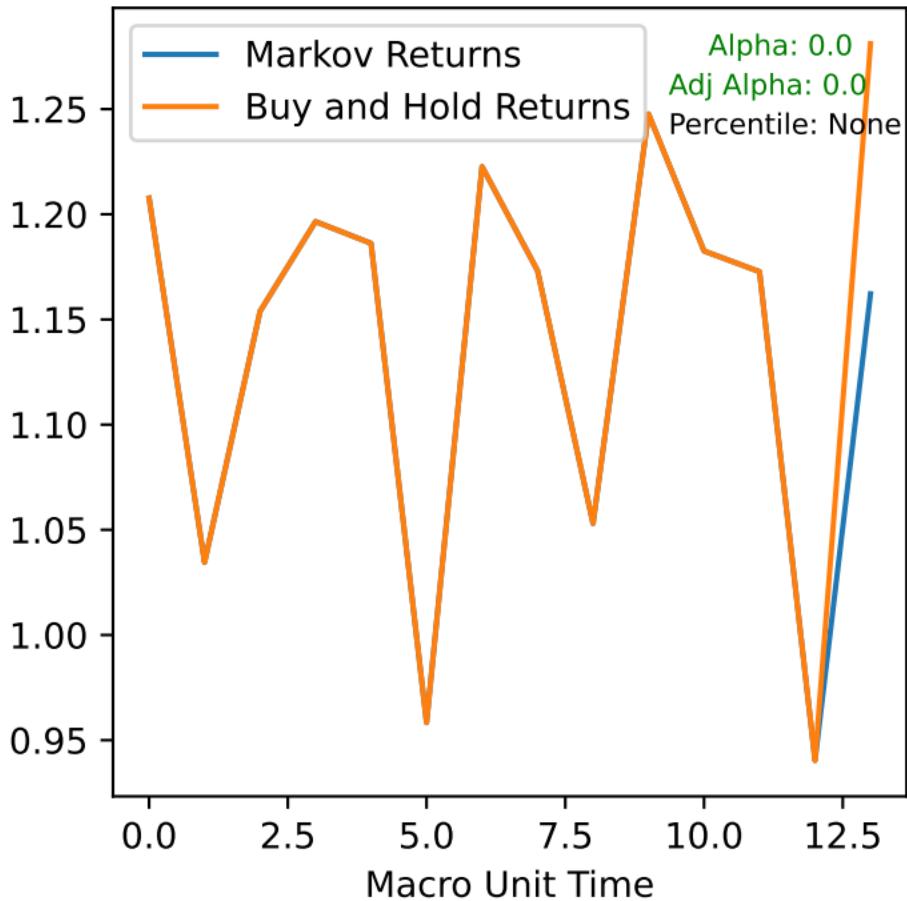
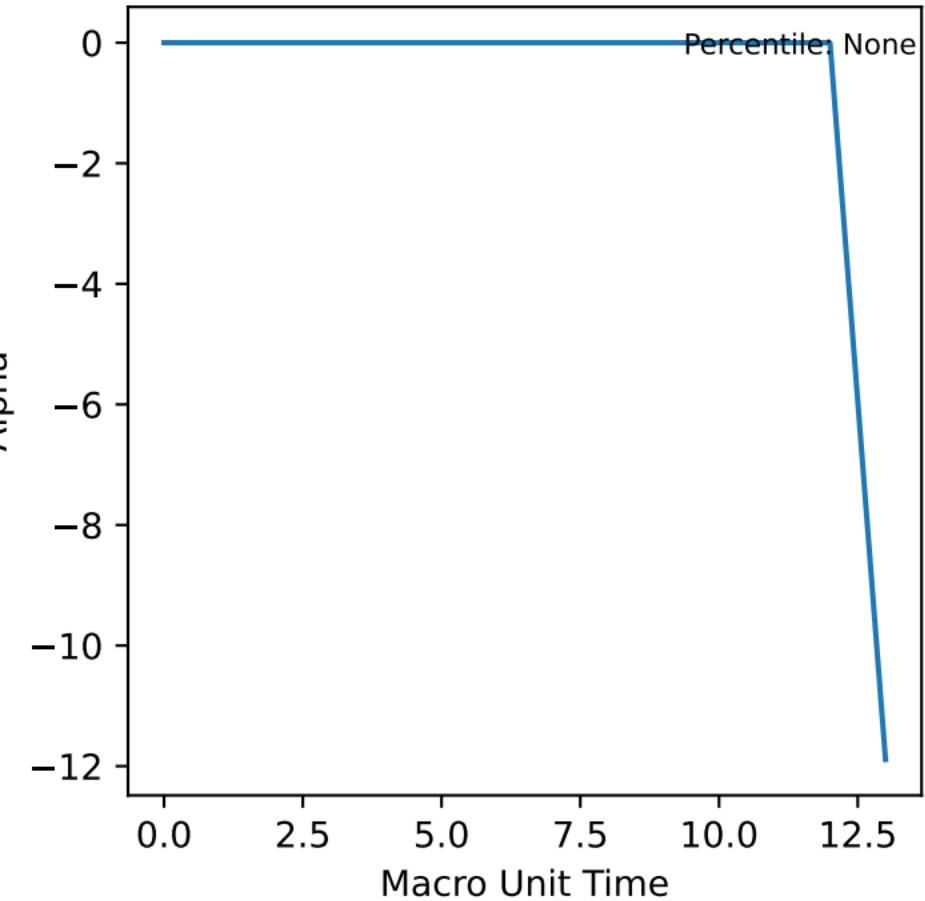


# SPY Return per Macro Unit Time

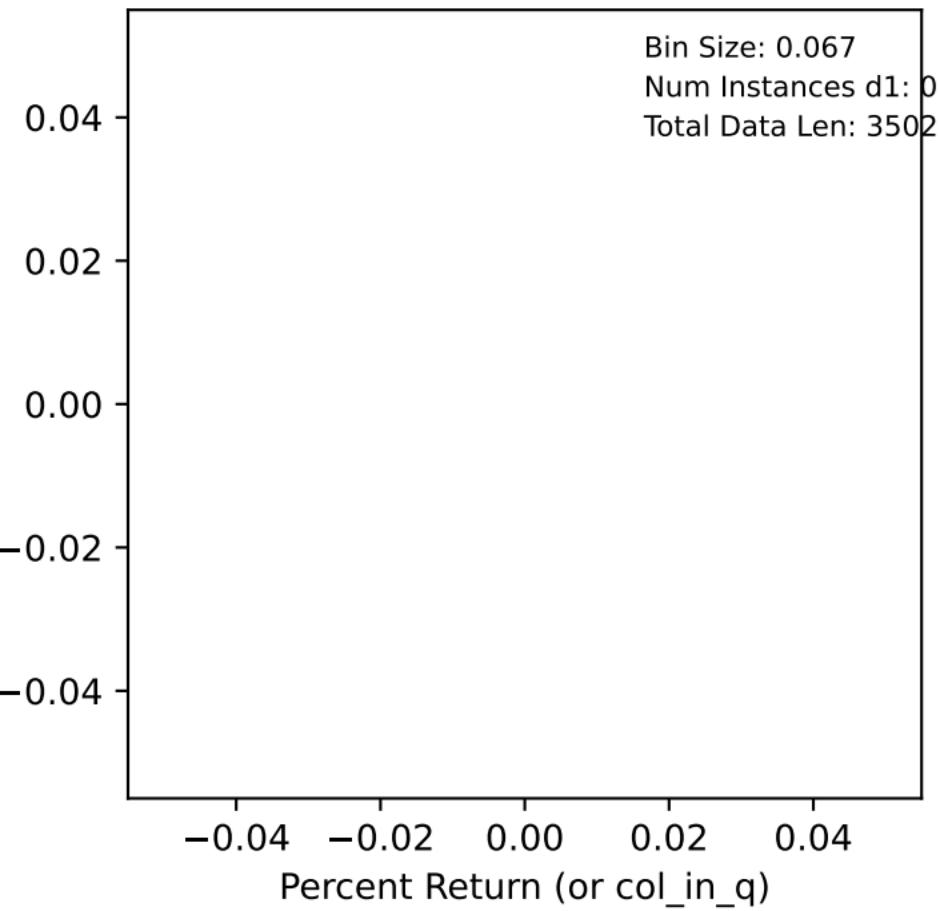


## SPY Alpha per Macro Unit Time

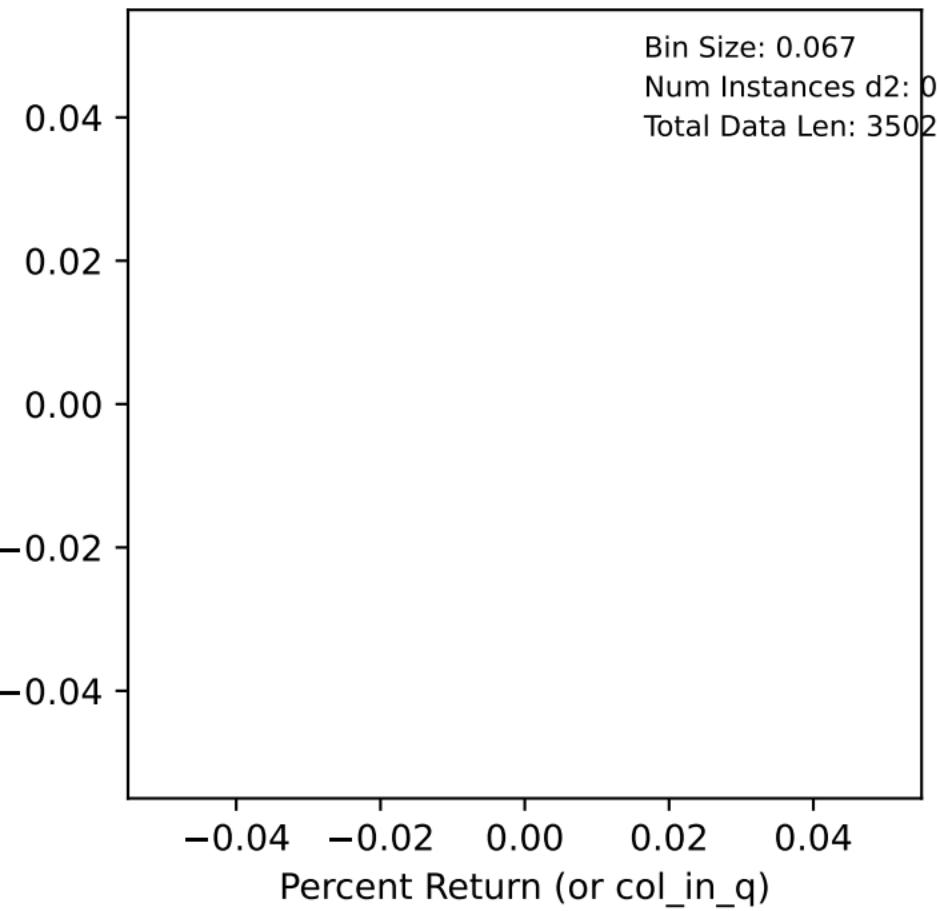


## SPY Transition Probability Matrix

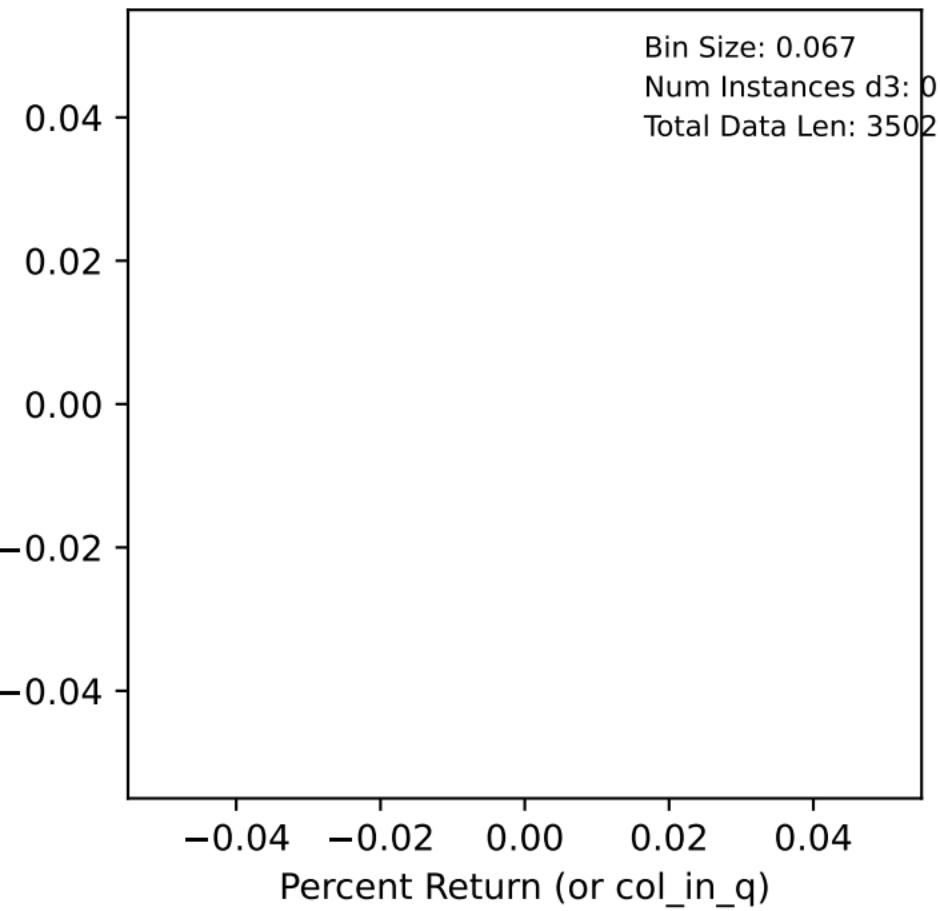
## State Return Distribution for State d1



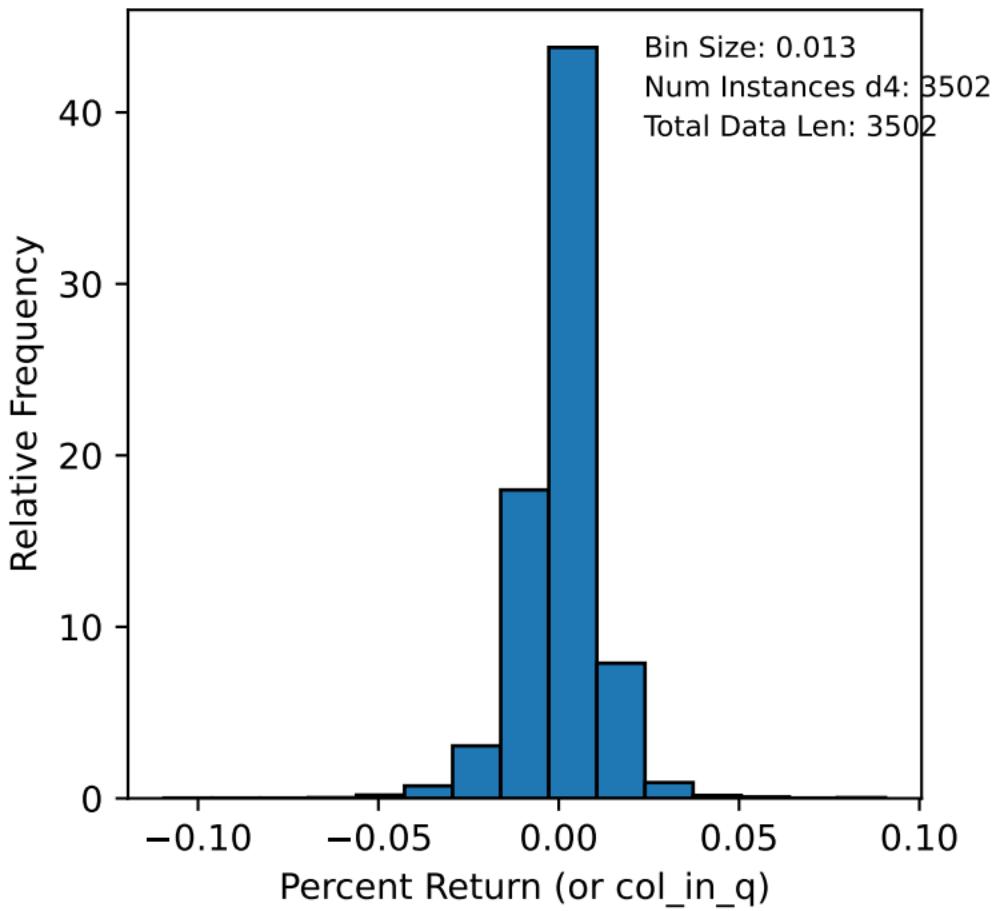
## State Return Distribution for State d2



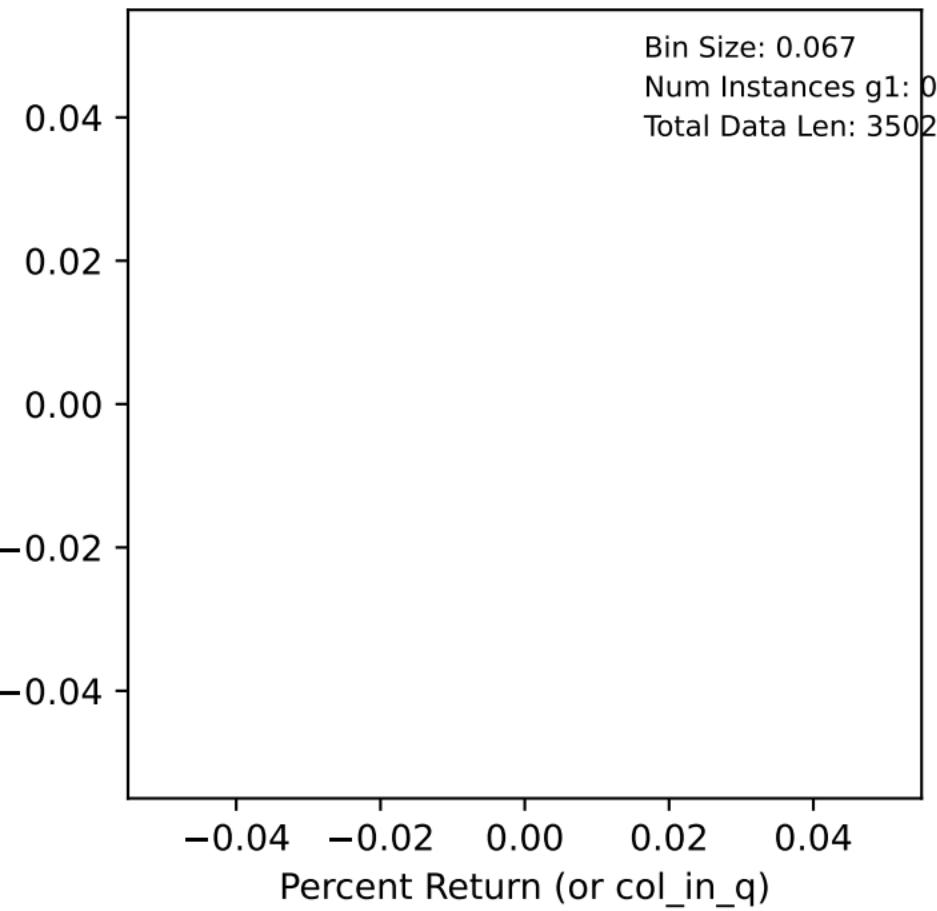
## State Return Distribution for State d3



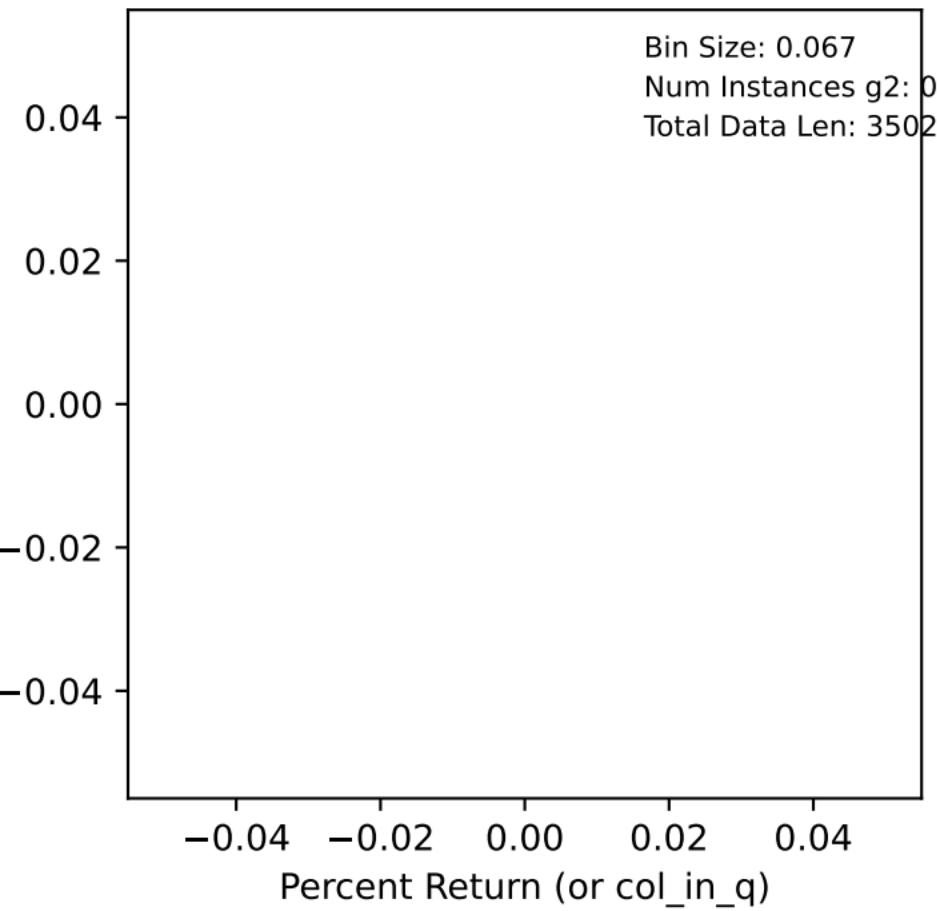
## State Return Distribution for State d4



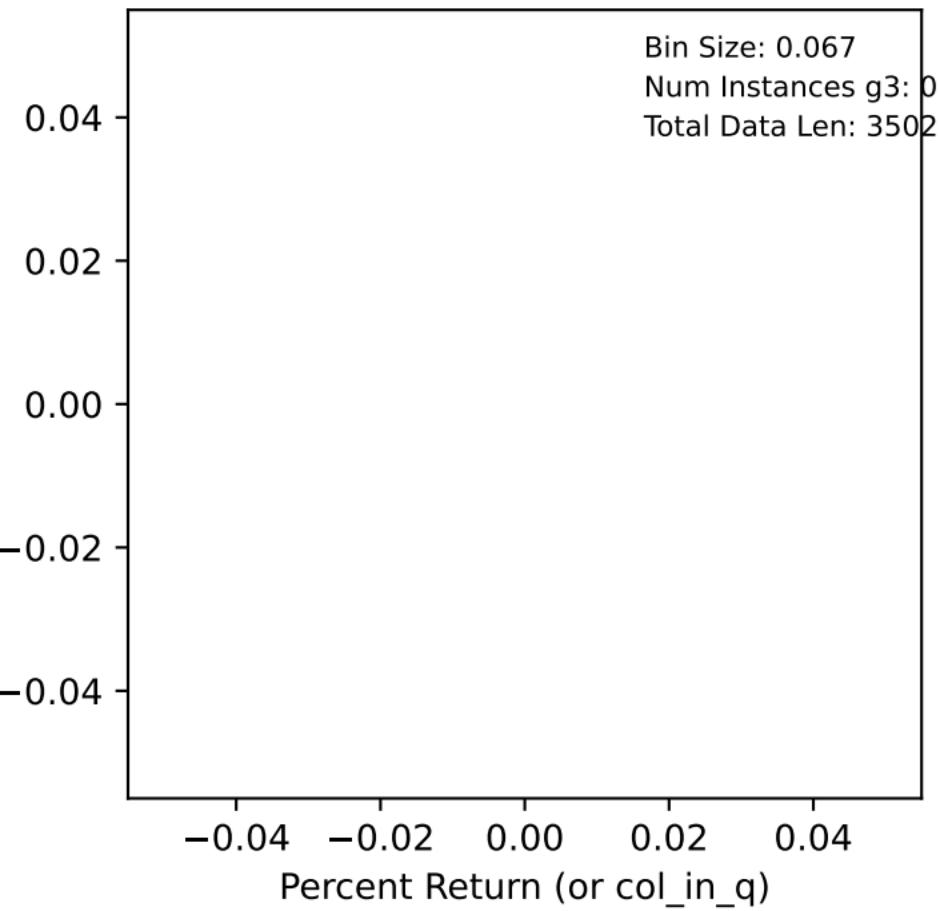
## State Return Distribution for State g1



## State Return Distribution for State g2



## State Return Distribution for State g3



## State Return Distribution for State g4

