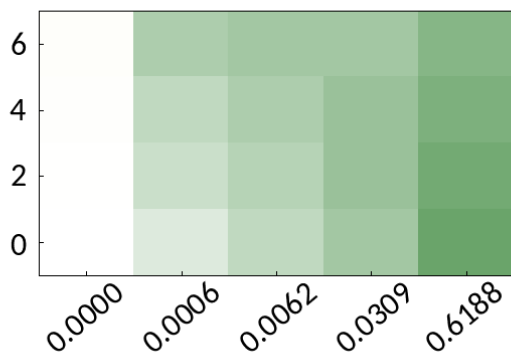


$\phi_A = 0.6$

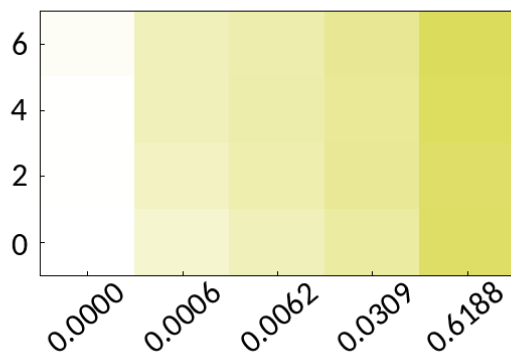
Local nematic order param. of AA bonds

-0.1 0 0.1 0.2 0.3 0.4 0.5



Local nematic order param. of BB bonds

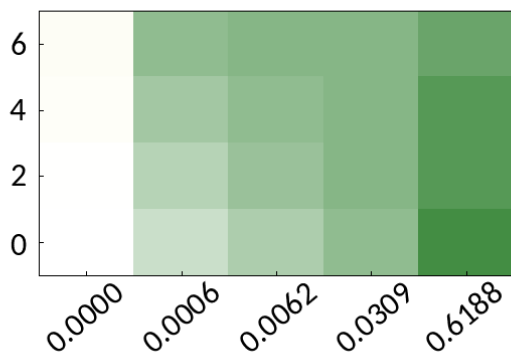
-0.1 0 0.1 0.2 0.3 0.4 0.5



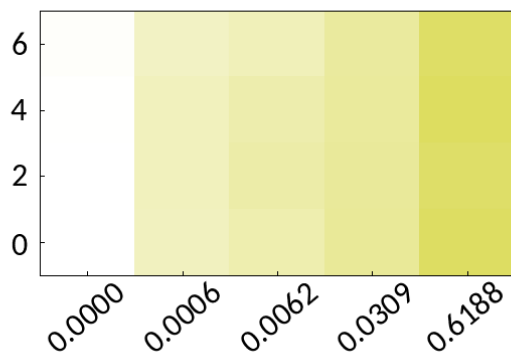
$\phi_A = 0.5$

Heterochromatin affinity (ϵ_{HC})

-0.1 0 0.1 0.2 0.3 0.4 0.5

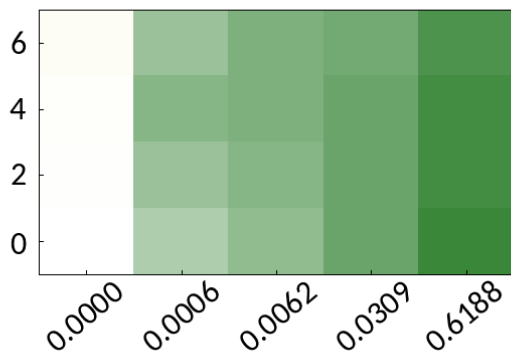


-0.1 0 0.1 0.2 0.3 0.4 0.5

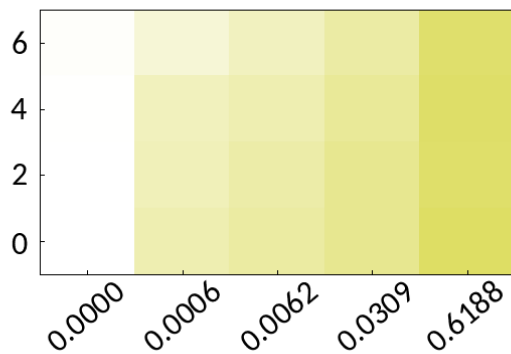


$\phi_A = 0.4$

-0.1 0 0.1 0.2 0.3 0.4 0.5



-0.1 0 0.1 0.2 0.3 0.4 0.5



Enzymatic activity (Λ)