

P_{RDN}
under the weak mutations
effects approximation

$$P_{\text{rescue}} \underset{\lambda \ll r_{\text{max}}}{\approx} 1 - \exp(-N_0 U e^{-\alpha} \alpha^{-3/2}) \quad \text{with} \quad \alpha \approx \frac{r_D^2 r_{\text{max}}}{4\lambda}$$

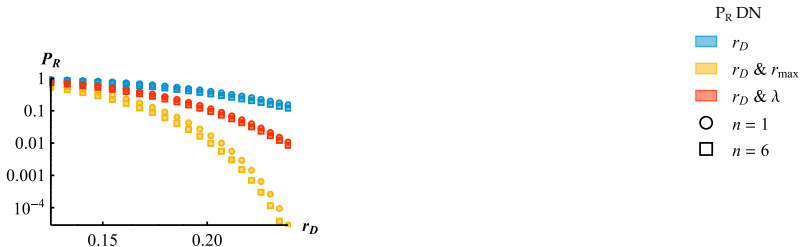
The effective stress level

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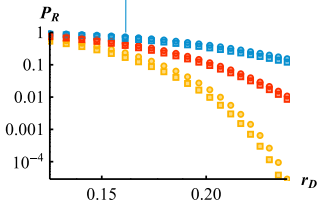
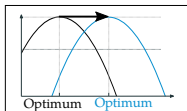


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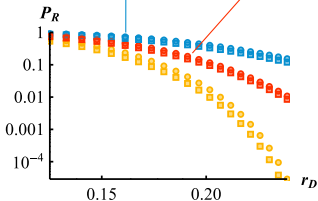
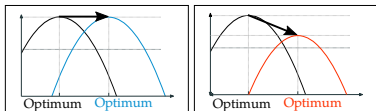
- r_D
- r_D & r_{max}
- r_D & λ
- $n = 1$
- $n = 6$

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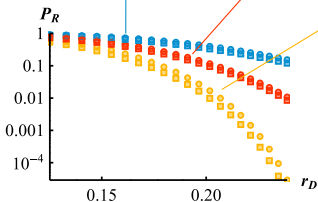
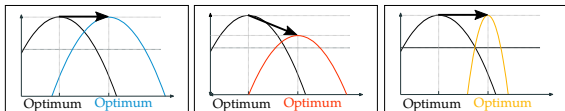
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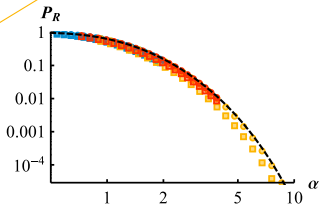
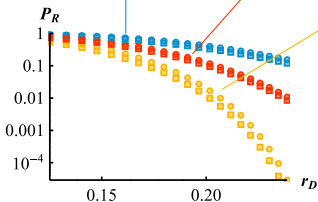
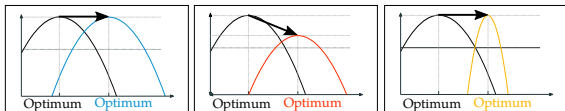
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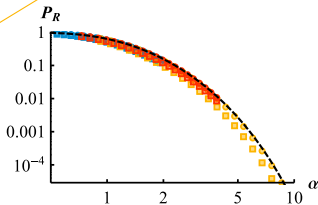
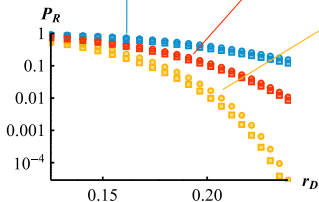
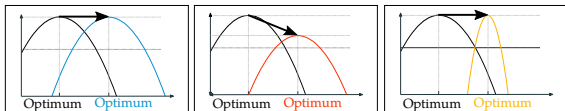
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α summarizes the effect on the ER probability of **all the different scenarios** of stressing environmental change