X[1] <= 0.5000
error = 0.80002
samples = 315
value = [4.   1.   2.   4. 76. 40. 71. 42. 75.]

error = 0.8000
samples = 309
value = [4.   1.   2.   4. 76. 39. 71. 41. 71.]

error = 0.5000
samples = 6
value = [0. 0. 0. 0. 0. 1. 0. 1. 4.]