

Results——mutation rate & M

Favorable mutation rate and M values

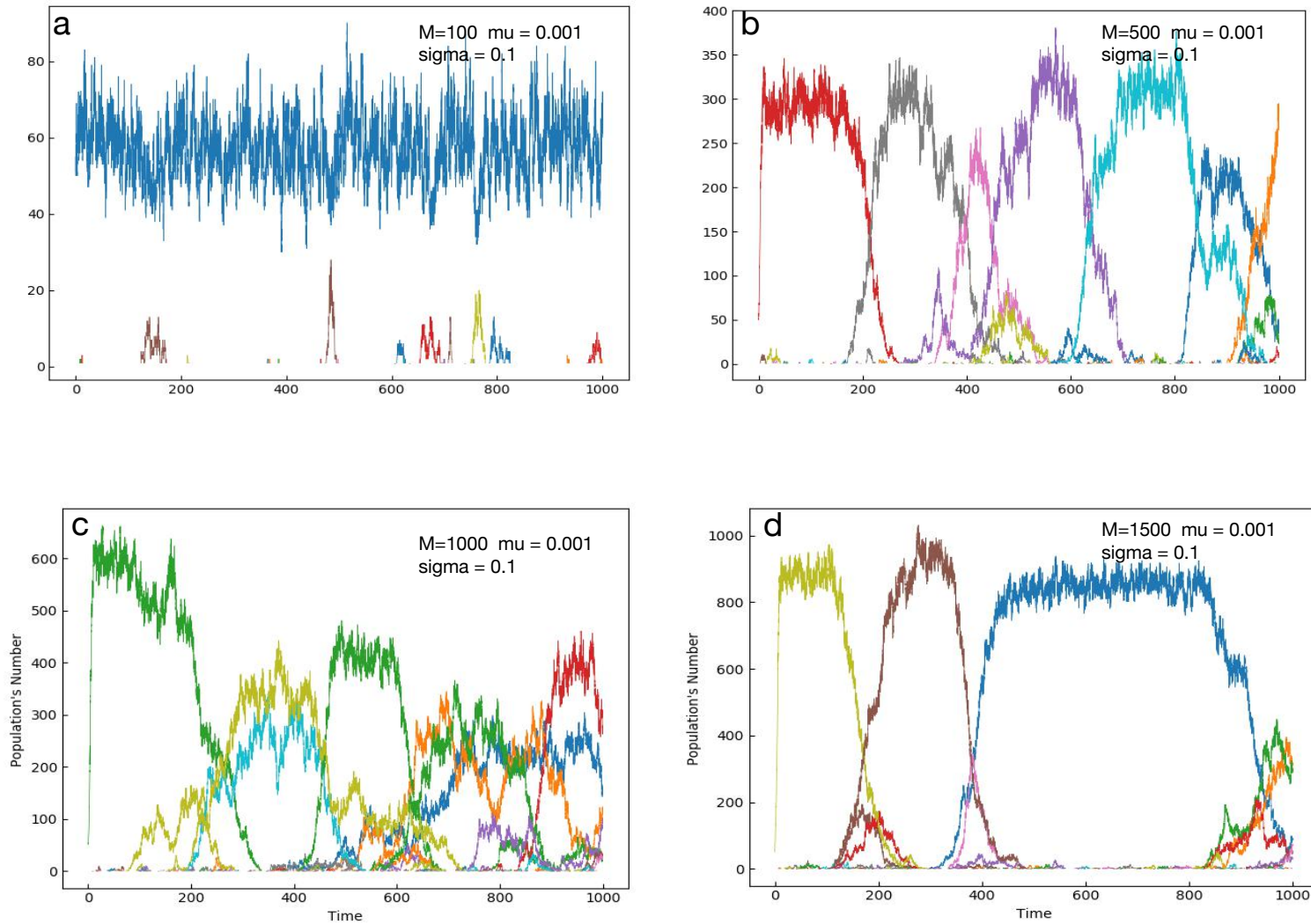


Fig. 1. Population size of all species when $\sigma=0.1$

Results——mutation rate & M

Favorable M values

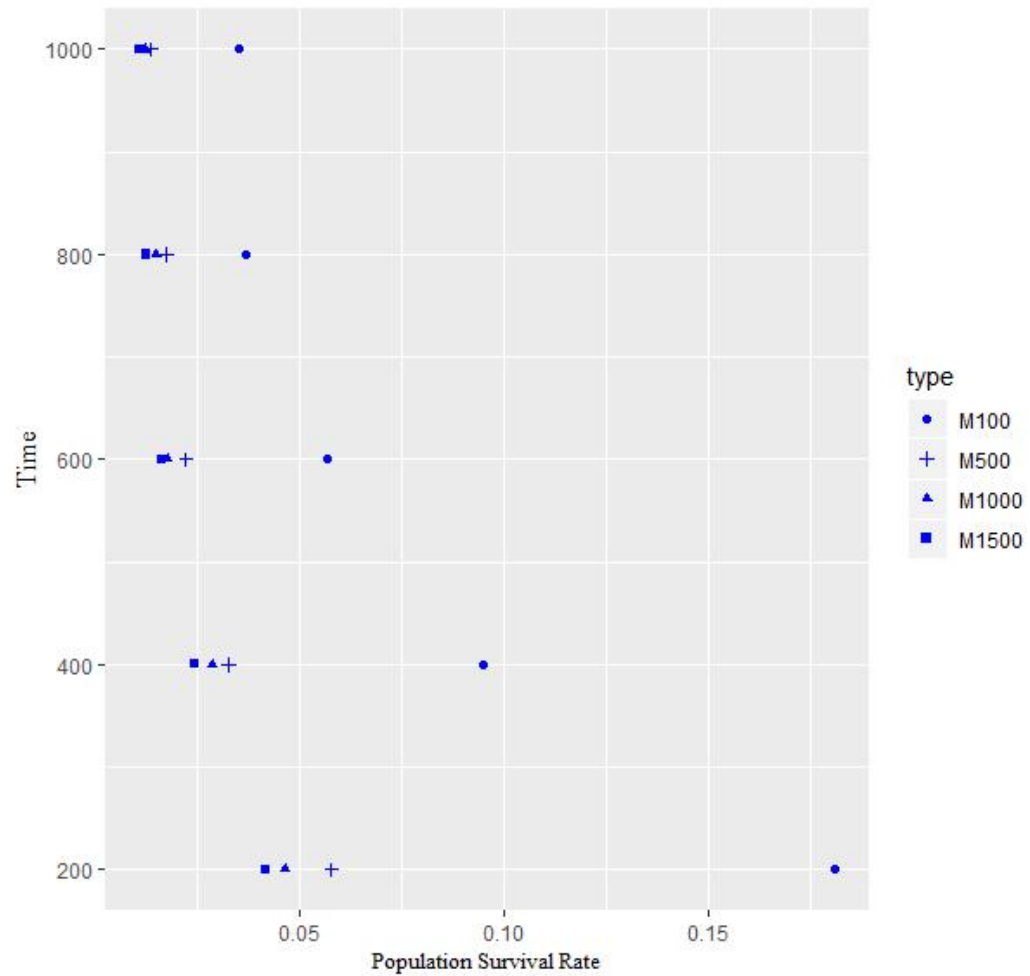


Fig. 2. Populations' survival rate corresponding to different M values

Results—— sigma values

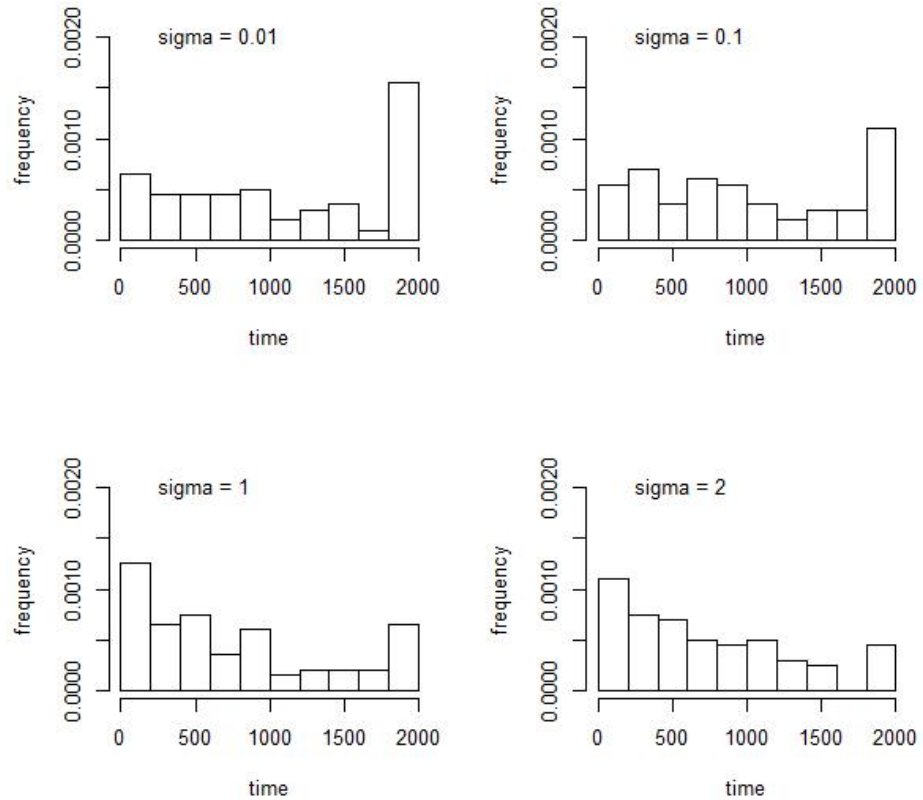


Fig. 3. Ancestor species' time intervals

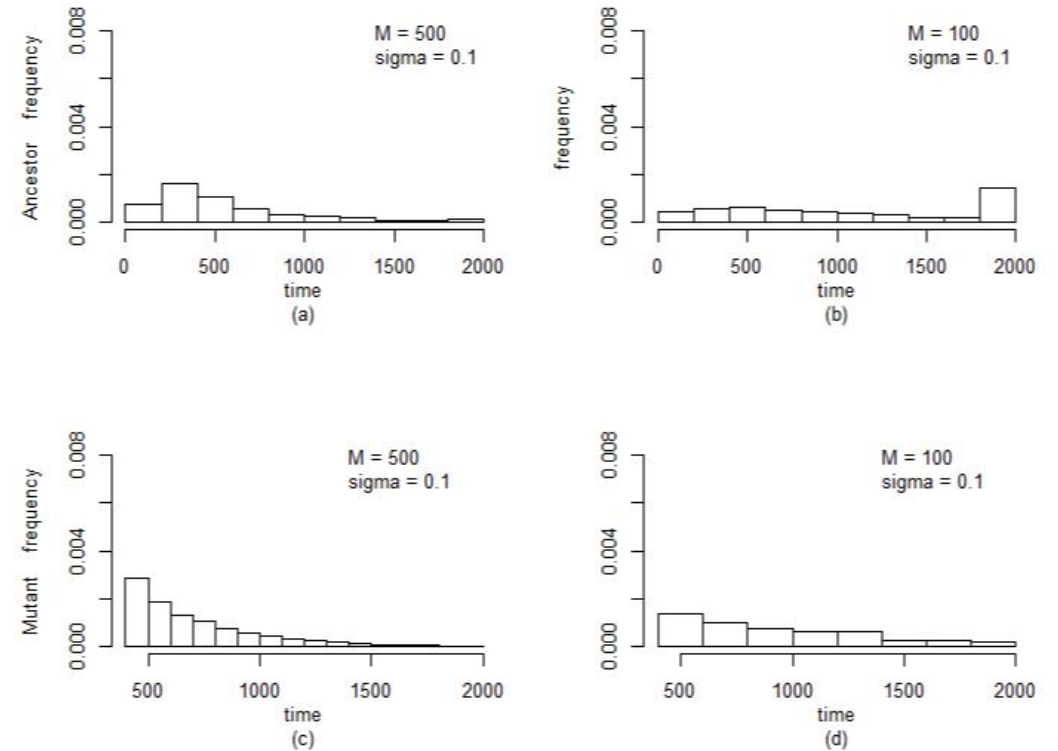


Fig. 4. Ancestor and mutant species' time intervals

Results—— two population's dynamics

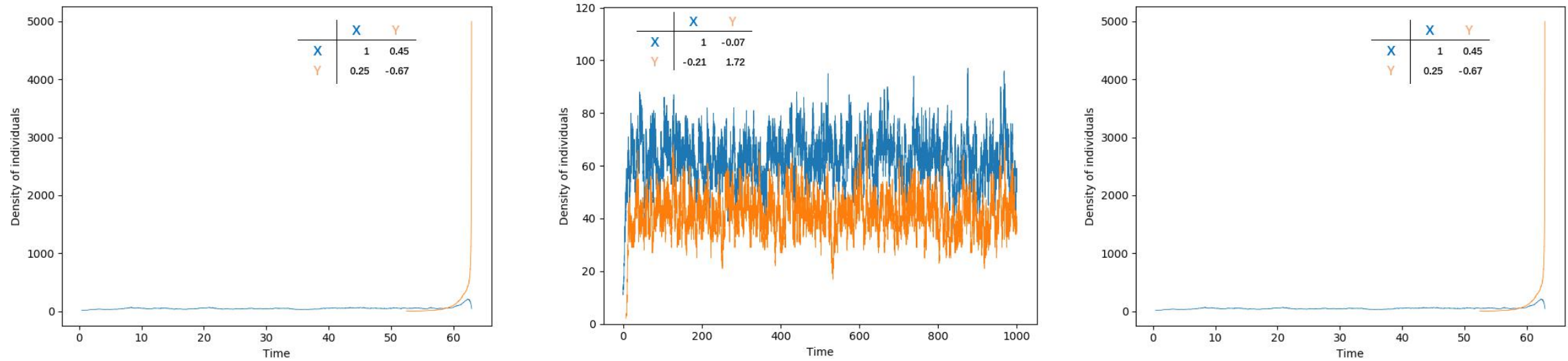


Fig. 5. Relationship of one ancestor population and one mutant population

Results—— payoff distribution

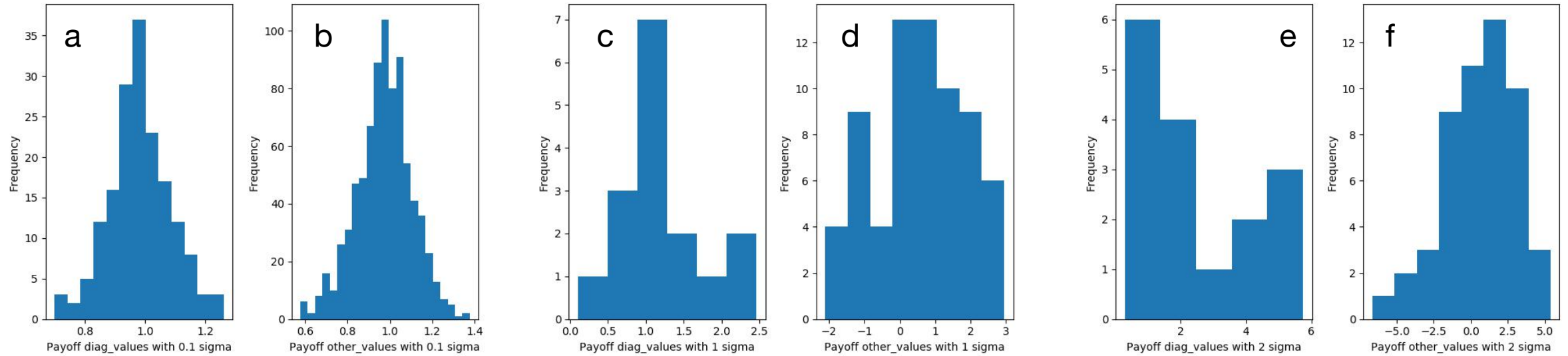


Fig. 6. Histogram of the diagonal elements (self-interaction) and a histogram of the rest elements

Results——introduced truncated-norm

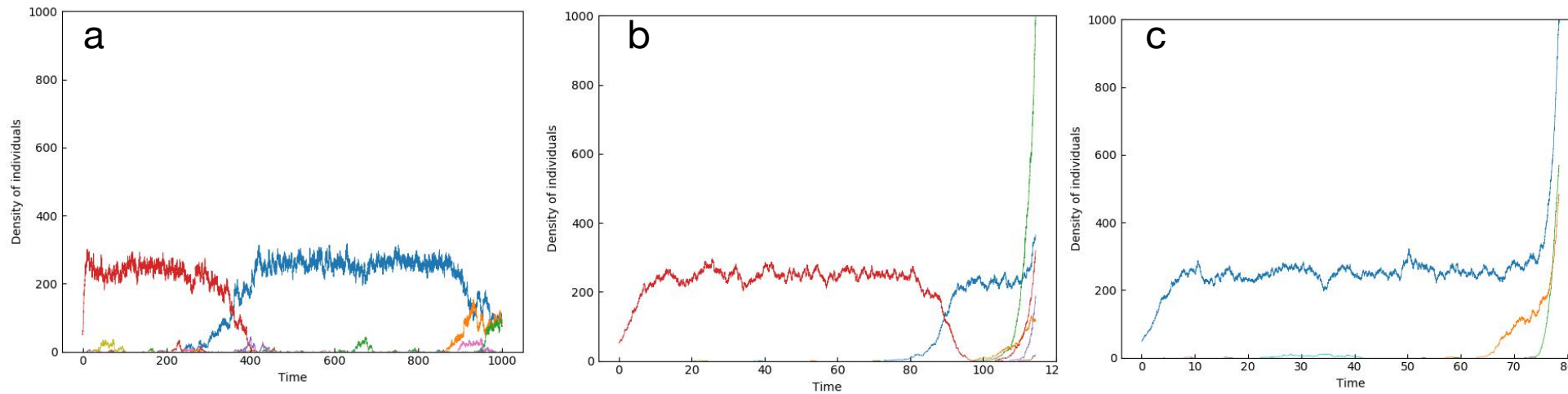


Fig. 7. Dynamics of all populations with different sigma values