

# github.com/leloykun/socialsims

## 05-10-2017

<code>fine-tuned logistic regression</code> <b>Franz Louis T. Cesista</b> - 12:37:15 PM	<b>Files Modified</b> 5 <b>Lines Added</b> 3594 <b>Lines Removed</b> 3688
<code>added logistic regression</code> <b>Franz Louis T. Cesista</b> - 10:28:48 AM	<b>Files Modified</b> 4 <b>Lines Added</b> 3715 <b>Lines Removed</b> 9

## 04-10-2017

<code>added steps in linear regression</code> <b>Franz Louis T. Cesista</b> - 05:46:55 AM	<b>Files Modified</b> 2 <b>Lines Added</b> 15 <b>Lines Removed</b> 10
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## 03-10-2017

<code>fixed naming issues p2</code> <b>Franz Louis T. Cesista</b> - 10:25:32 PM	<b>Files Modified</b> 1 <b>Lines Added</b> 2 <b>Lines Removed</b> 2
<code>fixed naming issues in data of route-choice</code> <b>Franz Louis T. Cesista</b> - 10:24:49 PM	<b>Files Modified</b> 31 <b>Lines Added</b> 10001 <b>Lines Removed</b> 1
<code>added linear regression stuff in cat-mouse</code> <b>Franz Louis T. Cesista</b> - 10:17:30 PM	<b>Files Modified</b> 4 <b>Lines Added</b> 41 <b>Lines Removed</b> 22
<code>removed sns color pallete in simple-migration</code> <b>Franz Louis T. Cesista</b> - 02:22:06 PM	<b>Files Modified</b> 1 <b>Lines Added</b> 2 <b>Lines Removed</b> 4
<code>rerunnned route-choice</code> <b>Franz Louis T. Cesista</b> - 02:18:35 PM	<b>Files Modified</b> 12 <b>Lines Added</b> 10014 <b>Lines Removed</b> 10009

## 01-10-2017

<code>edited data visualizers</code> <b>Franz Louis T. Cesista</b> - 09:02:27 PM	<b>Files Modified</b> 2 <b>Lines Added</b> 8 <b>Lines Removed</b> 5
<code>finished initial run of route-choice</code> <b>Franz Louis T. Cesista</b> - 05:32:32 PM	<b>Files Modified</b> 13 <b>Lines Added</b> 10012 <b>Lines Removed</b> 403
<code>added data_visualizer to route-choice</code> <b>Franz Louis T. Cesista</b> - 05:15:30 PM	<b>Files Modified</b> 1 <b>Lines Added</b> 24 <b>Lines Removed</b> None

fixed reward function in route-choice simulation <b>Franz Louis T. Cesista - 05:15:17 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 4 <b>Lines Removed</b> 5
added going_to_obstacle() to cat-mouse-cheese simulations <b>Franz Louis T. Cesista - 04:23:14 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 4 <b>Lines Removed</b> None
fixed qlearn.py <b>Franz Louis T. Cesista - 04:17:22 PM</b>	<b>Files Modified</b> 3 <b>Lines Added</b> 2 <b>Lines Removed</b> 28
added going_to_obstacle to cat-mouse simulations <b>Franz Louis T. Cesista - 04:00:42 PM</b>	<b>Files Modified</b> 3 <b>Lines Added</b> 13 <b>Lines Removed</b> 6
added seaborn in imports of data_visualizer.py <b>Franz Louis T. Cesista - 03:53:41 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 1 <b>Lines Removed</b> None
added whitespaces to list.txt <b>Franz Louis T. Cesista - 03:39:15 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 6 <b>Lines Removed</b> 5
imported collections in qlearn.py <b>Franz Louis T. Cesista - 03:36:12 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 2 <b>Lines Removed</b> 1
fixed order of inputs in simulations and descriptions in list.txt <b>Franz Louis T. Cesista - 03:36:00 PM</b>	<b>Files Modified</b> 4 <b>Lines Added</b> 12 <b>Lines Removed</b> 9
removed ignore_obstacles option in qlearn <b>Franz Louis T. Cesista - 03:28:09 PM</b>	<b>Files Modified</b> 2 <b>Lines Added</b> 7 <b>Lines Removed</b> 13
plotted data in simple-migration <b>Franz Louis T. Cesista - 12:00:43 PM</b>	<b>Files Modified</b> 111 <b>Lines Added</b> 7 <b>Lines Removed</b> 11
added data_visualizer in simple-migration <b>Franz Louis T. Cesista - 11:41:30 AM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 46 <b>Lines Removed</b> None
added reminded to move details part in readme to wiki <b>Franz Louis T. Cesista - 11:41:15 AM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 1 <b>Lines Removed</b> None
re-runned simple-migration <b>Franz Louis T. Cesista - 11:40:44 AM</b>	<b>Files Modified</b> 440 <b>Lines Added</b> 1100209 <b>Lines Removed</b> 1100099
preparation for re-run of simple-migration <b>Franz Louis T. Cesista - 11:09:59 AM</b>	<b>Files Modified</b> 2 <b>Lines Added</b> 4 <b>Lines Removed</b> 4

finishing touches for route-choice <b>Franz Louis T. Cesista - 10:46:57 AM</b>	<b>Files Modified</b> 6 <b>Lines Added</b> 460 <b>Lines Removed</b> 17
used log instead of log10 in qlearn.py <b>Franz Louis T. Cesista - 10:46:27 AM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 2 <b>Lines Removed</b> 2

## 30-09-2017

made the number of roads a variable <b>Franz Louis T. Cesista - 11:29:03 PM</b>	<b>Files Modified</b> 2 <b>Lines Added</b> 19 <b>Lines Removed</b> 17
added option to print q in def learn in qlearn.py <b>Franz Louis T. Cesista - 08:02:03 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 3 <b>Lines Removed</b> 1
changed default alpha and gamma values in qlearn <b>Franz Louis T. Cesista - 07:49:49 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 2 <b>Lines Removed</b> 2
added reminder to readd going-to-obstacle option in qlearn <b>Franz Louis T. Cesista - 07:47:49 PM</b>	<b>Files Modified</b> 2 <b>Lines Added</b> 2 <b>Lines Removed</b> None
fixed qlearn <b>Franz Louis T. Cesista - 07:45:05 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 5 <b>Lines Removed</b> 6
readded route-choice simulations <b>Franz Louis T. Cesista - 07:44:54 PM</b>	<b>Files Modified</b> 3 <b>Lines Added</b> 85 <b>Lines Removed</b> 2
added TODO in readme <b>Franz Louis T. Cesista - 07:22:48 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 1 <b>Lines Removed</b> None

## 29-09-2017

added params option to data_visualizer <b>Franz Louis T. Cesista - 06:06:32 AM</b>	<b>Files Modified</b> 2 <b>Lines Added</b> 4 <b>Lines Removed</b> None
removed visualization of data in cat-mouse <b>Franz Louis T. Cesista - 05:42:24 AM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> None <b>Lines Removed</b> 5
added data visualization to portal.py <b>Franz Louis T. Cesista - 04:19:32 AM</b>	<b>Files Modified</b> 3 <b>Lines Added</b> 50 <b>Lines Removed</b> 41
Merge branch 'master' into dev <b>Franz Louis T. Cesista - 01:35:49 AM</b>	<b>Files Modified</b> - <b>Lines Added</b> - <b>Lines Removed</b> -

## 28-09-2017

Merge pull request #9 from leloykun/add-license-1 <b>Franz Louis T. Cesista - 02:39:27 PM</b>	<b>Files Modified</b> - <b>Lines Added</b> - <b>Lines Removed</b> -
Create LICENSE <b>Franz Louis T. Cesista - 02:39:16 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 21 <b>Lines Removed</b> None
fixed todos in readme <b>Franz Louis T. Cesista - 06:32:59 AM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 6 <b>Lines Removed</b> None
added concepts for cooperative migration <b>Franz Louis T. Cesista - 03:00:28 AM</b>	<b>Files Modified</b> 2 <b>Lines Added</b> 0 <b>Lines Removed</b> 0

## 27-09-2017

Merge branch 'master' into dev <b>Franz Louis T. Cesista - 10:46:15 PM</b>	<b>Files Modified</b> - <b>Lines Added</b> - <b>Lines Removed</b> -
added TODO sections in README.md <b>Franz Louis T. Cesista - 10:46:02 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 14 <b>Lines Removed</b> None
added TODO sections in README.md <b>Franz Louis T. Cesista - 10:45:12 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 14 <b>Lines Removed</b> None
Update README.md <b>Franz Louis T. Cesista - 06:31:31 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 2 <b>Lines Removed</b> None
improved graphs in experiment 6 <b>Franz Louis T. Cesista - 06:31:01 PM</b>	<b>Files Modified</b> 21 <b>Lines Added</b> 6 <b>Lines Removed</b> 6
Merge branch 'master' of https://github.com/leloykun/socialsims <b>Franz Louis T. Cesista - 06:12:01 PM</b>	<b>Files Modified</b> - <b>Lines Added</b> - <b>Lines Removed</b> -
Improved graphs in experiment 4 <b>Franz Louis T. Cesista - 06:11:50 PM</b>	<b>Files Modified</b> 46 <b>Lines Added</b> 1 <b>Lines Removed</b> 2
Update README.md <b>Franz Louis T. Cesista - 04:00:21 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 1 <b>Lines Removed</b> 1
Update README.md <b>Franz Louis T. Cesista - 03:49:08 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 2

	<b>Lines Removed</b> <b>None</b>
Update README.md <b>Franz Louis T. Cesista - 03:40:43 PM</b>	<b>Files Modified</b> <b>1</b> <b>Lines Added</b> <b>1</b> <b>Lines Removed</b> <b>1</b>
Update README.md <b>Franz Louis T. Cesista - 03:36:43 PM</b>	<b>Files Modified</b> <b>1</b> <b>Lines Added</b> <b>81</b> <b>Lines Removed</b> <b>2</b>
edited env_show <b>Franz Louis T. Cesista - 03:20:13 PM</b>	<b>Files Modified</b> <b>1</b> <b>Lines Added</b> <b>0</b> <b>Lines Removed</b> <b>0</b>
added option to show simulations <b>Franz Louis T. Cesista - 03:17:36 PM</b>	<b>Files Modified</b> <b>4</b> <b>Lines Added</b> <b>5</b> <b>Lines Removed</b> <b>1</b>
removed route-choice sim <b>Franz Louis T. Cesista - 02:38:01 PM</b>	<b>Files Modified</b> <b>2</b> <b>Lines Added</b> <b>None</b> <b>Lines Removed</b> <b>80</b>
uncommented simulations in list.txt <b>Franz Louis T. Cesista - 02:37:07 PM</b>	<b>Files Modified</b> <b>4</b> <b>Lines Added</b> <b>82</b> <b>Lines Removed</b> <b>18</b>
Merge pull request #8 from leloykun/dev <b>Franz Louis T. Cesista - 02:04:36 PM</b>	<b>Files Modified</b> <b>-</b> <b>Lines Added</b> <b>-</b> <b>Lines Removed</b> <b>-</b>

## 21-09-2017

added num_states to output of simple-migration <b>Franz Louis T. Cesista - 02:20:14 PM</b>	<b>Files Modified</b> <b>1</b> <b>Lines Added</b> <b>4</b> <b>Lines Removed</b> <b>None</b>
added vertical lines to graphs <b>Franz Louis T. Cesista - 02:19:41 PM</b>	<b>Files Modified</b> <b>11</b> <b>Lines Added</b> <b>14</b> <b>Lines Removed</b> <b>7</b>

## 11-09-2017

Merge pull request #7 from leloykun/dev <b>Franz Louis T. Cesista - 08:52:59 PM</b>	<b>Files Modified</b> <b>-</b> <b>Lines Added</b> <b>-</b> <b>Lines Removed</b> <b>-</b>
redone cleaning code using yapf <b>Franz Louis T. Cesista - 08:37:12 PM</b>	<b>Files Modified</b> <b>6</b> <b>Lines Added</b> <b>51</b> <b>Lines Removed</b> <b>29</b>
cleaned up code using yapf <b>Franz Louis T. Cesista - 08:20:15 PM</b>	<b>Files Modified</b> <b>9</b> <b>Lines Added</b> <b>121</b> <b>Lines Removed</b> <b>197</b>

## 10-09-2017

deleted simple-residual-entropy sims <b>Franz Louis T. Cesista - 10:53:58 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 0 <b>Lines Removed</b> 0
conducted simple-migration simulations <b>Franz Louis T. Cesista - 10:53:26 PM</b>	<b>Files Modified</b> 343 <b>Lines Added</b> 1100242 <b>Lines Removed</b> 131
added random agent type <b>Franz Louis T. Cesista - 10:29:29 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 2 <b>Lines Removed</b> None

## 09-09-2017

aesthetic improvement to qlearn.py <b>Franz Louis T. Cesista - 10:53:52 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 7 <b>Lines Removed</b> 13
aethetic changes to qlearn.py <b>Franz Louis T. Cesista - 10:42:57 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 3 <b>Lines Removed</b> 3
refactored qlearn.py <b>Franz Louis T. Cesista - 10:25:49 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 82 <b>Lines Removed</b> 44
renamed residual-entropy to simple-residual-entropy <b>Franz Louis T. Cesista - 09:26:18 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 0 <b>Lines Removed</b> 0
conducted simple-migration simulation <b>Franz Louis T. Cesista - 07:45:03 PM</b>	<b>Files Modified</b> 13 <b>Lines Added</b> 255 <b>Lines Removed</b> 5
added more concept ideas <b>Franz Louis T. Cesista - 07:44:36 PM</b>	<b>Files Modified</b> 3 <b>Lines Added</b> 0 <b>Lines Removed</b> 0
made cat-mouse sim more dynamic on param processing <b>Franz Louis T. Cesista - 01:55:49 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 6 <b>Lines Removed</b> 1
added explanation to difference in LRE <b>Franz Louis T. Cesista - 01:41:58 PM</b>	<b>Files Modified</b> 2 <b>Lines Added</b> 1 <b>Lines Removed</b> 1
removed whitespaces <b>Franz Louis T. Cesista - 01:20:41 PM</b>	<b>Files Modified</b> 2 <b>Lines Added</b> 20 <b>Lines Removed</b> 20
tests for cat-mouse-cheese simulations <b>Franz Louis T. Cesista - 01:11:25 PM</b>	<b>Files Modified</b> 24 <b>Lines Added</b> 2617 <b>Lines Removed</b> 14

## 07-09-2017

refactored code for use in cat-mouse-cheese simulations <b>Franz Louis T. Cesista - 12:55:20 PM</b>	<b>Files Modified</b> 3 <b>Lines Added</b> 45 <b>Lines Removed</b> 9
added concept ideas again <b>Franz Louis T. Cesista - 12:14:44 PM</b>	<b>Files Modified</b> 2 <b>Lines Added</b> 0 <b>Lines Removed</b> 0

## 06-09-2017

plotted cat-mouse data <b>Franz Louis T. Cesista - 04:24:07 PM</b>	<b>Files Modified</b> 41 <b>Lines Added</b> 45 <b>Lines Removed</b> None
finished cat-mouse simulation <b>Franz Louis T. Cesista - 03:23:11 PM</b>	<b>Files Modified</b> 41 <b>Lines Added</b> 4840 <b>Lines Removed</b> 484
added infographics <b>Franz Louis T. Cesista - 03:22:38 PM</b>	<b>Files Modified</b> 2 <b>Lines Added</b> 0 <b>Lines Removed</b> 0
started centralizing experiments <b>Franz Louis T. Cesista - 12:39:25 AM</b>	<b>Files Modified</b> 19 <b>Lines Added</b> 682 <b>Lines Removed</b> 130

## 05-09-2017

added new experiment concept <b>Franz Louis T. Cesista - 10:28:25 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 0 <b>Lines Removed</b> 0
Merge pull request #6 from leloykun/dev <b>Franz Louis T. Cesista - 09:45:26 PM</b>	<b>Files Modified</b> - <b>Lines Added</b> - <b>Lines Removed</b> -
added method to find out when agents start to fully learn policies <b>Franz Louis T. Cesista - 12:31:30 AM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 0 <b>Lines Removed</b> 0
redone exp 6 <b>Franz Louis T. Cesista - 12:31:11 AM</b>	<b>Files Modified</b> 53 <b>Lines Added</b> 996621 <b>Lines Removed</b> 2385831

## 04-09-2017

repeated exp 6 <b>Franz Louis T. Cesista - 10:19:59 PM</b>	<b>Files Modified</b> 30 <b>Lines Added</b> 2455038 <b>Lines Removed</b> 2274876
moved data output to processes	<b>Files Modified</b> 31 <b>Lines Added</b> 2260735

<b>Franz Louis T. Cesista - 10:14:58 PM</b>	<b>Lines</b> Removed 17153987
followed pep8 rules <b>Franz Louis T. Cesista - 10:02:48 PM</b>	<b>Files Modified</b> 3 <b>Lines Added</b> 88 <b>Lines Removed</b> 80
finished experiment 6 <b>Franz Louis T. Cesista - 09:40:50 PM</b>	<b>Files Modified</b> 37 <b>Lines</b> Added 17485913 <b>Lines Removed</b> 186495
fixed variable naming in qlearn.py <b>Franz Louis T. Cesista - 08:58:11 PM</b>	<b>Files Modified</b> 12 <b>Lines Added</b> 195853 <b>Lines Removed</b> 37

## 03-09-2017

Merge branch 'master' into dev <b>Franz Louis T. Cesista - 08:10:33 PM</b>	<b>Files Modified</b> - <b>Lines Added</b> - <b>Lines Removed</b> -
aesthetic improvements to the plots <b>Franz Louis T. Cesista - 07:29:41 PM</b>	<b>Files Modified</b> 45 <b>Lines Added</b> 1 <b>Lines Removed</b> 1

## 02-09-2017

Merge pull request #5 from leloykun/dev <b>Franz Louis T. Cesista - 08:26:41 PM</b>	<b>Files Modified</b> - <b>Lines Added</b> - <b>Lines Removed</b> -
replaced QLearning infographic with its png version <b>Franz Louis T. Cesista - 08:26:18 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 0 <b>Lines Removed</b> 0
cosmetic changes <b>Franz Louis T. Cesista - 07:43:14 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 5 <b>Lines Removed</b> 3
cosmetic update on experiment 5 <b>Franz Louis T. Cesista - 04:58:59 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 1 <b>Lines Removed</b> 1
conducted experiment 5: migration <b>Franz Louis T. Cesista - 04:51:43 PM</b>	<b>Files Modified</b> 13 <b>Lines Added</b> 56 <b>Lines Removed</b> 83
animated graphs in experiment 4 <b>Franz Louis T. Cesista - 03:37:33 PM</b>	<b>Files Modified</b> 4 <b>Lines Added</b> 0 <b>Lines Removed</b> 0
preparation for experiment 5 <b>Franz Louis T. Cesista - 03:30:47 PM</b>	<b>Files Modified</b> 2 <b>Lines Added</b> 22 <b>Lines Removed</b> None



fixed plots in exp 4 <b>Franz Louis T. Cesista - 03:11:54 PM</b>	<b>Files Modified</b> 41 <b>Lines Added</b> 5 <b>Lines Removed</b> 4
Merge pull request #4 from leloykun/dev <b>Franz Louis T. Cesista - 03:00:17 PM</b>	<b>Files Modified</b> - <b>Lines Added</b> - <b>Lines Removed</b> -
added QLearning infographic <b>Franz Louis T. Cesista - 02:58:36 PM</b>	<b>Files Modified</b> 3 <b>Lines Added</b> 0 <b>Lines Removed</b> 0
redone Experiment 4 <b>Franz Louis T. Cesista - 01:53:29 PM</b>	<b>Files Modified</b> 62 <b>Lines Added</b> 2429 <b>Lines Removed</b> 2427
conducted exp 4 (not final) <b>Franz Louis T. Cesista - 12:55:26 PM</b>	<b>Files Modified</b> 39 <b>Lines Added</b> 2181 <b>Lines Removed</b> 2181
started Experiment 4 <b>Franz Louis T. Cesista - 12:34:08 PM</b>	<b>Files Modified</b> 29 <b>Lines Added</b> 2464 <b>Lines Removed</b> None
fixed plots of exp 3 <b>Franz Louis T. Cesista - 12:33:24 PM</b>	<b>Files Modified</b> 205 <b>Lines Added</b> 33 <b>Lines Removed</b> 31
Merge pull request #3 from leloykun/qlearn-fix <b>Franz Louis T. Cesista - 12:10:19 PM</b>	<b>Files Modified</b> - <b>Lines Added</b> - <b>Lines Removed</b> -
fixed qlearn <b>Franz Louis T. Cesista - 12:08:20 PM</b>	<b>Files Modified</b> 4 <b>Lines Added</b> 49 <b>Lines Removed</b> 42
finished experiment 3 <b>Franz Louis T. Cesista - 11:17:32 AM</b>	<b>Files Modified</b> 243 <b>Lines Added</b> 4883 <b>Lines Removed</b> 520
start experiment 3 <b>Franz Louis T. Cesista - 01:00:19 AM</b>	<b>Files Modified</b> 13 <b>Lines Added</b> 719 <b>Lines Removed</b> 44

## 01-09-2017

conducted experiment 2 <b>Franz Louis T. Cesista - 10:44:51 PM</b>	<b>Files Modified</b> 8 <b>Lines Added</b> 428 <b>Lines Removed</b> 406
added test of multiprocessing <b>Franz Louis T. Cesista - 10:44:40 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 16 <b>Lines Removed</b> None
started experiment 2	

<b>Franz Louis T. Cesista - 08:41:40 PM</b>	<b>Files Modified</b> 4 <b>Lines Added</b> 392 <b>Lines Removed</b> 22
Merge pull request #2 from leloykun/dev <b>Franz Louis T. Cesista - 07:12:20 PM</b>	<b>Files Modified</b> - <b>Lines Added</b> - <b>Lines Removed</b> -
added another plot to experiment 1 <b>Franz Louis T. Cesista - 07:10:27 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 0 <b>Lines Removed</b> 0
conducted experiment 1 <b>Franz Louis T. Cesista - 07:05:04 PM</b>	<b>Files Modified</b> 5 <b>Lines Added</b> 391 <b>Lines Removed</b> None
made vision range a variable <b>Franz Louis T. Cesista - 07:04:36 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 3 <b>Lines Removed</b> 2
moved infographic <b>Franz Louis T. Cesista - 07:03:34 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 0 <b>Lines Removed</b> 0
added concept for graphs <b>Franz Louis T. Cesista - 07:03:21 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 0 <b>Lines Removed</b> 0
added multithreading in experiment 1 <b>Franz Louis T. Cesista - 07:03:06 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 63 <b>Lines Removed</b> 25
updated paper <b>Franz Louis T. Cesista - 07:02:25 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 0 <b>Lines Removed</b> 0

## 31-08-2017

made alpha and gamma parameters modifiable <b>Franz Louis T. Cesista - 03:46:33 AM</b>	<b>Files Modified</b> 3 <b>Lines Added</b> 26 <b>Lines Removed</b> 18
added data for experiments <b>Franz Louis T. Cesista - 03:45:26 AM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 0 <b>Lines Removed</b> 0
added another experiment concept <b>Franz Louis T. Cesista - 02:19:37 AM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 0 <b>Lines Removed</b> 0
added concepts for experiments <b>Franz Louis T. Cesista - 01:19:11 AM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 0 <b>Lines Removed</b> 0
added qlearn ai to mouse	

<b>Franz Louis T. Cesista - 01:13:48 AM</b>	<b>Files Modified</b> 5 <b>Lines Added</b> 90 <b>Lines Removed</b> 29
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## 30-08-2017

added research paper to docs <b>Franz Louis T. Cesista - 11:25:19 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 0 <b>Lines Removed</b> 0
added qlearn back to codebase <b>Franz Louis T. Cesista - 11:02:28 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 214 <b>Lines Removed</b> None
added cheese to simulation <b>Franz Louis T. Cesista - 09:37:40 PM</b>	<b>Files Modified</b> 3 <b>Lines Added</b> 11 <b>Lines Removed</b> 5
made cat chase mouse <b>Franz Louis T. Cesista - 09:28:25 PM</b>	<b>Files Modified</b> 5 <b>Lines Added</b> 133 <b>Lines Removed</b> 6
added reinforcement learning infographic <b>Franz Louis T. Cesista - 09:07:37 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 0 <b>Lines Removed</b> 0
added experimental code <b>Franz Louis T. Cesista - 09:02:22 PM</b>	<b>Files Modified</b> 6 <b>Lines Added</b> 423 <b>Lines Removed</b> None
backupped again <b>Franz Louis T. Cesista - 09:02:04 PM</b>	<b>Files Modified</b> 4 <b>Lines Added</b> 48 <b>Lines Removed</b> 1
added more maps <b>Franz Louis T. Cesista - 12:02:33 AM</b>	<b>Files Modified</b> 2 <b>Lines Added</b> 19 <b>Lines Removed</b> None

## 29-08-2017

moved older version to v2 <b>Franz Louis T. Cesista - 11:28:22 PM</b>	<b>Files Modified</b> 5 <b>Lines Added</b> 0 <b>Lines Removed</b> 0
changed ENVIRONMENT to MAP in settings <b>Franz Louis T. Cesista - 11:20:39 PM</b>	<b>Files Modified</b> 2 <b>Lines Added</b> 2 <b>Lines Removed</b> 2
added helper function to cell.py <b>Franz Louis T. Cesista - 11:20:16 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 4 <b>Lines Removed</b> 1
Merge pull request #1 from leloykun/widgets <b>Franz Louis T. Cesista - 06:00:06 PM</b>	<b>Files Modified</b> - <b>Lines Added</b> - <b>Lines Removed</b> -

moved widgets to separate folder <b>Franz Louis T. Cesista - 05:58:58 PM</b>	<b>Files Modified</b> 3 <b>Lines Added</b> 2 <b>Lines Removed</b> 2
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## 26-08-2017

separated Cell class from cellular <b>Franz Louis T. Cesista - 07:21:54 PM</b>	<b>Files Modified</b> 4 <b>Lines Added</b> 49 <b>Lines Removed</b> 51
added settings.py <b>Franz Louis T. Cesista - 11:26:43 AM</b>	<b>Files Modified</b> 6 <b>Lines Added</b> 115 <b>Lines Removed</b> 181
created backup <b>Franz Louis T. Cesista - 11:25:42 AM</b>	<b>Files Modified</b> 8 <b>Lines Added</b> 1158 <b>Lines Removed</b> None

## 25-08-2017

imported stuff from original repo <b>Franz Louis T. Cesista - 11:43:57 PM</b>	<b>Files Modified</b> 16 <b>Lines Added</b> 1450 <b>Lines Removed</b> None
Initial commit <b>Franz Louis T. Cesista - 11:28:08 PM</b>	<b>Files Modified</b> 1 <b>Lines Added</b> 2 <b>Lines Removed</b> None