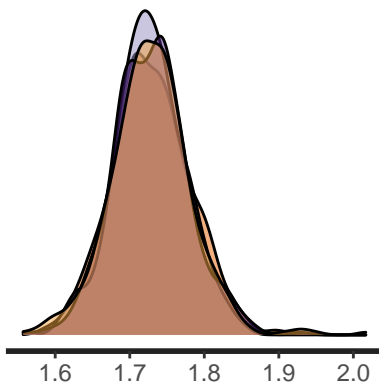
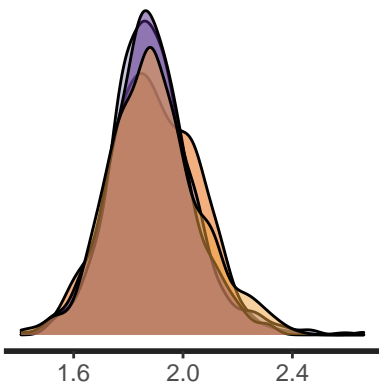
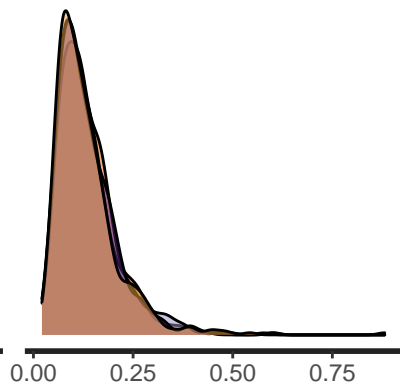
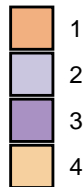
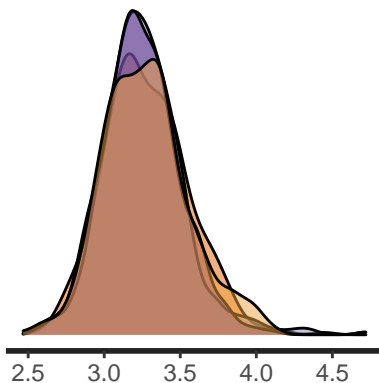
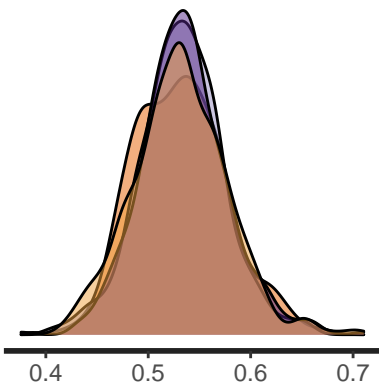


**beta****recovery\_time****phi\_inv****chain****R0****gamma****phi**