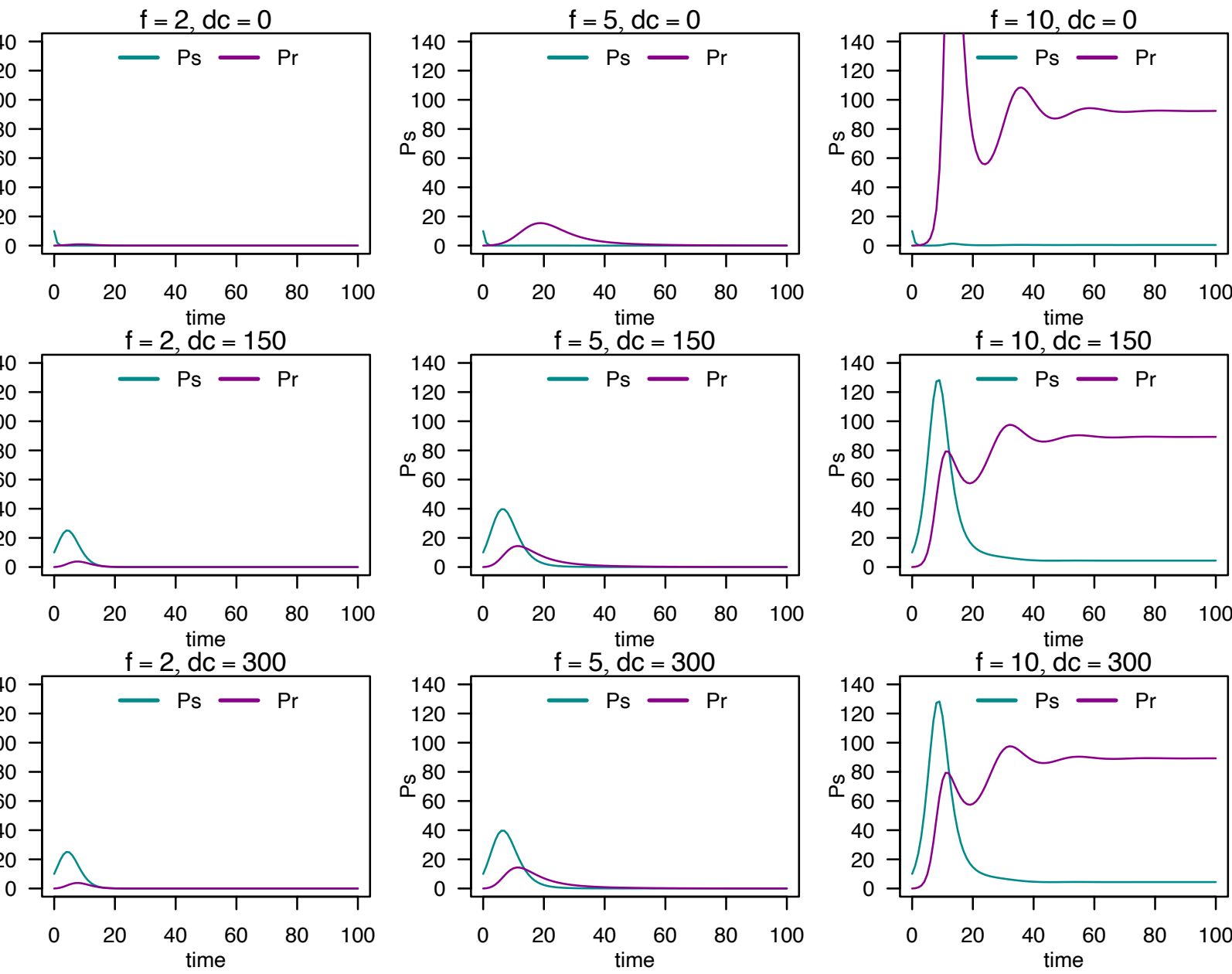
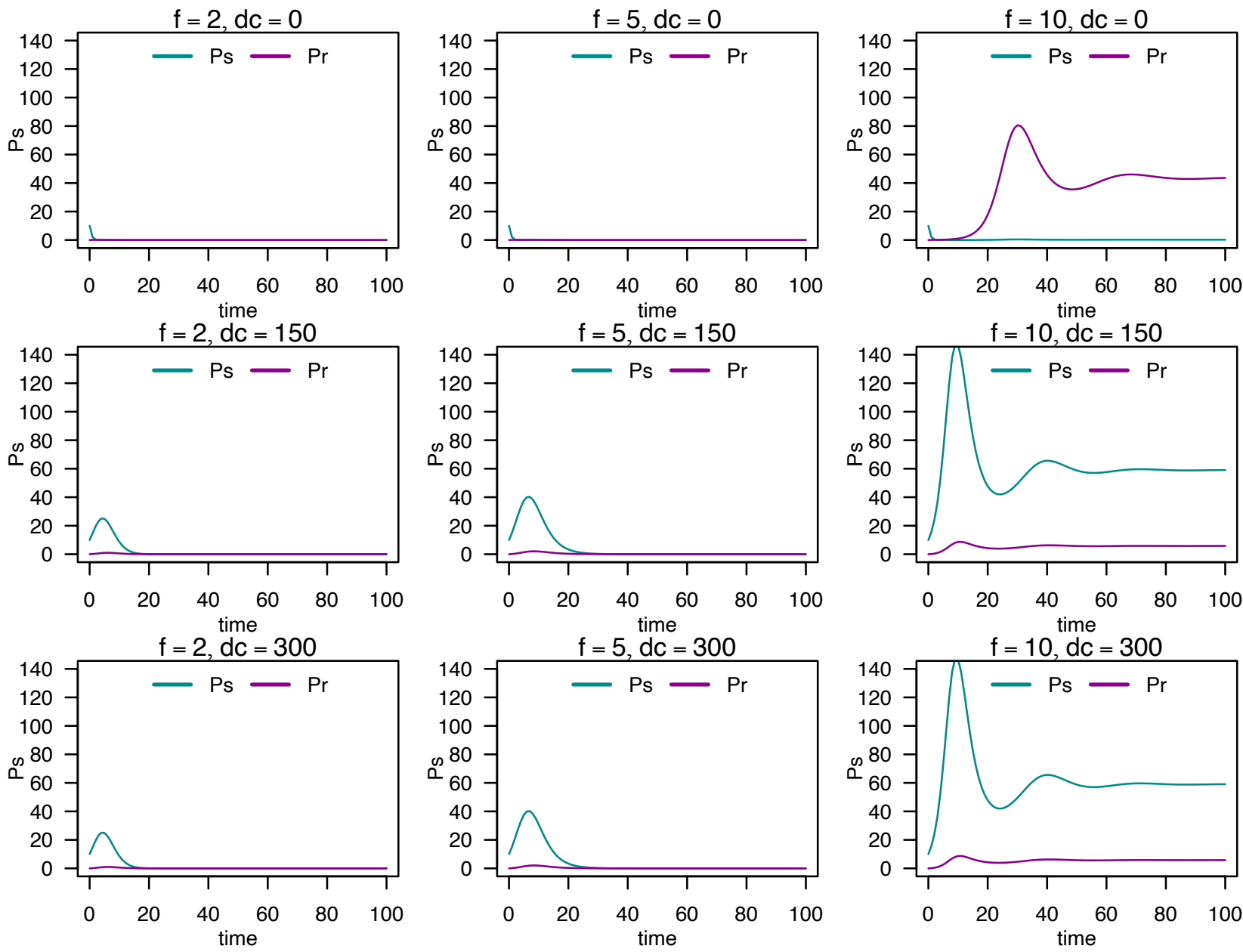


Pr has *higher* attack rate, sigma (thus, *higher* virulence)



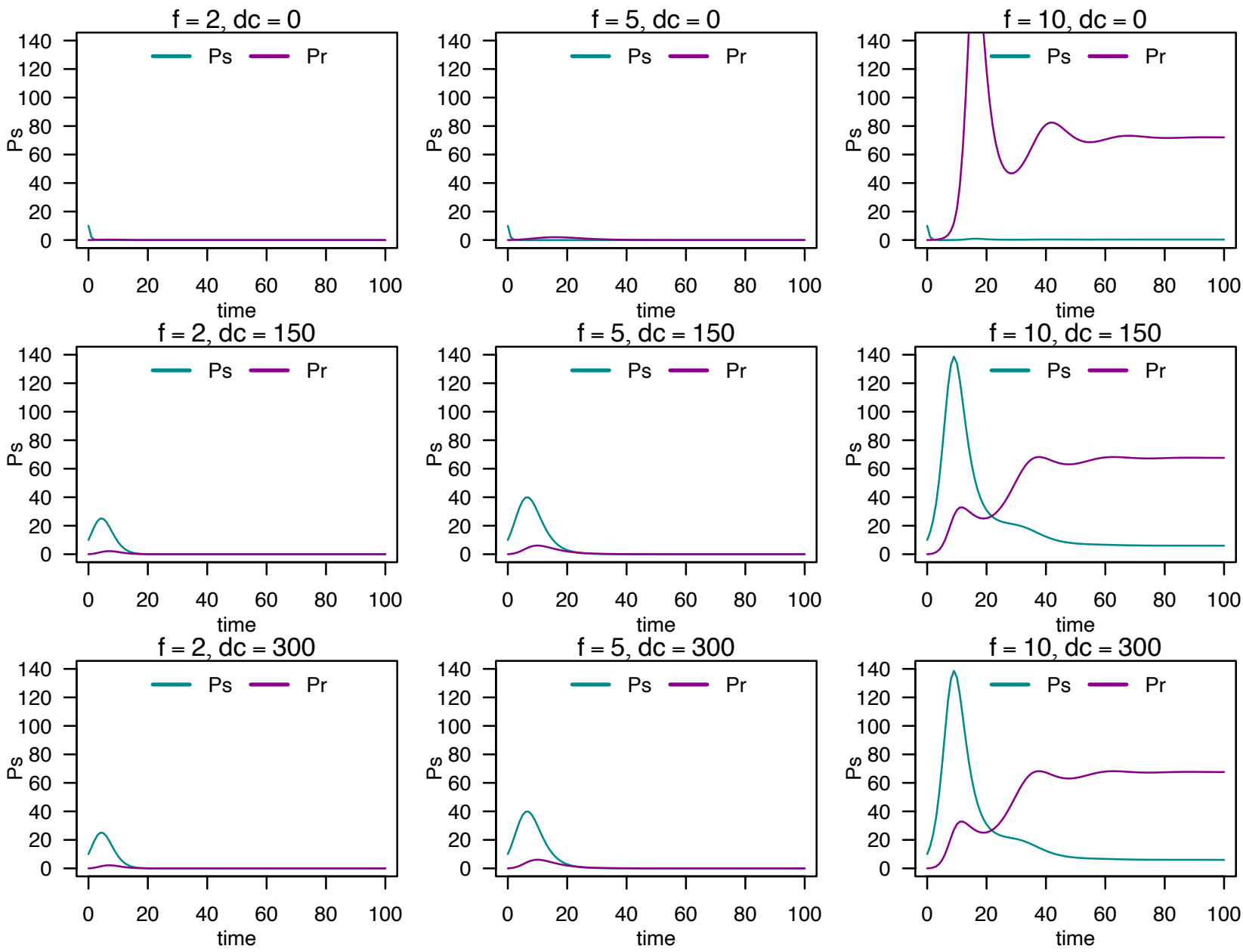
Traditional practices - higher food and high drug doses drive the emergence of drug-resistant strains.

Pr has *lower* conversion efficiency, e



Traditional practices - higher food and high drug doses ***prevents*** the emergence of drug-resistant strains...but also prolongs the infection with drug-sensitive strains

Pr has *lower* conversion efficiency, e & higher attack



Traditional practices - higher food and high drug doses drive the emergence of drug-resistant strains

Intermediate values of food and drugs can shift competitive interactions