

The background of the slide is a dark, textured surface with a vertical wood grain pattern. Scattered across this background are numerous water droplets of various sizes. Some droplets are large and clear, showing highlights and reflections, while others are smaller and more numerous. They are primarily located in the top-left and bottom-right corners, with a few smaller ones in the center and bottom-left.

RESULTS FROM EXPERIMENTS

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6/21/2019



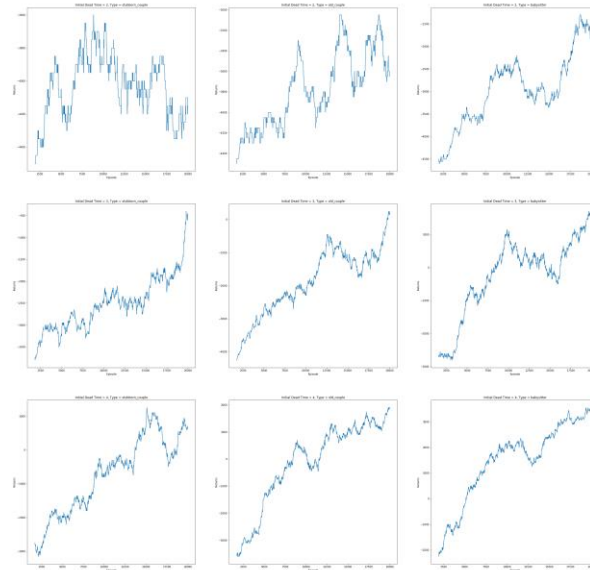
ENVIRONMENTS USED

- NORMAL ENVIRONMENT
 - ENVIRONMENT WITH MILD REWARD SHAPING
 - ENVIRONMENT WITH REWARD SHAPING
- 

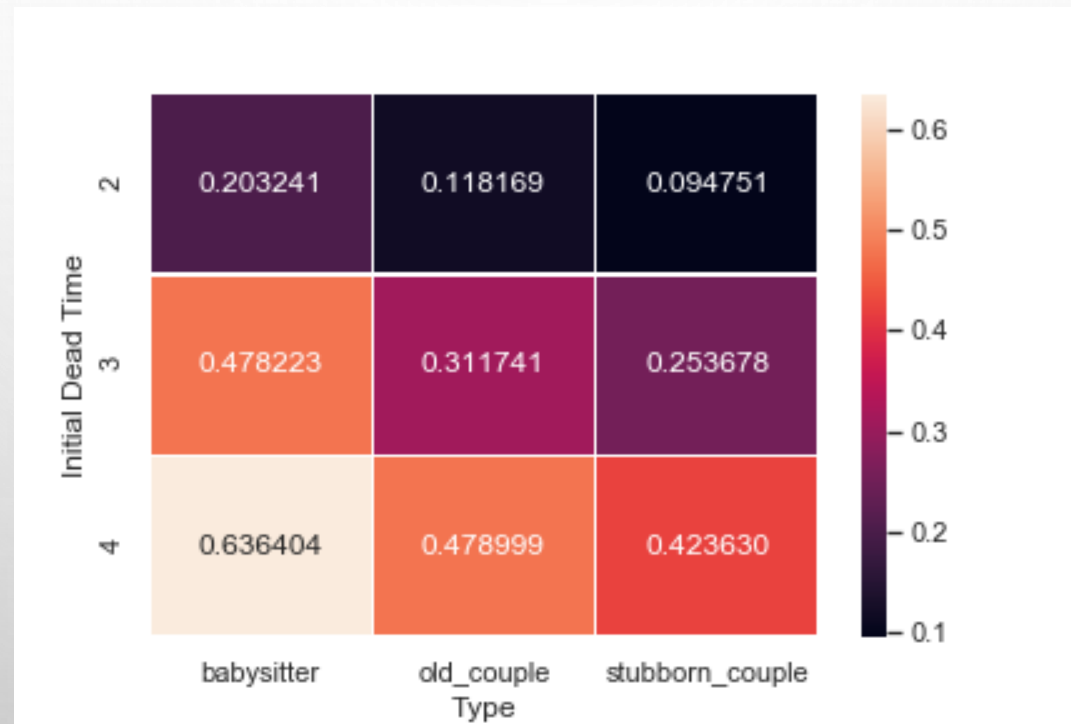
NORMAL ENVIRONMENT

- GROUP SAVED: +5000
- GROUP KILLED: -5000

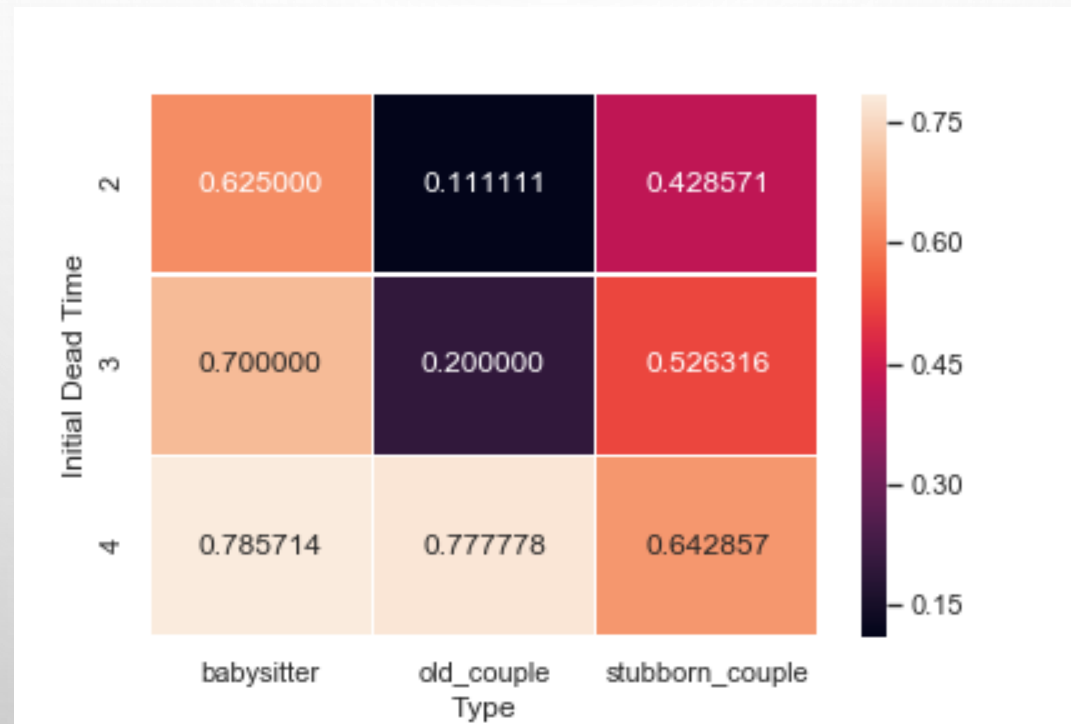
TRAINING CURVES



TRAINING STATS (% OF GROUPS SAVED)



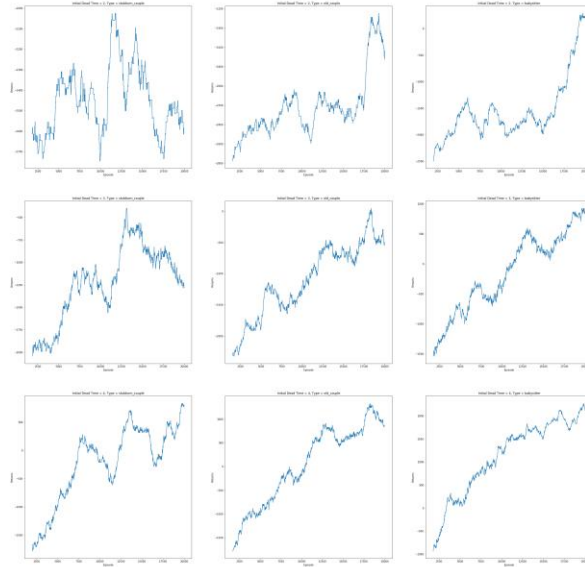
TESTING STATS (% OF GROUPS SAVED)



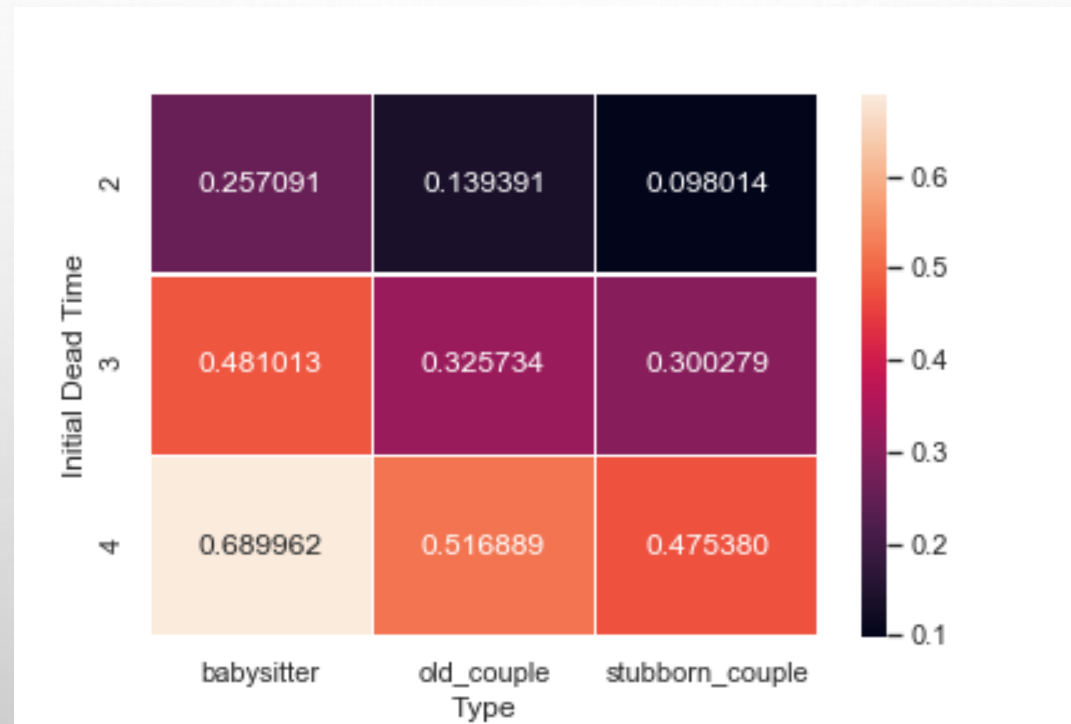
MILD REWARD SHAPING

- INTERRUPT OPERATOR REWARD = - (OP-BUSY * 100)
- INTERRUPT OPERATOR WHEN ALREADY IN STATUS ON: -50
- GROUP SAVED: +3000
- GROUP KILLED: -3000

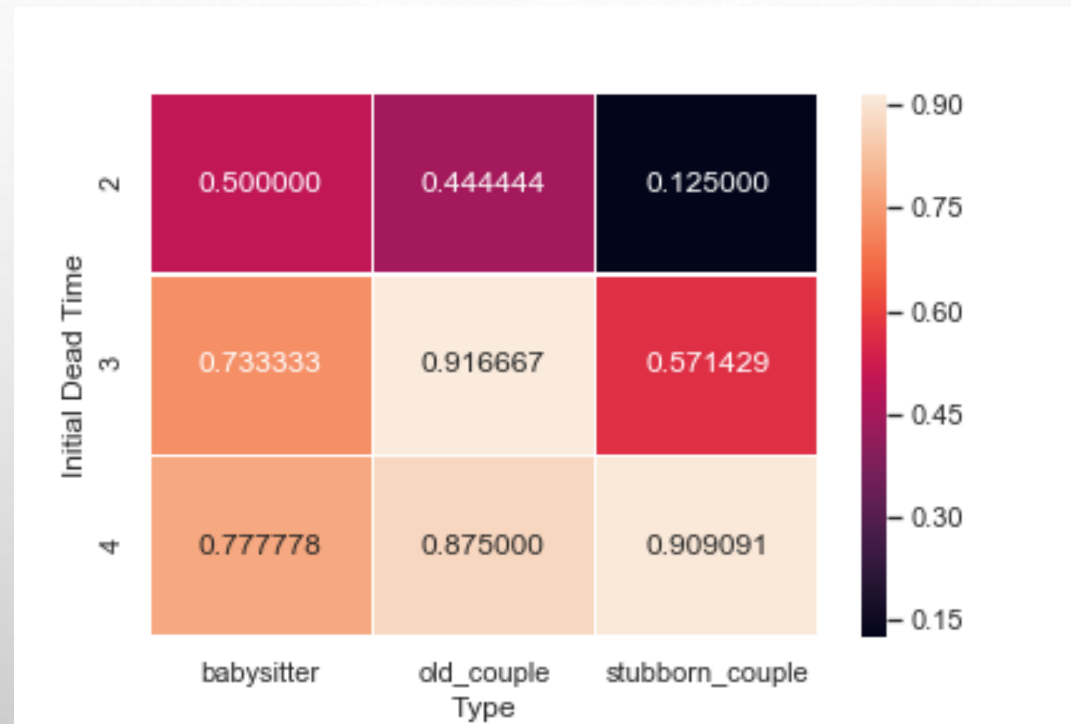
TRAINING CURVES



TRAINING STATS (% OF GROUPS SAVED)



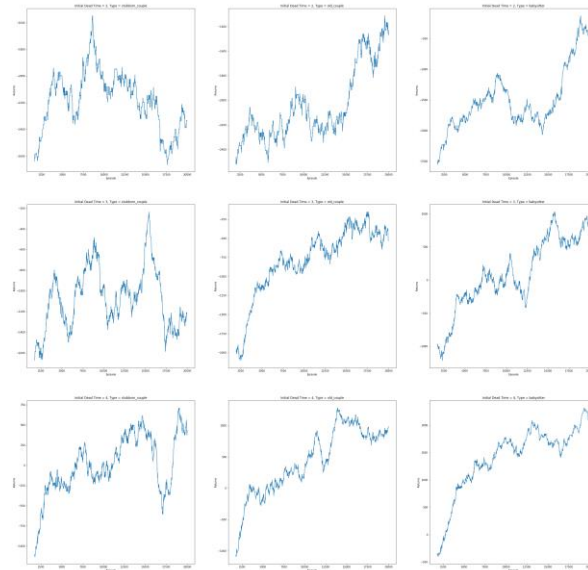
TESTING STATS (% OF GROUPS SAVED)



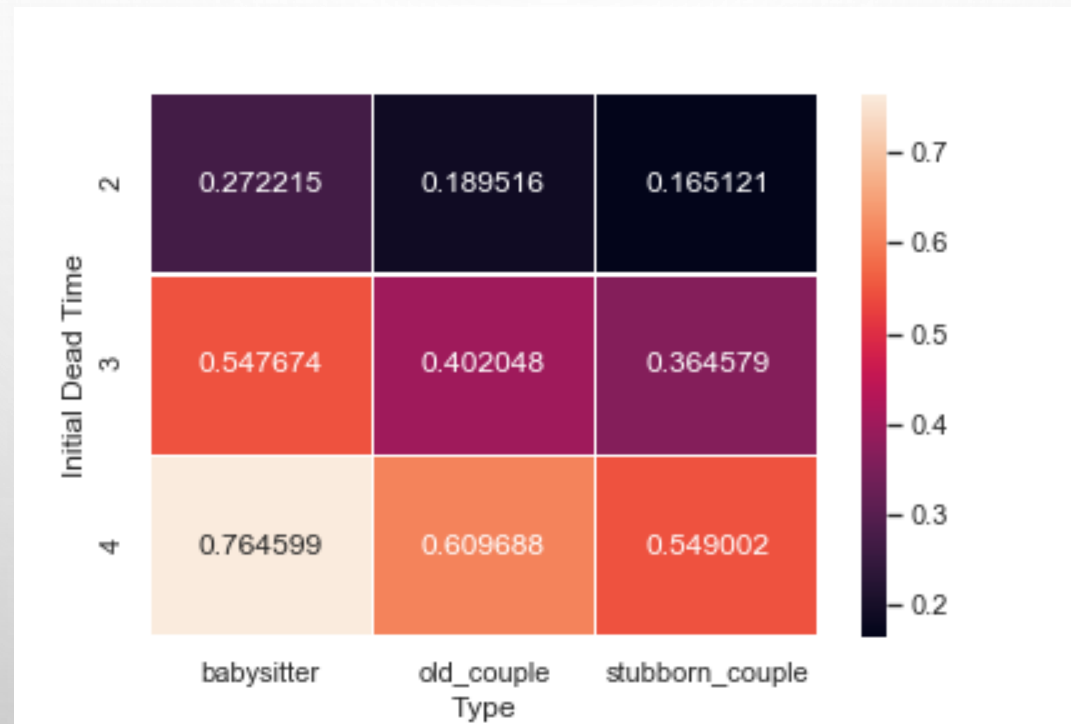
REWARD SHAPING

- INTERRUPT OPERATOR REWARD = - (OP-BUSY * 100)
- INTERRUPT OPERATOR WHEN ALREADY IN STATUS ON: -50
- WRONG GUIDE: -50
- WRONG GUIDE ENQUIRY (AT THE WRONG TIME): -50
- CORRECT GUIDE ENQUIRY (AT THE WRONG TIME): +50
- ON/SPN/WARN WHEN ALREADY CONVINCED: -50
- GROUP SAVED: +3000
- GROUP KILLED: -3000

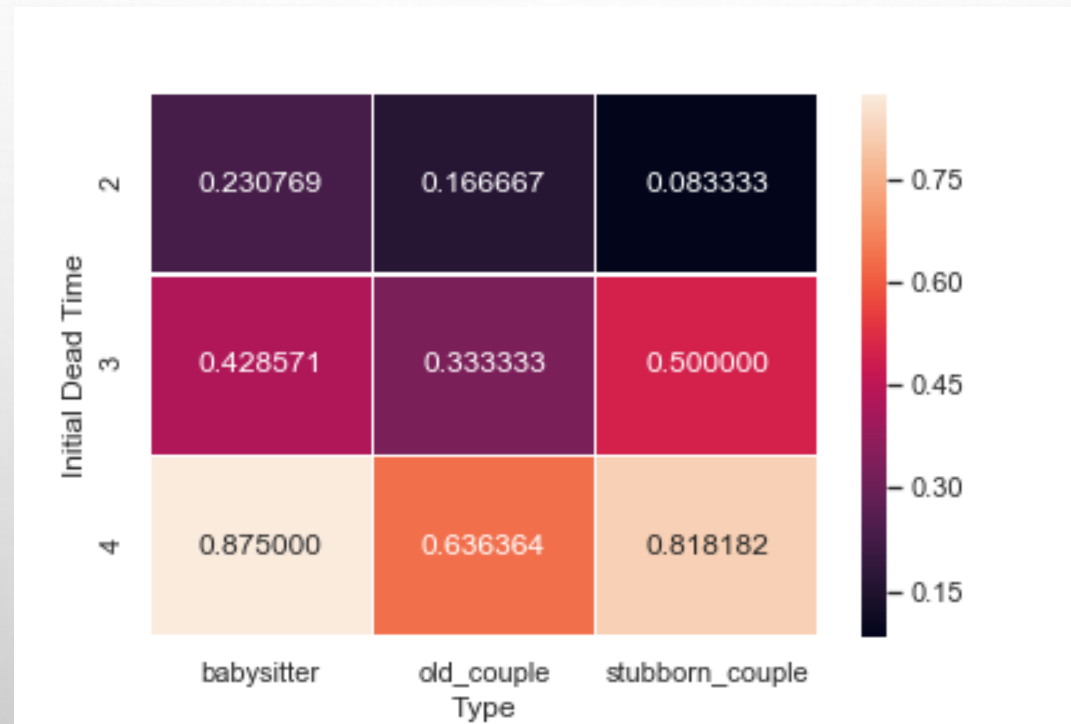
TRAINING CURVES



TRAINING STATS (% OF GROUPS SAVED)



TESTING STATS (% OF GROUPS SAVED)



OBSERVATIONS

- BETTER INDICATION OF CONVERGENCE/IMPROVEMENT FOR HIGHER DEAD TIME INITIALIZATIONS
- BETTER INDICATION OF CONVERGENCE/IMPROVEMENT FOR BABYSITTER > OLD COUPLE > STUBBORN COUPLE
- DOESN'T SEEM LIKE ANY ONE ENVIRONMENT IS MUCH BETTER THAN THE OTHERS.