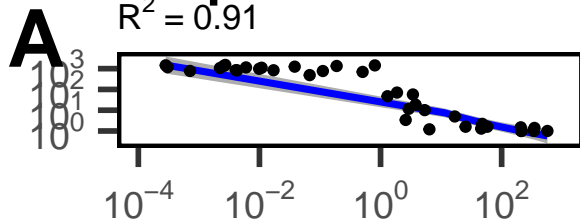


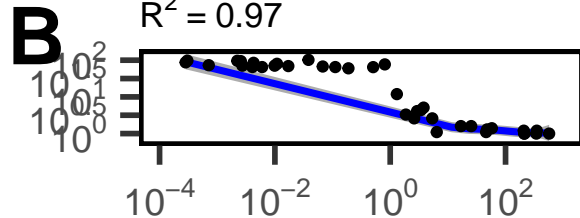
Observed Simber of individ

# IBM predictions

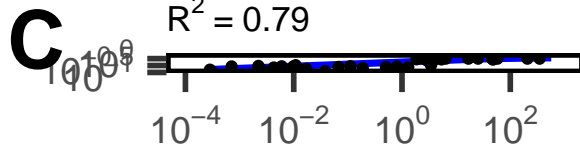
$R^2 = 0.91$



$R^2 = 0.97$



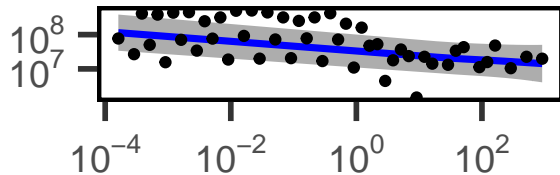
$R^2 = 0.79$



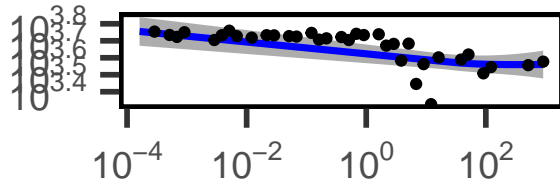
Number of turnovers

# Chemostat results

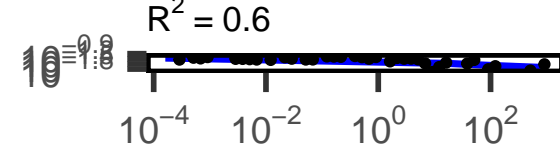
$R^2 = 0.77$



$R^2 = 0.65$



$R^2 = 0.6$



Number of turnovers

Observed S N (cells/mL)

$E_D^{-1}/s$