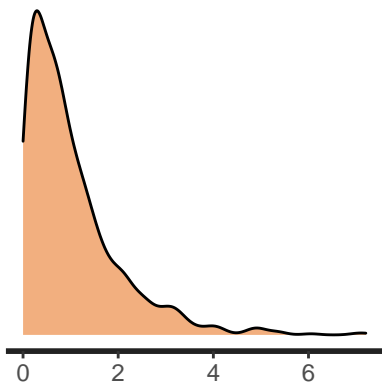
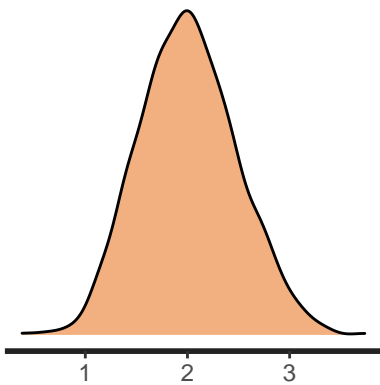
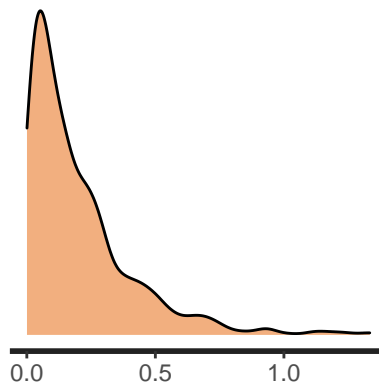
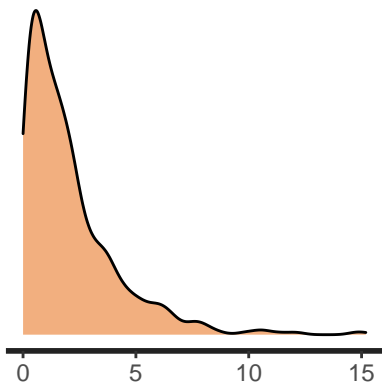
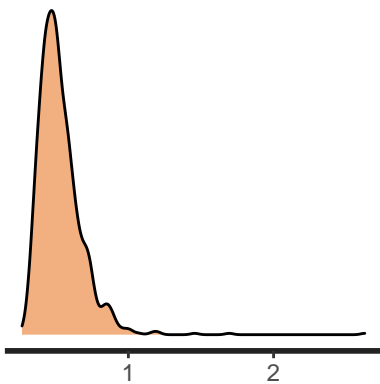
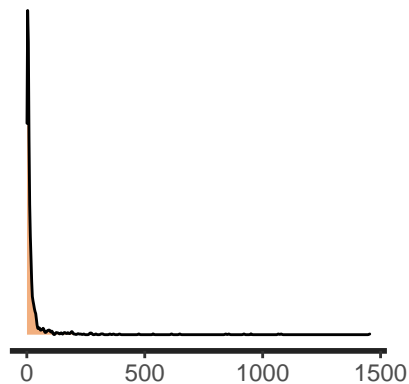


**beta****recovery\_time****phi\_inv****R0****gamma****phi**

chain

