



Average of derivation of being aware by lambda

Probability of being infected

A heatmap showing the probability of being infected as a function of beta (x-axis, 0.0 to 1.0) and lambda (y-axis, 0.0 to 1.0). The color scale ranges from 0.0054 (yellow) to 0.0066 (dark red). The values are mostly around 0.006, with some variation across the grid.

lambda \ beta	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0.0	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
0.1	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
0.2	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
0.3	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
0.4	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
0.5	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
0.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
0.7	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
0.8	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
0.9	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
1.0	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006

Average of being infected prob by lambda

A horizontal bar chart showing the average probability of being infected for each lambda value (0.0 to 1.0). The x-axis is beta (0.0 to 1.0) and the y-axis is avg. The values are mostly around 0.006, with a slight increase at lambda=1.0.

lambda	avg
0.0	0.006
0.1	0.006
0.2	0.006
0.3	0.006
0.4	0.006
0.5	0.006
0.6	0.006
0.7	0.006
0.8	0.006
0.9	0.006
1.0	0.006

Derivation of being infected

Average of derivation of being infected by lambda