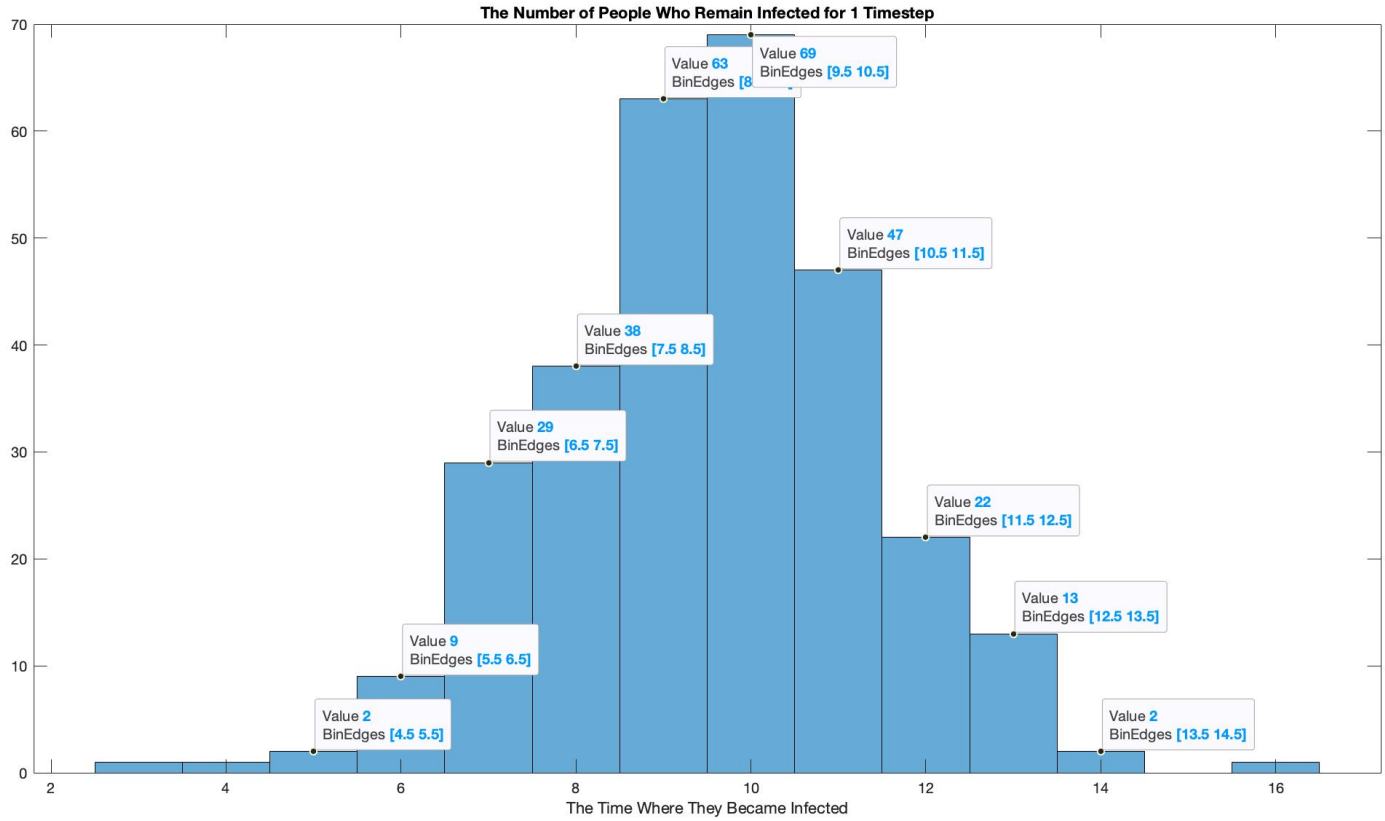
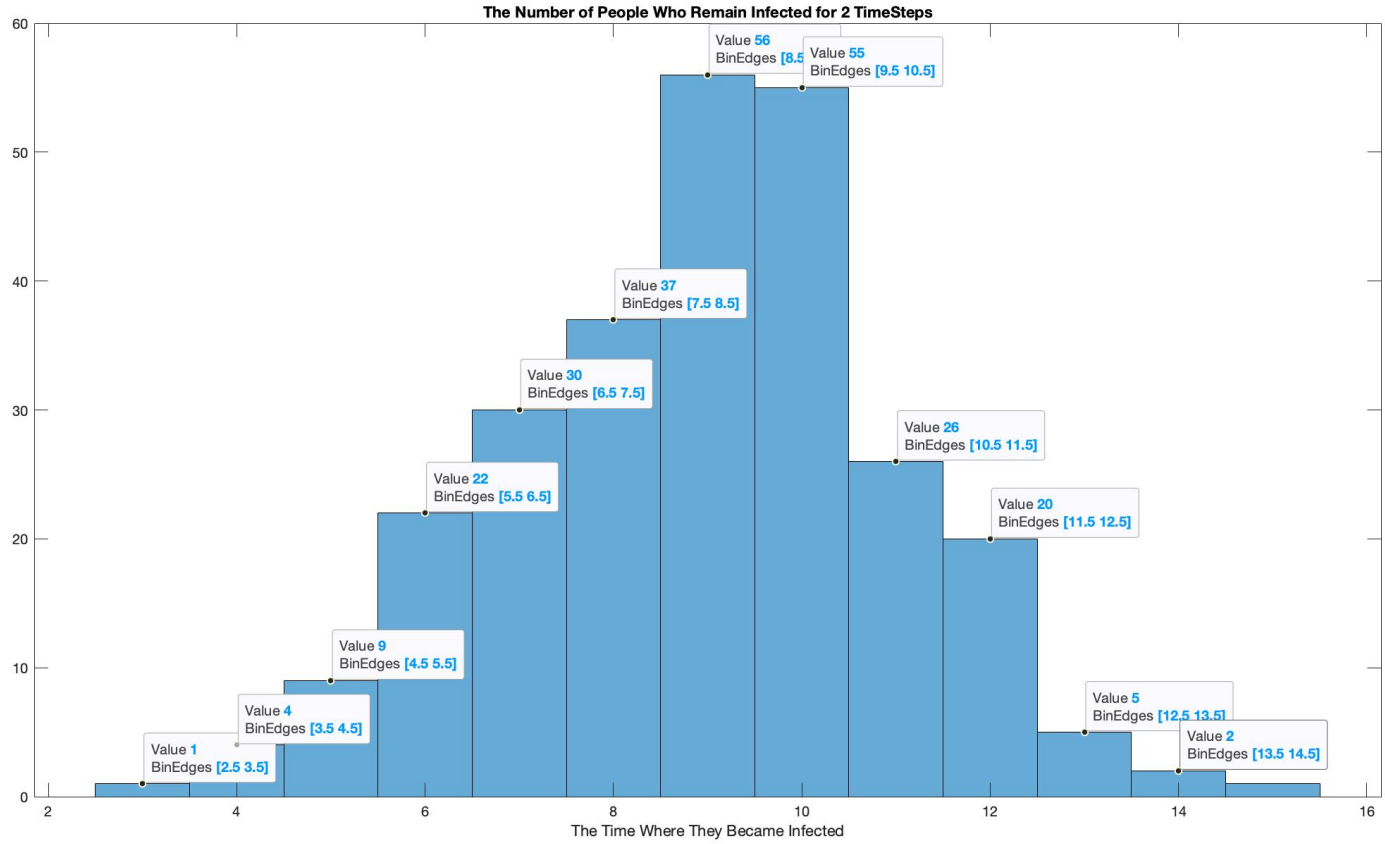
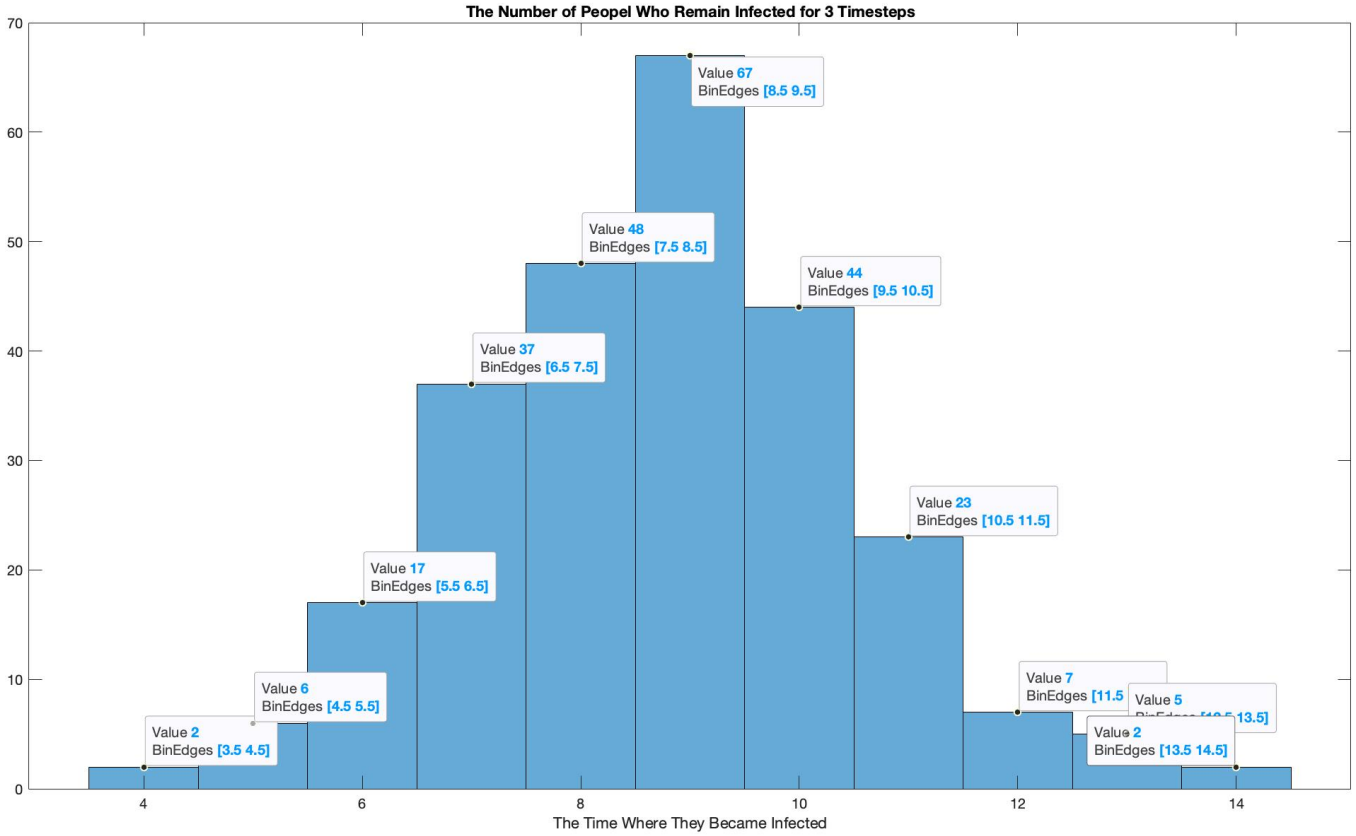
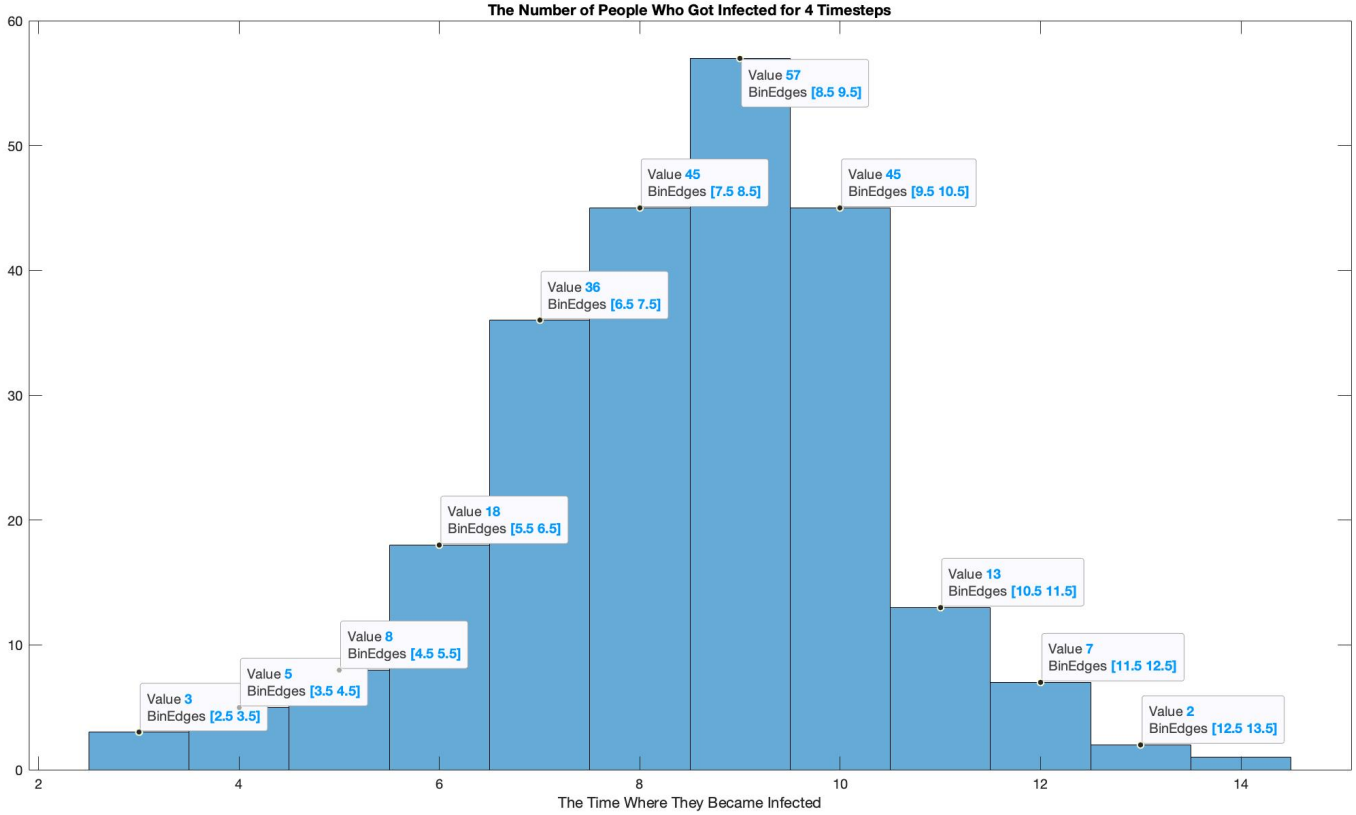
Infection Times Analysis:

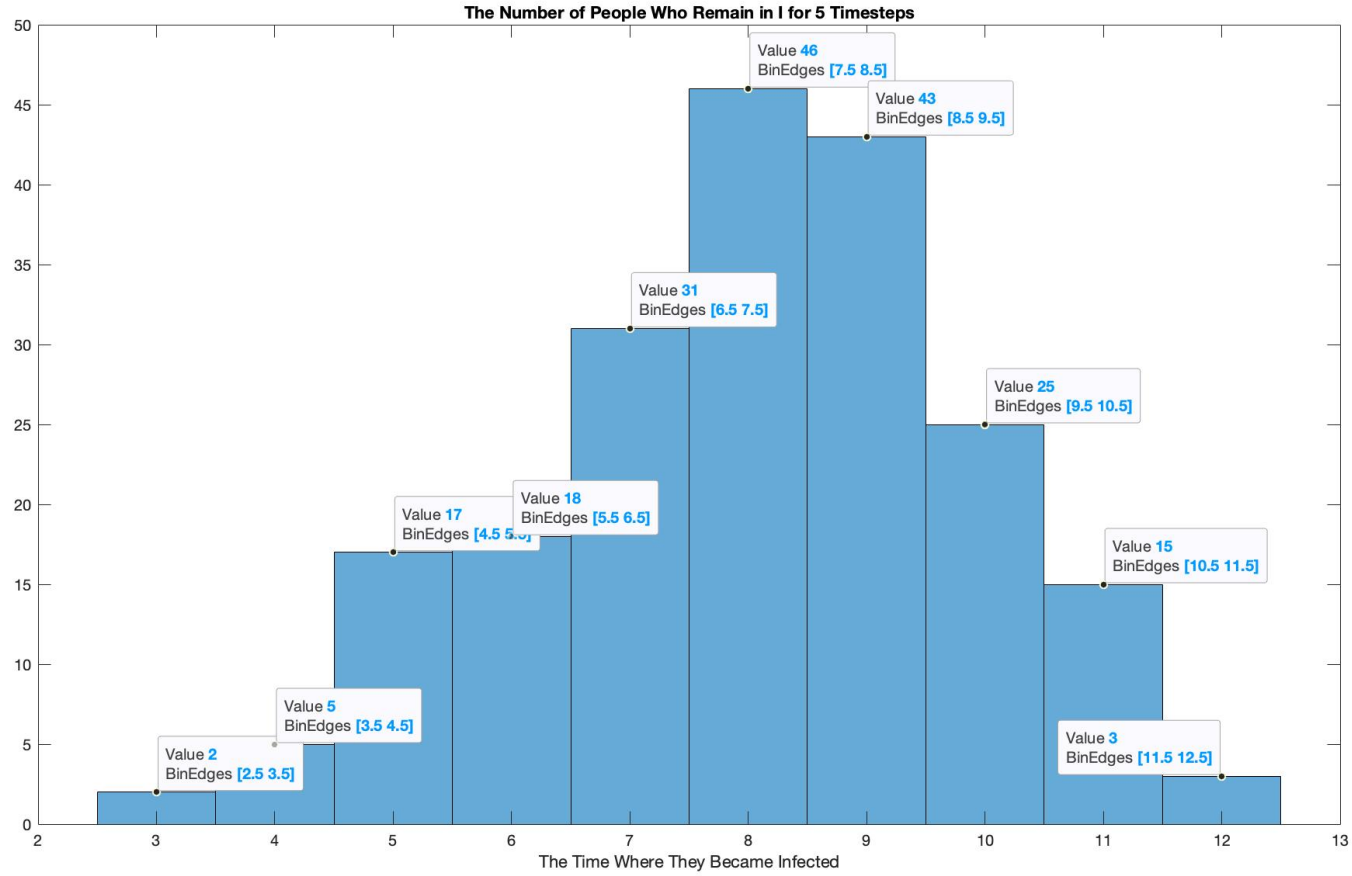
Histogram Plot:

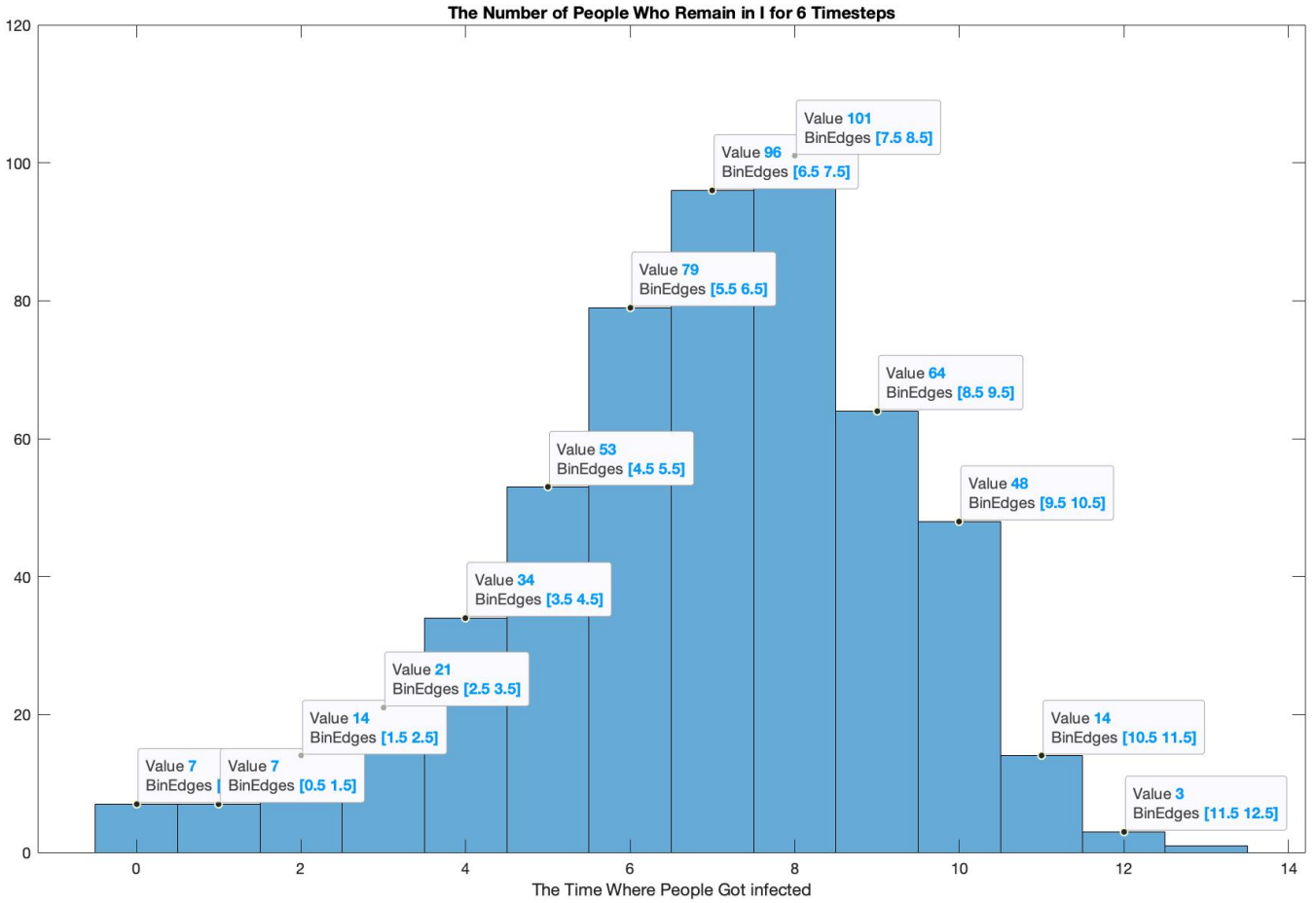
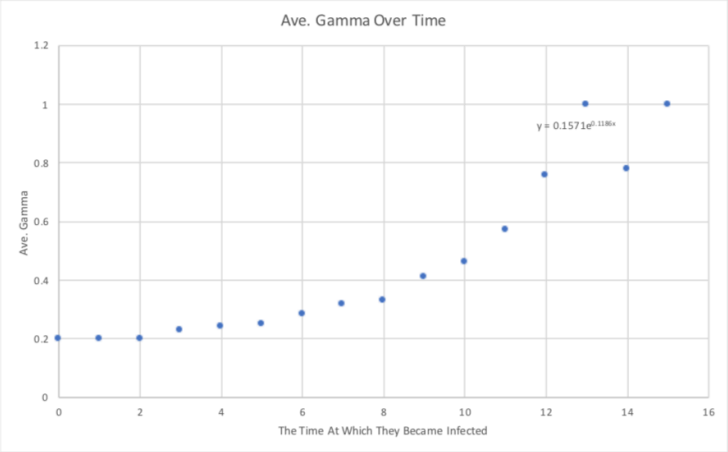
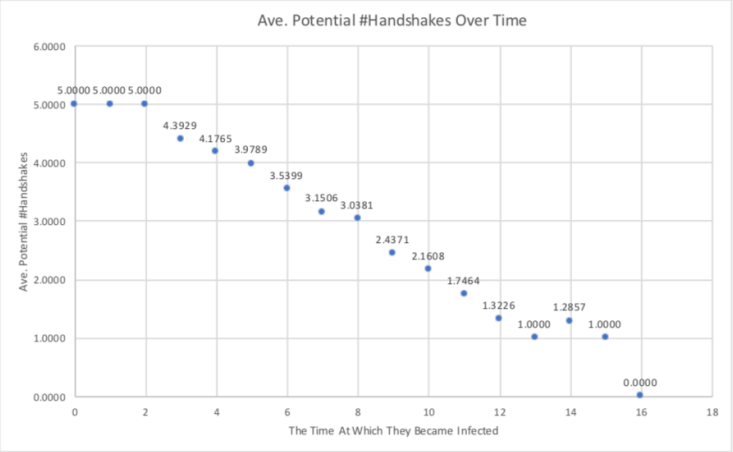





The Number of Peopel Who Remain Infected for 3 Timesteps
Value 67
BinEdges [8.5 9.5]
Value 48
BinEdges [7.5 8.5]
Value 44
BinEdges [9.5 10.5]
Value 37
BinEdges [6.5 7.5]
Value 23
BinEdges [10.5 11.5]
Value 17
BinEdges [5.5 6.5]
Value 7
BinEdges [11.5
Value 6
BinEdges [4.5 5.5]
Value 5
13.5]
Value 2
BinEdges [3.5 4.5]
Value 2
BinEdges [13.5 14.5]
0
10
20
30
40
50
60
70
4
6
8
10
12
14
The Time Where They Became Infected


The Number of People Who Got Infected for 4 Timesteps
Value 57
BinEdges [8.5 9.5]
Value 45
BinEdges [7.5 8.5]
Value 45
BinEdges [9.5 10.5]
Value 36
BinEdges [6.5 7.5]
Value 18
BinEdges [5.5 6.5]
Value 13
BinEdges [10.5 11.5]
Value 8
BinEdges [4.5 5.5]
Value 7
BinEdges [11.5 12.5]
Value 5
BinEdges [3.5 4.5]
Value 3
BinEdges [2.5 3.5]
Value 2
BinEdges [12.5 13.5]
0
10
20
30
40
50
60
2
4
6
8
10
12
14
The Time Where They Became Infected


The Number of People Who Remain in I for 5 Timesteps
Value 46
BinEdges [7.5 8.5]
Value 43
BinEdges [8.5 9.5]
Value 31
BinEdges [6.5 7.5]
Value 25
BinEdges [9.5 10.5]
Value 18
BinEdges [5.5 6.5]
Value 17
Value 15
BinEdges [10.5 11.5]
Value 5
BinEdges [3.5 4.5]
Value 2
BinEdges [2.5 3.5]
Value 3
BinEdges [11.5 12.5]
The Time Where They Became Infected


The Number of People Who Remain in I for 6 Timesteps
Value 101
BinEdges [7.5 8.5]
Value 96
BinEdges [6.5 7.5]
Value 79
BinEdges [5.5 6.5]
Value 64
BinEdges [8.5 9.5]
Value 53
BinEdges [4.5 5.5]
Value 48
BinEdges [9.5 10.5]
Value 34
BinEdges [3.5 4.5]
Value 21
BinEdges [2.5 3.5]
Value 14
BinEdges [1.5 2.5]
Value 14
BinEdges [10.5 11.5]
Value 7
Value 7
BinEdges [0.5 1.5]
Value 3
BinEdges [11.5 12.5]
The Time Where People Got infected

		The Time at Which They Became Infected																
		0	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**
The Number of Timesteps They Remain in I	**1**	0	0	0	1	1	2	9	29	38	63	69	47	22	13	2	0	1
	2	0	0	0	1	4	9	22	30	37	56	55	26	20	5	2	1	0
	3	0	0	0	0	2	6	17	37	48	67	44	23	7	5	2	0	0
	4	0	0	0	3	5	8	18	36	45	57	45	13	7	2	1	0	0
	5	0	0	0	2	5	17	18	31	46	43	25	15	3	0	0	0	0
	6	7	7	14	21	34	53	79	96	101	64	48	14	3	1	0	0	0
	weighted ave. of # timesteps	6	6	6	5.3929	5.1765	4.9789	4.5399	4.1506	4.0381	3.4371	3.1608	2.7464	2.3226	2	2.2857	2	1
	ave. Gamma	**0.2**	**0.2**	**0.2**	**0.2276423**	**0.2394366**	**0.2513228**	**0.2824957**	**0.317402**	**0.3291536**	**0.4103165**	**0.4627832**	**0.5726141**	**0.7560976**	**1**	**0.7777778**	**1**	**#DIV/0!**
	ave.potential # infectious handshakes	**5.0000**	**5.0000**	**5.0000**	**4.3929**	**4.1765**	**3.9789**	**3.5399**	**3.1506**	**3.0381**	**2.4371**	**2.1608**	**1.7464**	**1.3226**	**1.0000**	**1.2857**	**1.0000**	**0.0000**