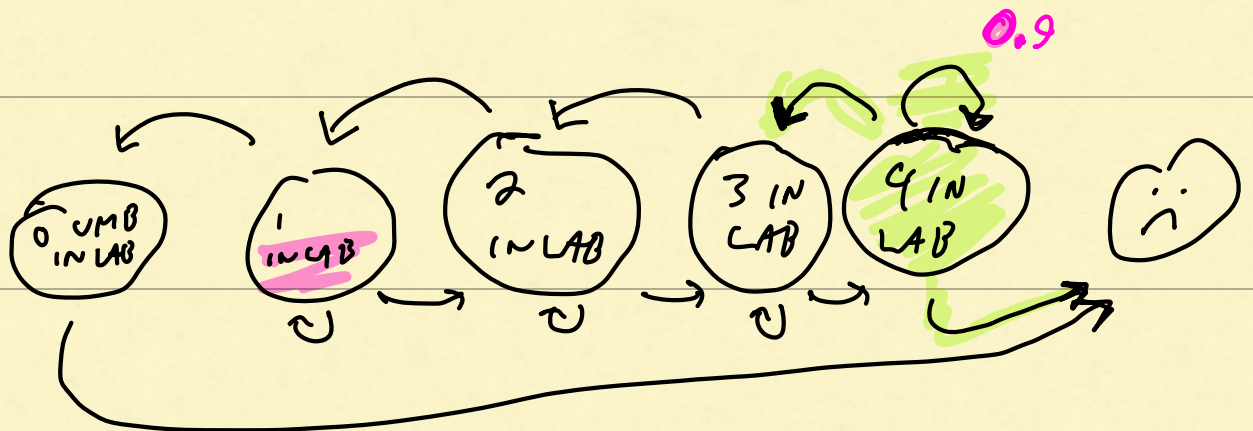
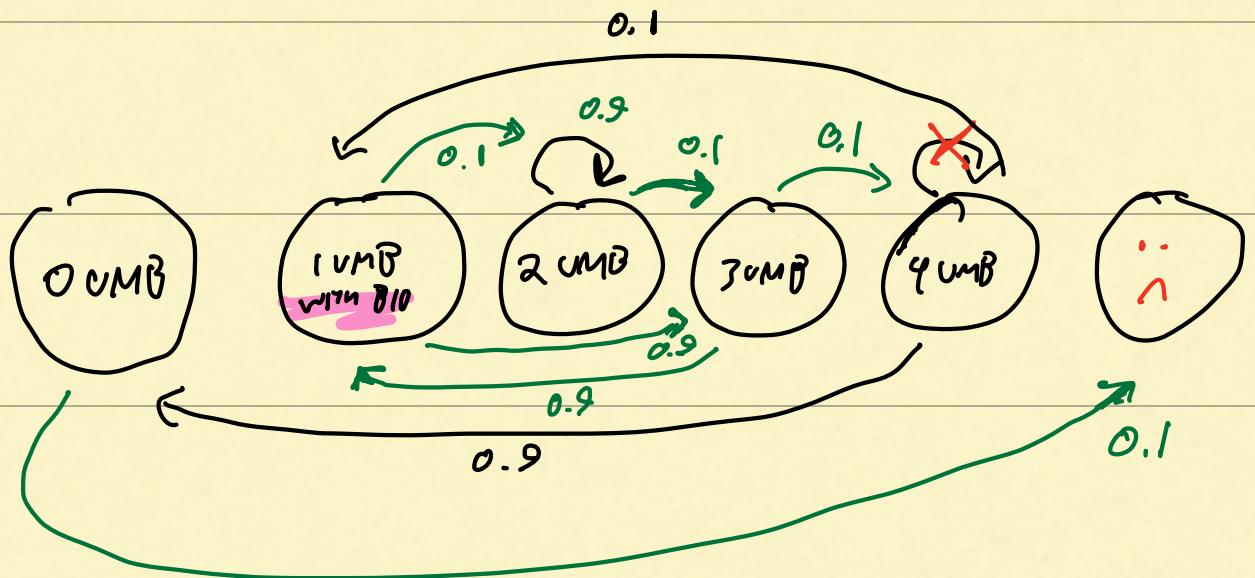


PS 3

HOW ABOUT # OF UMBRELLAS AT
HOME AND BIOLOGIST LOCATION?

2x5 STATES

HOW ABOUT :



	0	1	2	3	4	wET
0	0	0	0	0	0.9	0
1	0	0	0	0.2	0.1	0
2	0	0.2 0.1	0.2	0.1	0	0
3	0	0.2	0.1	0	0	0
4	0.9	0.1 0.2	0	0	0	0
wET	0.1	0	0	0	0	1

	4	3	2	1	0	wET
4	0					
3	0					
2	0					
1	0.1					
0	0.9					
wET	0					

$$\vec{P}_{N+1} = M \cdot \vec{P}_N$$

MEAN FIRST PASSAGE FROM j TO k

M_{-j} REMOVE j^{th} ROW & COLUMN

$$\begin{bmatrix} -1 \\ -1 \\ -1 \\ -1 \\ -1 \end{bmatrix} = (M_{-j} - I_{5 \times 5}) \cdot \vec{T}_j$$

↑

48 DAYS ?

✓✓ 96 TRANSITIONS ?