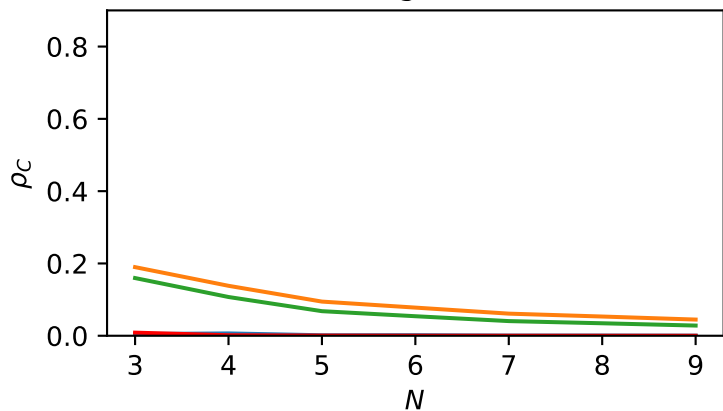
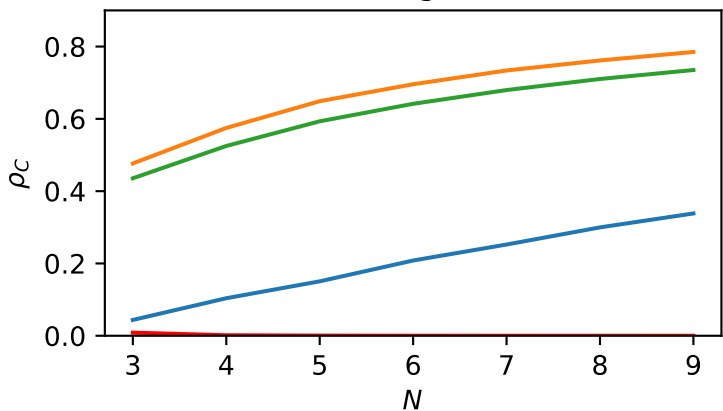


Absorption probabilities for Full Cooperation in a binomially Heterogeneous PGG with varying population size.

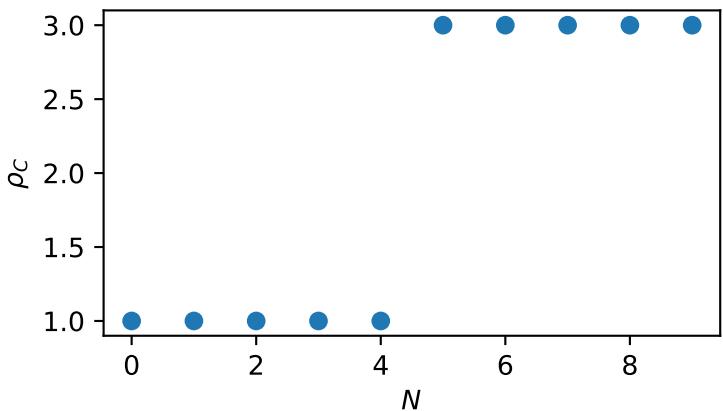
1 low-contributing initial contributor



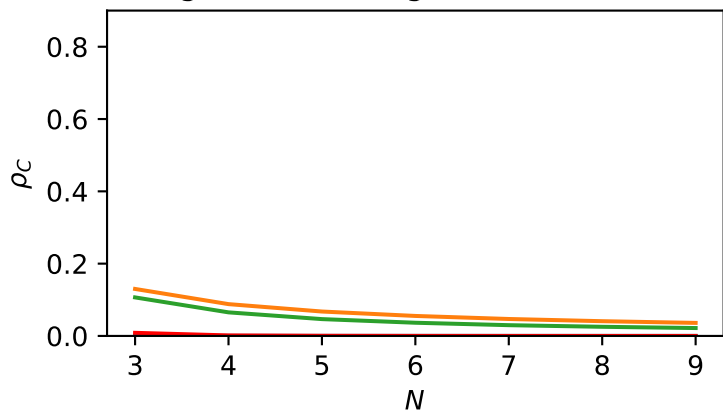
1 low-contributing initial defector



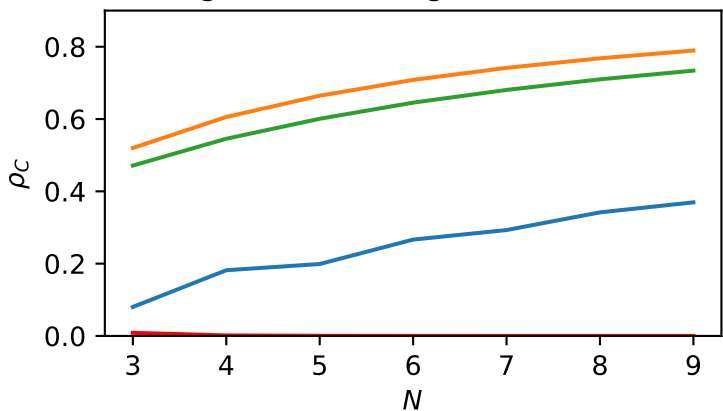
E.g. Contrbutions for  $N = 10$



1 high-contributing initial contributor

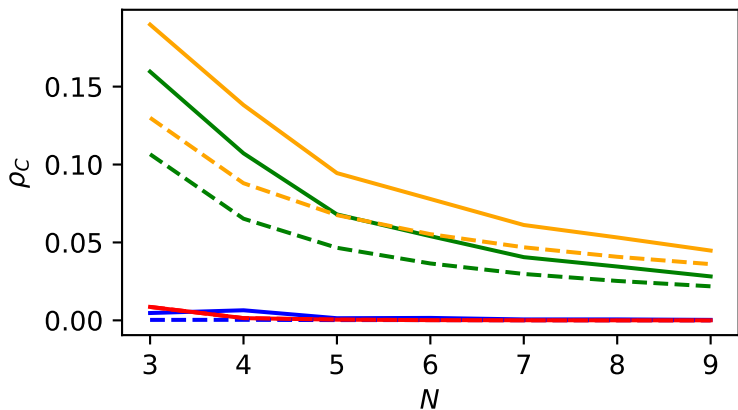


1 high-contributing initial defector

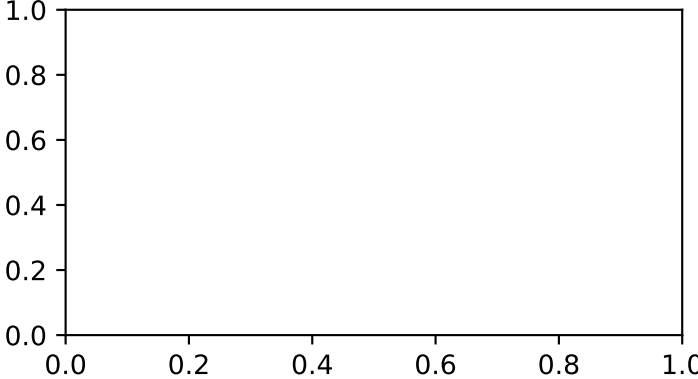
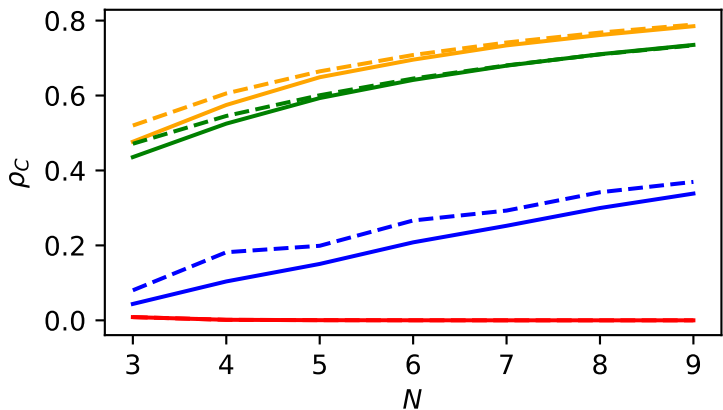


- Fermi Imitation Dynamics
- Moran Process
- Introspective Imitation Dynamics
- Introspection Dynamics

1 initial contributor



1 initial defector



Dashed - High contributing mutant  
Solid - Low contributing mutant  
 $\beta = 0.5$ ,  $\alpha_h = 1.8$ ,  $M = 20$ ,  $\alpha_h = \frac{1.5M}{N}$