

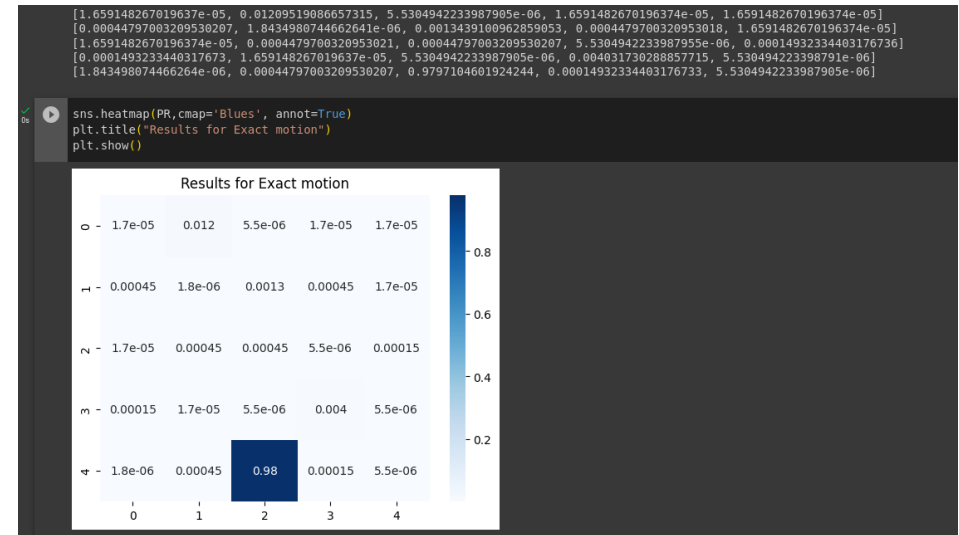
Simple Mobile Robot World (2D Grid) Consisting of 25 Cells

### Assumptions for this Statistics:

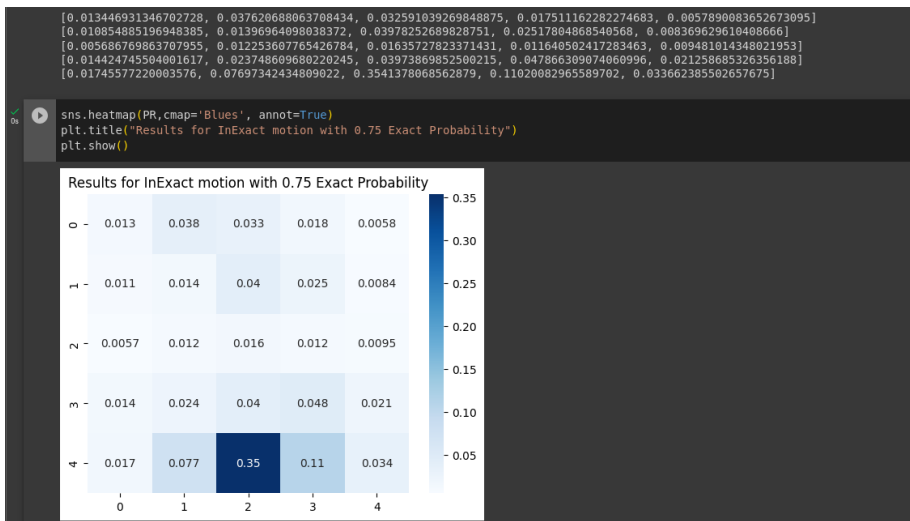
Robot Starting with equal probability of all cells

Sensing system provides 60% Correct input

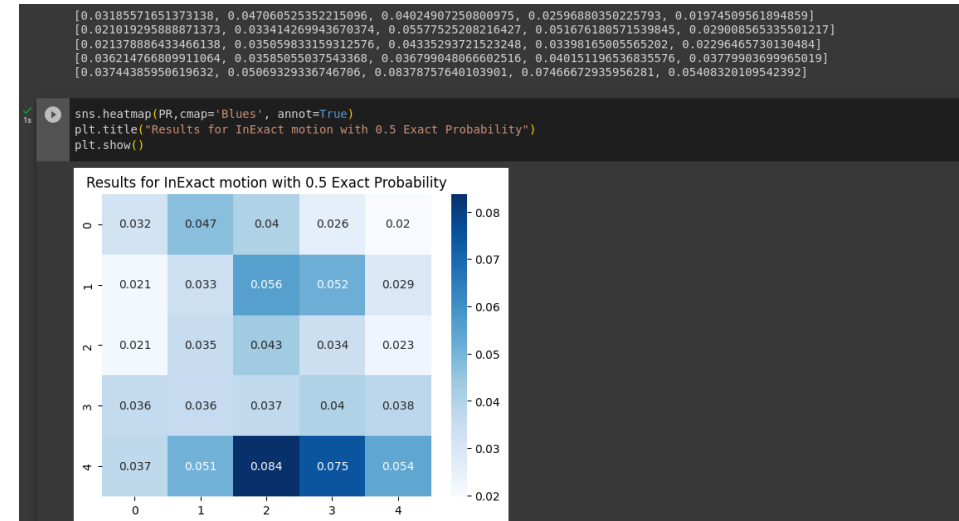
(Under/Over)Shoot including only the 2 neighbouring cells of the motion direction



Exact Motion with result of 98% of the correct cell



InExact Motion with Exact probability of 0.75 and result of 35% of the correct cell



InExact Motion with Exact probability of 0.5 and result of 8.4% of the correct cell