1. If a discrete random variable X follows hypergeometric distribution, with m=7,n=5,k=6. What is P(X=5)?
2. dhyper(5,7,5,6)
3. phyper(5,7,5,6)
4. phyper(4,7,5,6)
5. dbinom(5,7,5,6)
6. pbinom(4,7,5,6)
7. If a discrete random variable X follows hypergeometric distribution, with m=7,n=5,k=6. What is P(X<=4)?
8. dhyper(5,7,5,6)
9. phyper(5,7,5,6)
10. phyper(4,7,5,6)
11. dbinom(5,7,5,6)
12. pbinom(4,7,5,6)
13. If a discrete random variable X follows hypergeometric distribution, with m=7,n=5,k=6. What is P(X<5)?
14. dhyper(5,7,5,6)
15. phyper(5,7,5,6)
16. phyper(4,7,5,6)
17. dbinom(5,7,5,6)
18. pbinom(4,7,5,6)
19. The number of people arriving for treatment at an emergency room can be modeled by a Poisson process with a mean of 5 people per hour. What is the probability that **at least** 4 people arrive during a particular hour?
20. dpois(4,5)
21. ppois(4,5)
22. 1-ppois(4,5)
23. 1-ppois(3,5)
24. ppois(3,5)
25. The number of people arriving for treatment at an emergency room can be modeled by a Poisson process with a mean of 5 people per hour. How many people do you expect to arrive during a 45-min period?
26. 5
27. 10
28. 2.5
29. 3.75
30. 20