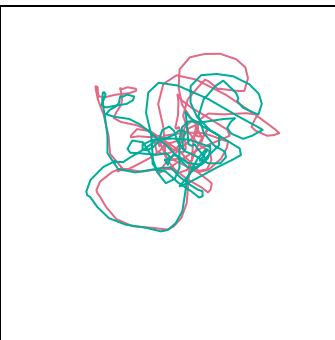
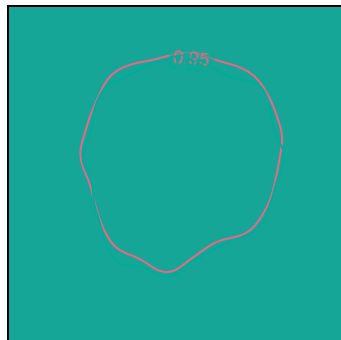


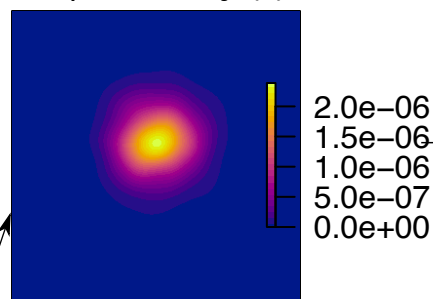
Movement paths



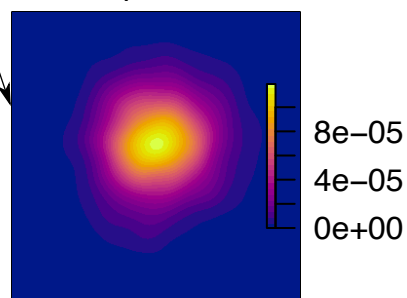
Utilization Distributions



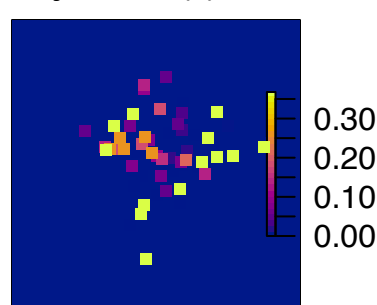
UD product $\times \int s(\tau) d\tau$



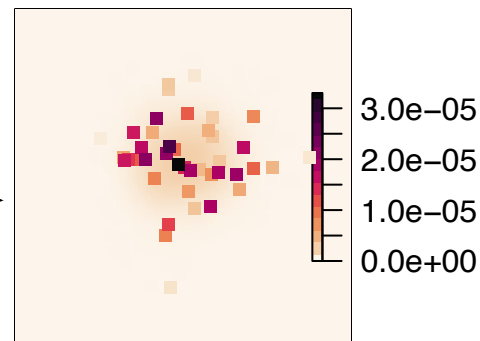
SD product



$\int \text{Corr} \times s(\tau) d\tau$



Force of infection



Location history

Locations (grid cells) x

0	0	...	1
0	1	...	0
1	0	...	0
...
0	0	...	1

Lagged correlation

Locations (grid cells) x

-0.05	0	...	0.9
-0.03	0.2	...	0.5
-0.01	0.1	...	0
...
0	0	...	-0.01

Times t

Lags τ