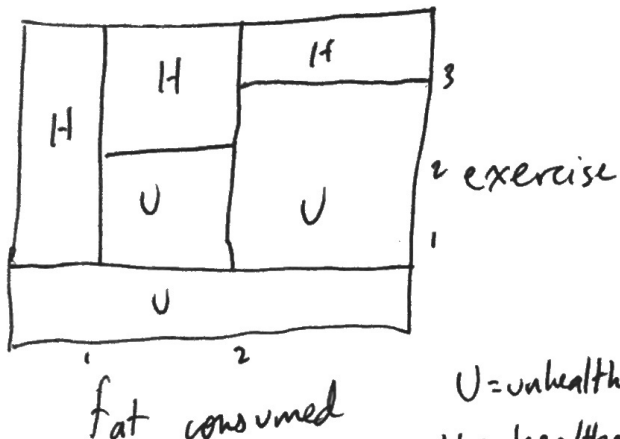
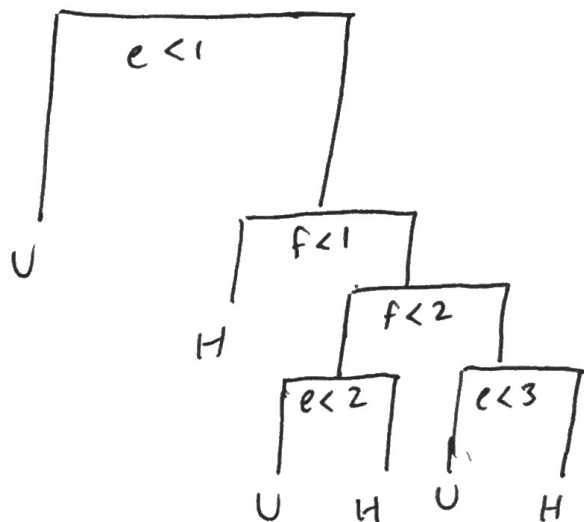


HW 5

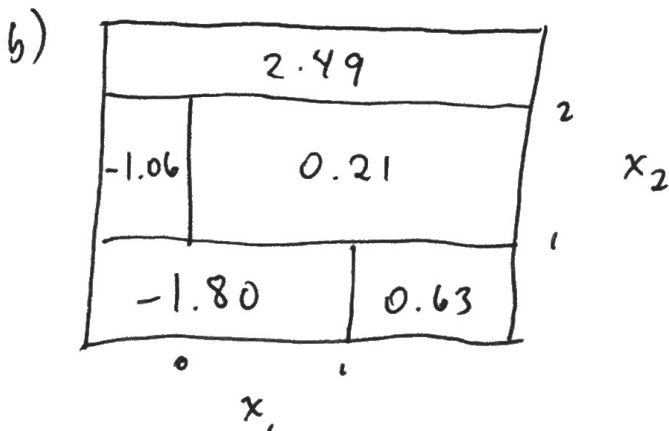
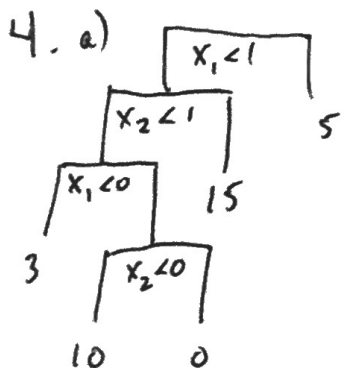
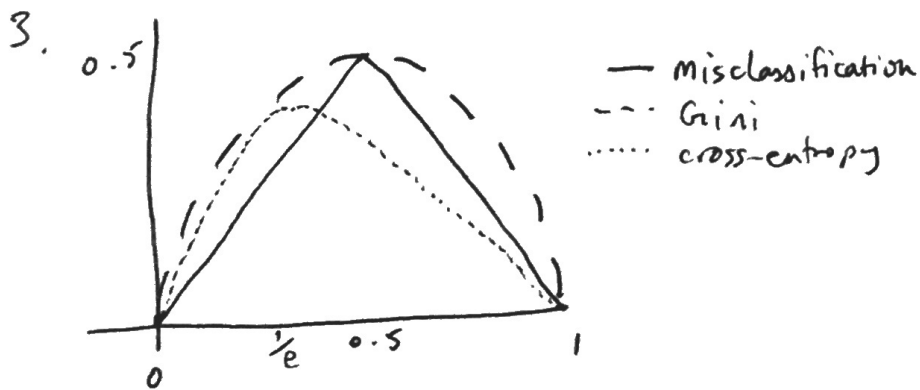
1.



U = unhealthy
H = healthy



2. Just run the algorithm with $d=1$. There are p summands because bootstrap choosing the same predictor yields the same result... or it just doesn't make sense for $B > \binom{p}{d}$.



5. first: ~~green~~^{red}, since more are > 0.5 . second: 0.45 mean, so green.