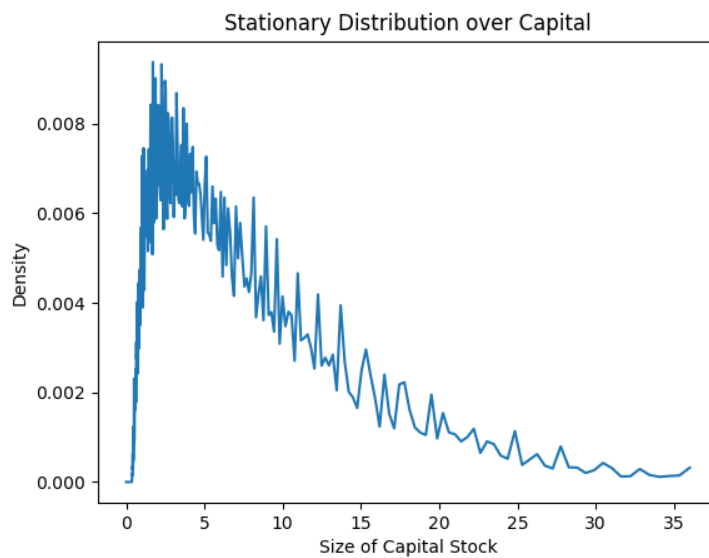
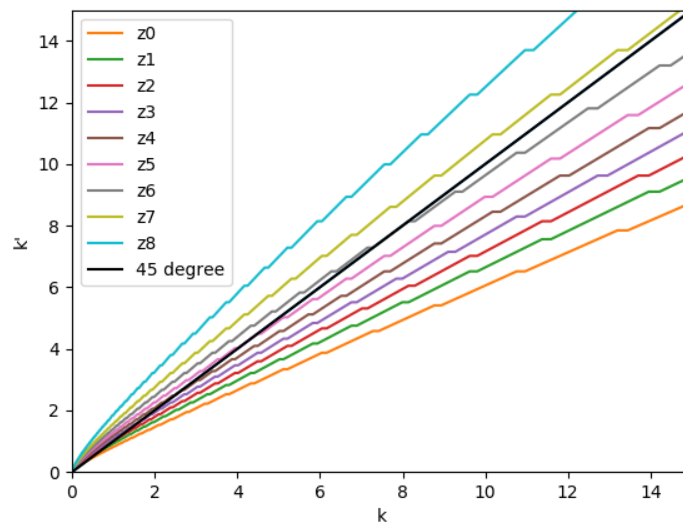


The equilibrium wage found by running the enclosed ps8.py is: 0.914873718262  
The stationary Distribution:



The policy functions:



When productivity is high ( $z_8$ ), the policy function is above the 45-degree line indicating that we should increase capital if productivity is high. As productivity falls, the policy function also falls. This indicates that the optimal choice of next period capital rises(falls) as productivity rises(falls) for any given current period capital stock.