*, periods = 10.000, bins = 10, 1000 generations*

Example of t = 4301

Func Update\_master\_q table()

current\_interval = 4

next\_interval = 5

current interval: w\_1 = (next\_interval - (current period / bin\_size) = 0.699

next interval: w\_2 = 1-w\_1 = 0.301

if not in the final bin:

Else:

For t in range 10.000 periods:

Uneven periods:

Update\_master\_Q\_table()

current\_interval = 4

next\_interval = 5

current interval: w\_1 = (next\_interval - (t / bin\_size) = 0.7

next interval: w\_2 = 1-w\_1

if not in last bin :

Combined\_q =

Else:

Combined\_q =

Pick option:

If rand(0,1) < :

Random choice

Else:

(Combined\_q)

Even periods:

Opponent pick price