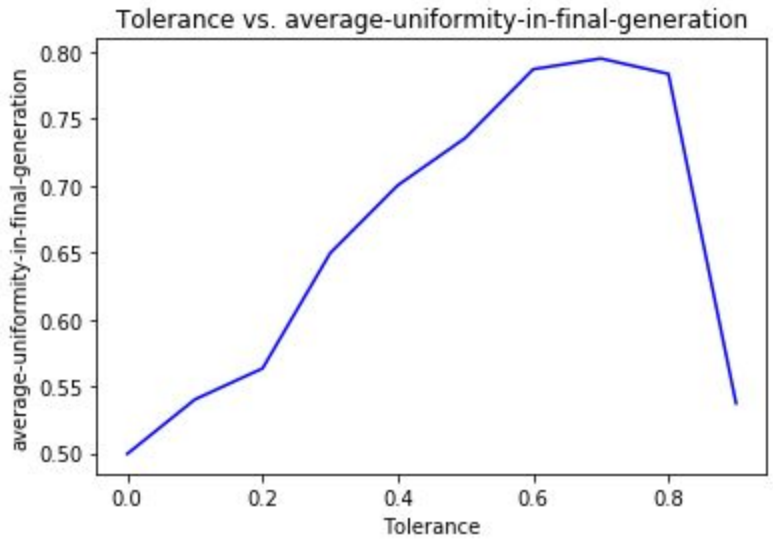
This project used cellular automata to observe growth patterns of different cells and how they influence others. This CA focuses on red and blue cells that are happier in a uniform society, and are more prone to dying out if they are not happy in their current position.

Original Result Post:
Stephen Wilson

I had chosen option a, in which I modified our Moore neighborhood of distance 1 into a Von Neumann Neighborhood of distance 1. In comparing the behavior of the two simulations, it seems as though the Moore neighborhood sustains a higher average uniformity than what the Von Neumann neighborhood sustains. This surprised me at first, but made sense as it seems as though making the parameters more strict causes the picky cells to die out.

Moore Neighborhood: Distance 1



Von Neumann Distance 2