

1. Abstrakt

Suppose we have a capital, which we will redistribute into investment opportunities. The financial valuation of these investments will be a sequence of independent, identically distributed random vectors that acquire finite amount of values. We will have full knowledge of the entire history of these valuations before each investment. It turns out that if our strategy is to always maximizes the mean value of the logarithm of the investment value, denoted by Λ^* , then this strategy is asymptotically the best one possible.

If strategy Λ is not asymptotically close to Λ^* and if x goes to infinity, then the mean of the time we earn atleast x using Λ^* is infinitely smaller than the time if we used Λ . We also earn infinitely times more money using the strategy Λ^* .