy = 0.7694\nsamples = 1044\nvalue = [809, 235]"] ;

32 -> 36 ;

37 [label="entropy = 0.683\nsamples = 943\nvalue = [772, 171]"] ;

36 -> 37 ;

38 [label="entropy = 0.9478\nsamples = 101\nvalue = [37, 64]"] ;

36 -> 38 ;

39 [label="X[54] <= 299.5\nentropy = 0.0848\nsamples = 17431\nvalue = [17246, 185]"] ;

31 -> 39 ;

40 [label="X[43] <= 0.5\nentropy = 0.043\nsamples = 14737\nvalue = [14668, 69]"] ;

39 -> 40 ;

41 [label="entropy = 0.0333\nsamples = 14706\nvalue = [14655, 51]"] ;

40 -> 41 ;

42 [label="entropy = 0.9812\nsamples = 31\nvalue = [13, 18]"] ;

40 -> 42 ;

43 [label="X[59] <= 93.0465\nentropy = 0.2561\nsamples = 2694\nvalue = [2578, 116]"] ;

39 -> 43 ;

44 [label="entropy = 0.5327\nsamples = 520\nvalue = [457, 63]"] ;

43 -> 44 ;

45 [label="entropy = 0.1654\nsamples = 2174\nvalue = [2121, 53]"] ;

43 -> 45 ;

46 [label="X[54] <= 644.5\nentropy = 0.9405\nsamples = 2862\nvalue = [1839, 1023]"] ;

30 -> 46 ;

47 [label="X[61] <= 1.3885\nentropy = 0.7512\nsamples = 1283\nvalue = [1007, 276]"] ;

46 -> 47 ;

48 [label="X[61] <= 1.349\nentropy = 0.9507\nsamples = 254\nvalue = [160, 94]"] ;

47 -> 48 ;

49 [label="entropy = 0.8846\nsamples = 218\nvalue = [152, 66]"] ;

48 -> 49 ;

50 [label="entropy = 0.7642\nsamples = 36\nvalue = [8, 28]"] ;

48 -> 50 ;

51 [label="X[41] <= 0.5\nentropy = 0.6732\nsamples = 1029\nvalue = [847, 182]"] ;

47 -> 51 ;

52 [label="entropy = 0.7395\nsamples = 737\nvalue = [583, 154]"] ;

51 -> 52 ;

53 [label="entropy = 0.4558\nsamples = 292\nvalue = [264, 28]"] ;

51 -> 53 ;

54 [label="X[54] <= 835.5\nentropy = 0.9979\nsamples = 1579\nvalue = [832, 747]"] ;

46 -> 54 ;

55 [label="X[61] <= 1.385\nentropy = 0.9534\nsamples = 736\nvalue = [461, 275]"] ;

54 -> 55 ;

56 [label="entropy = 0.9911\nsamples = 117\nvalue = [52, 65]"] ;

55 -> 56 ;

57 [label="entropy = 0.9241\nsamples = 619\nvalue = [409, 210]"] ;

55 -> 57 ;

58 [label="X[34] <= 0.5\nentropy = 0.9896\nsamples = 843\nvalue = [371, 472]"] ;

54 -> 58 ;

59 [label="entropy = 0.9683\nsamples = 536\nvalue = [212, 324]"] ;

58 -> 59 ;

60 [label="entropy = 0.9991\nsamples = 307\nvalue = [159, 148]"] ;

58 -> 60 ;

}