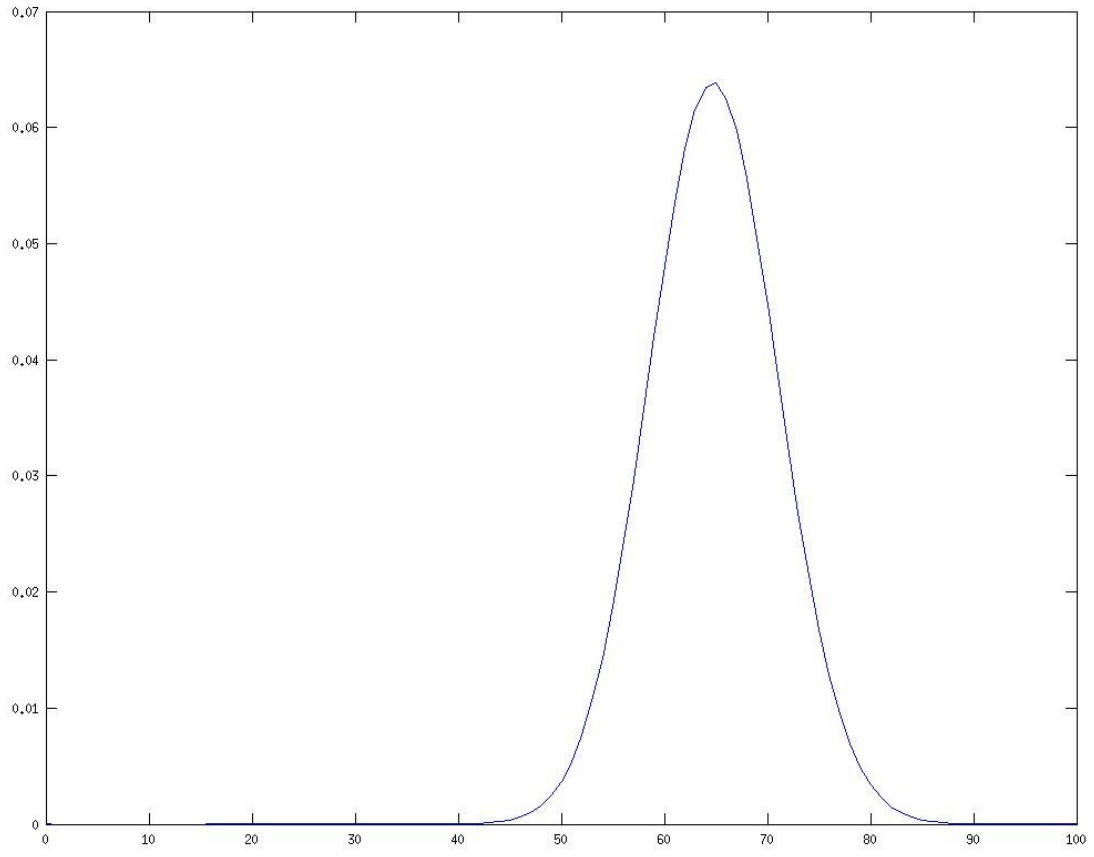
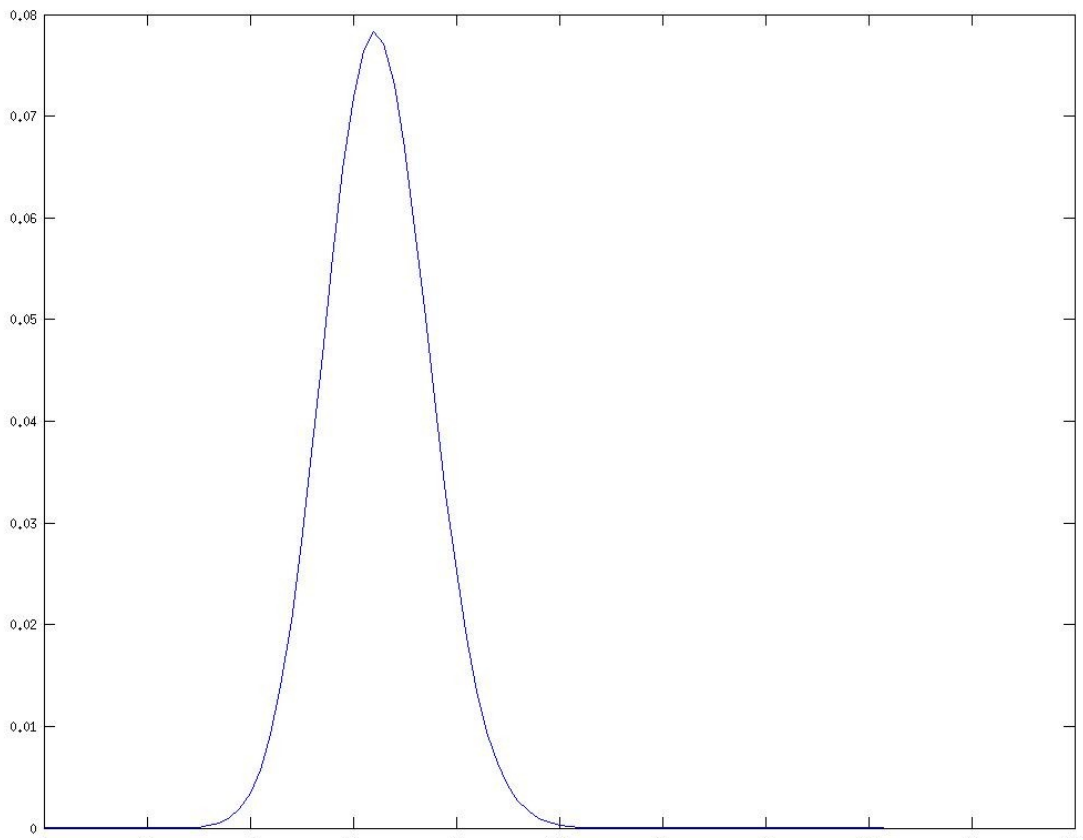
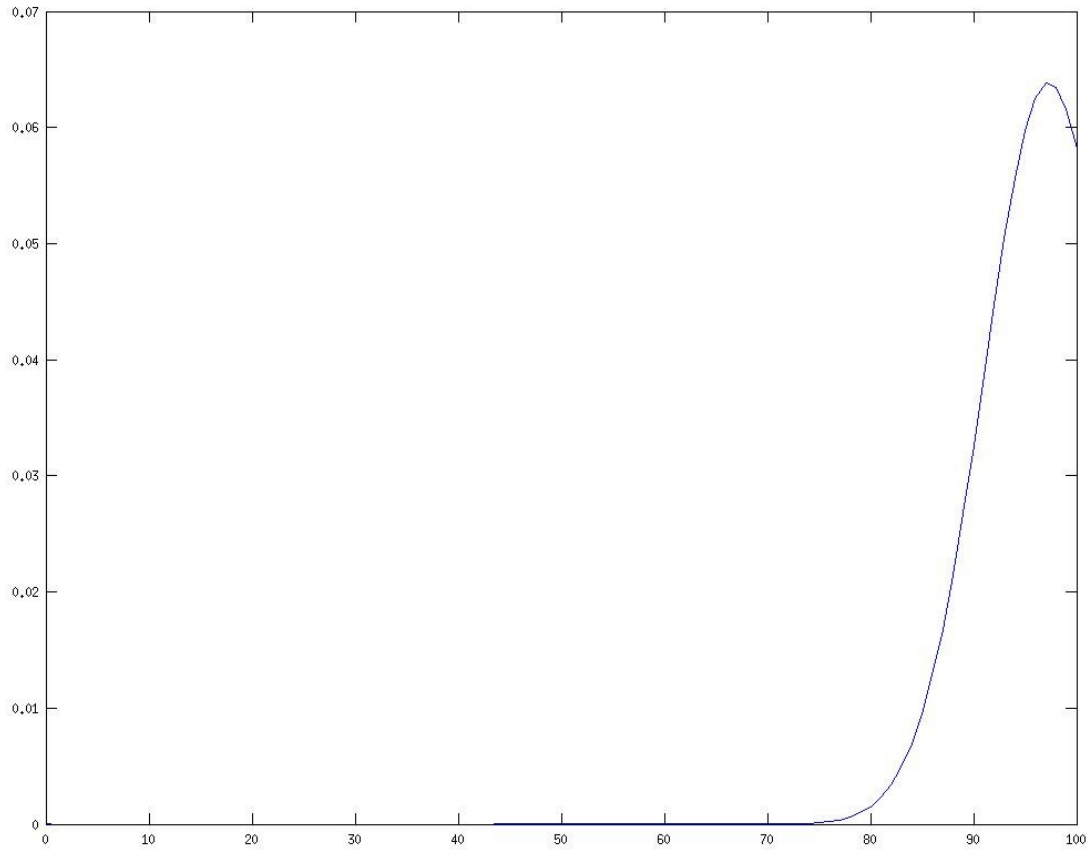


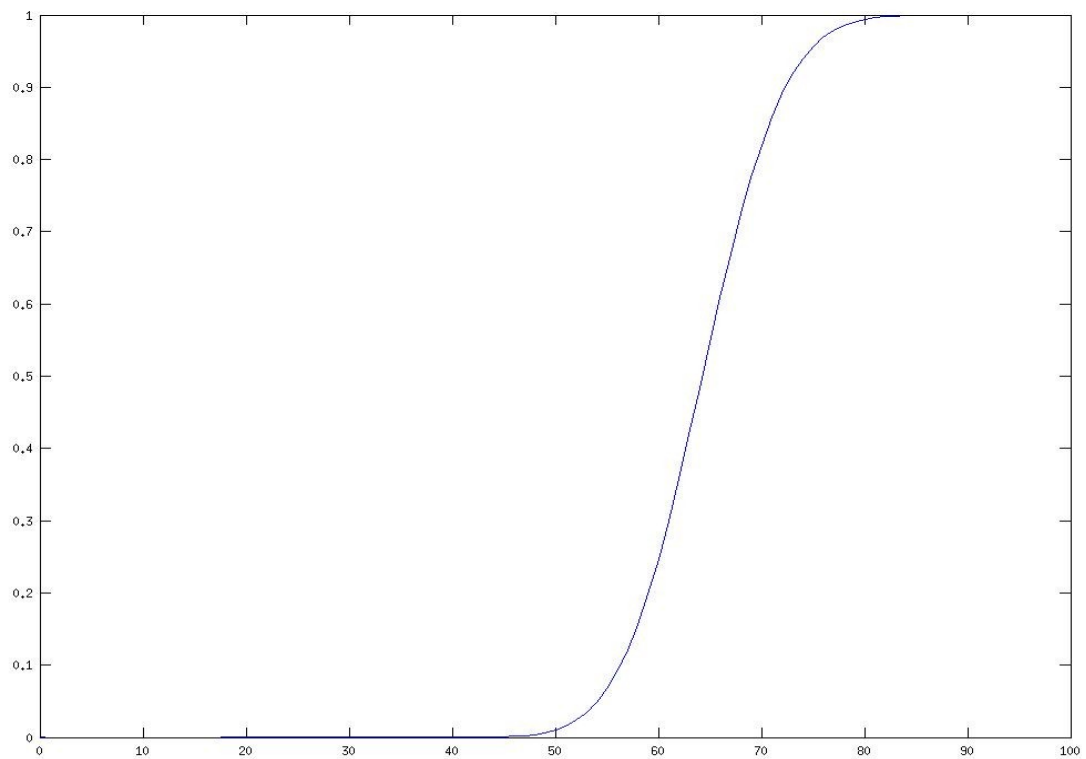
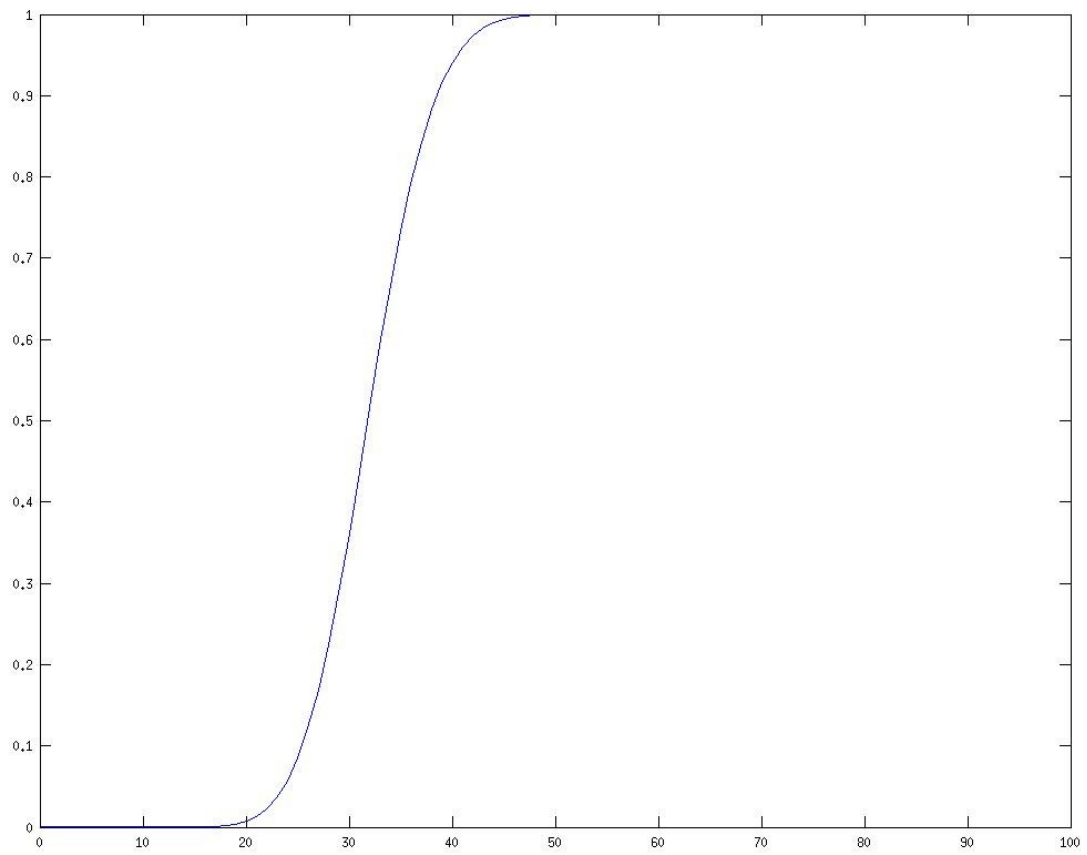
Binomial PMFs for probabilities 0.2, 0.4, and 0.6 respectively: $g \circ p$

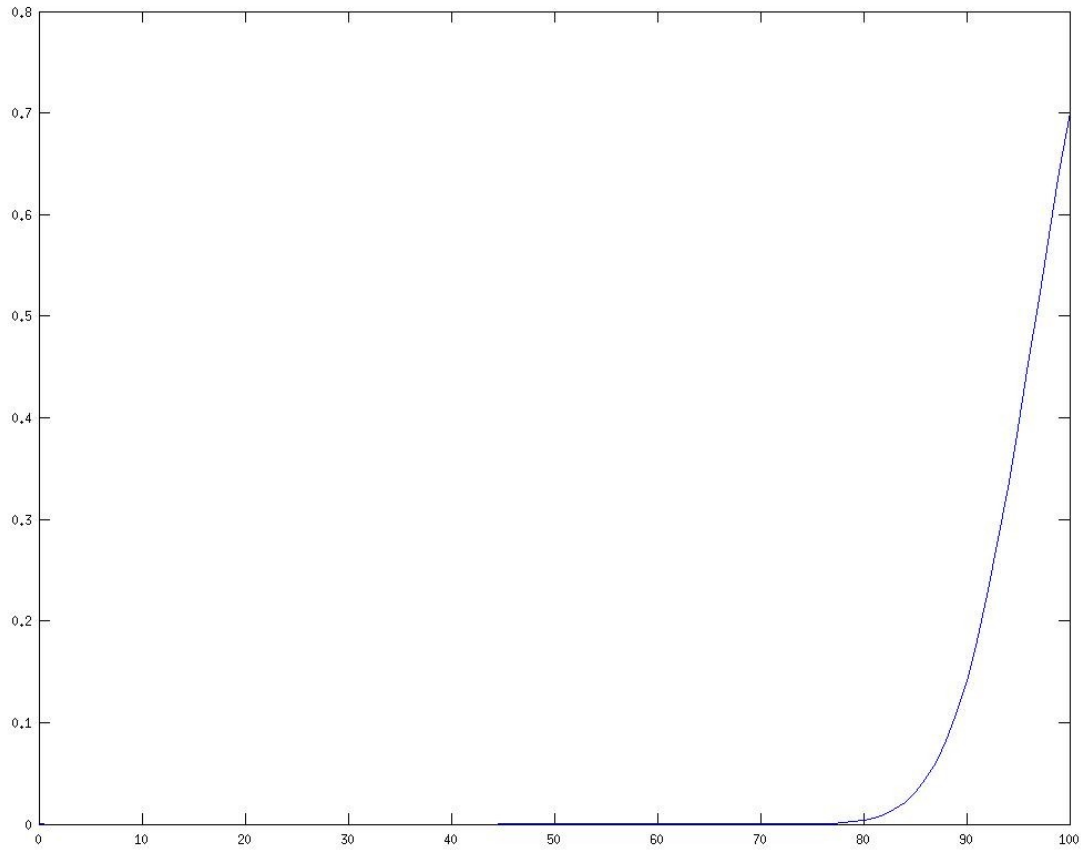




IN conclusion, with binomial PMF functions, the distribution moves rightward as the probability increases.

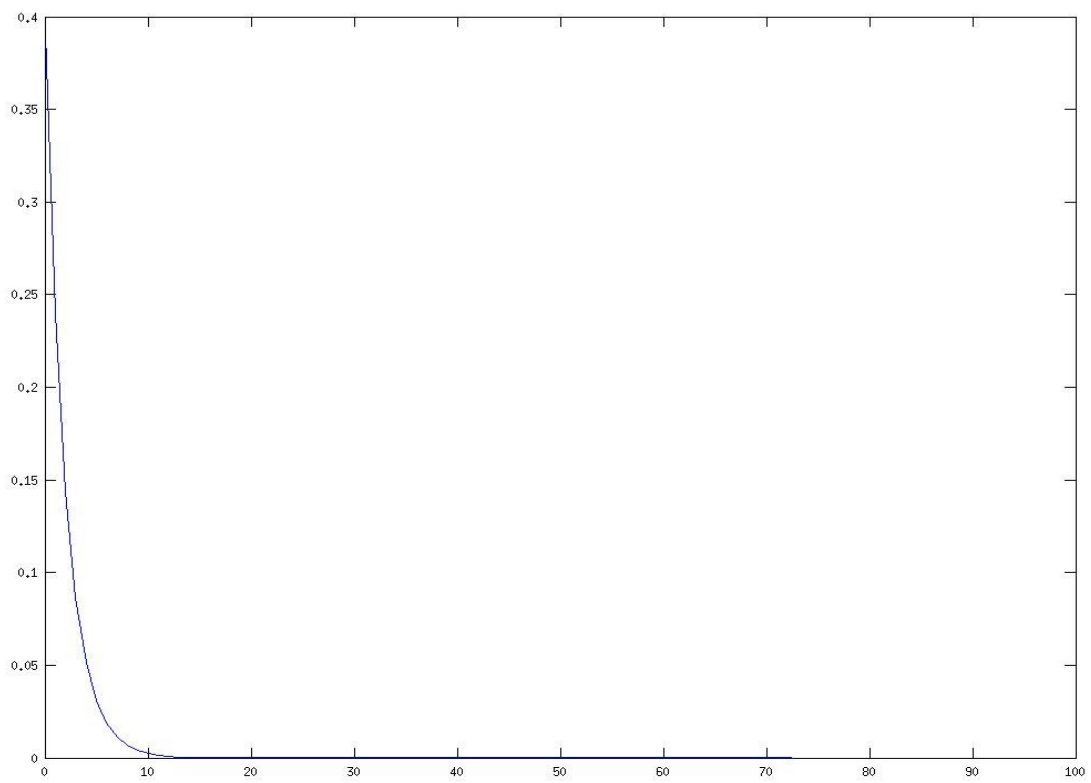
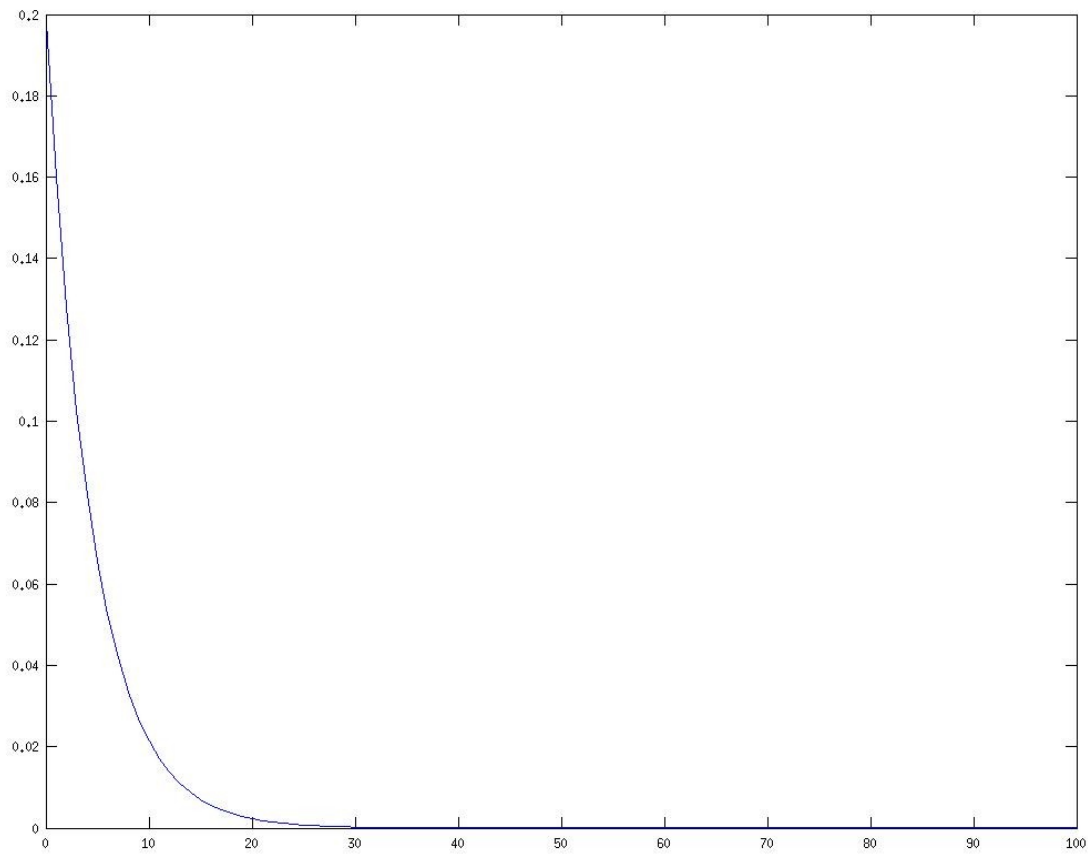
Binomial CDFs for probabilities 0.2, 0.4, and 0.6 respectively:

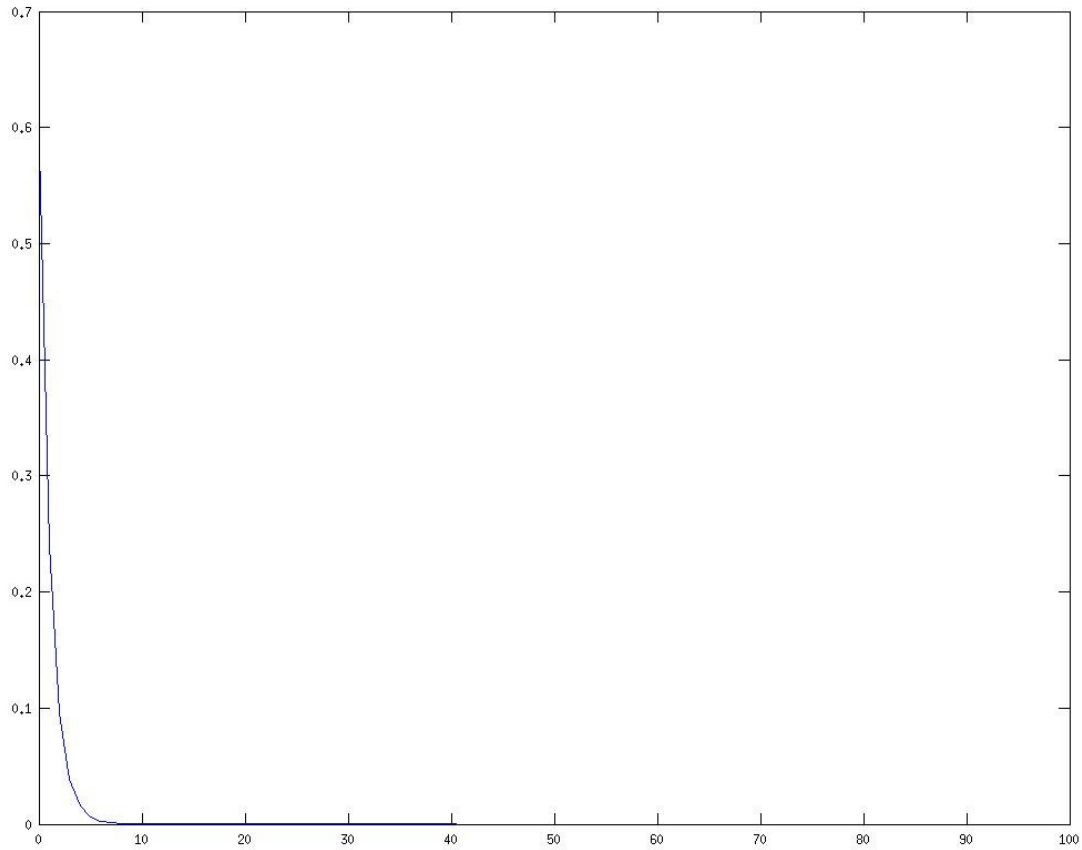




IN conclusion, we can see that just as with the PMFs, the CDFs move rightward as the probability increases as well.

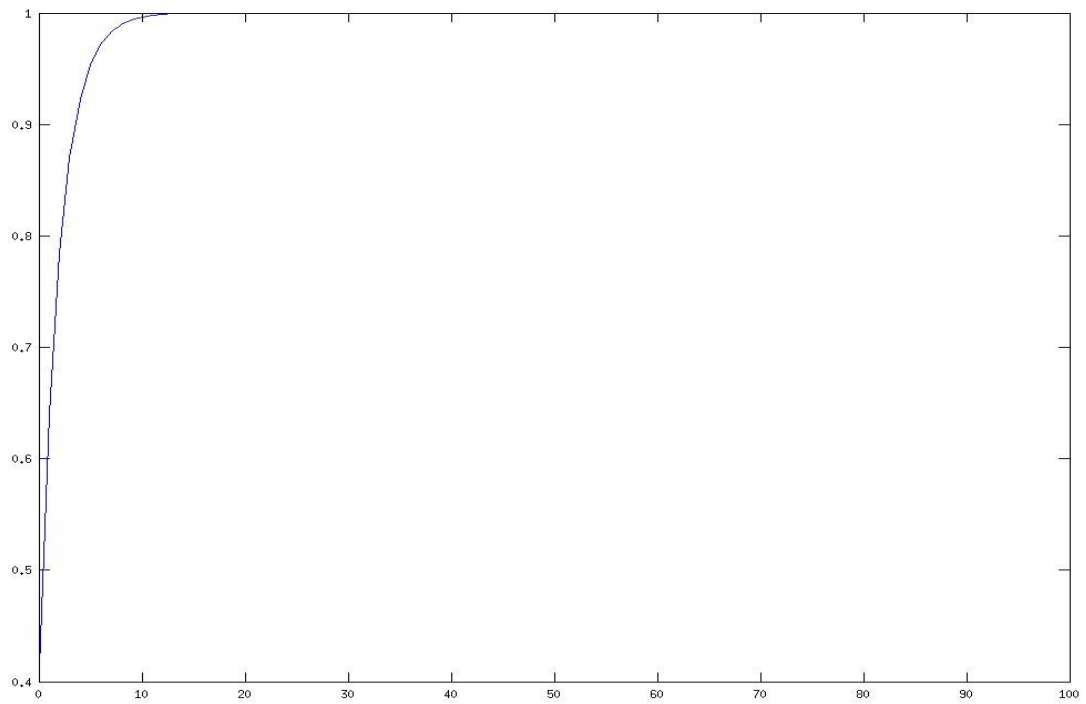
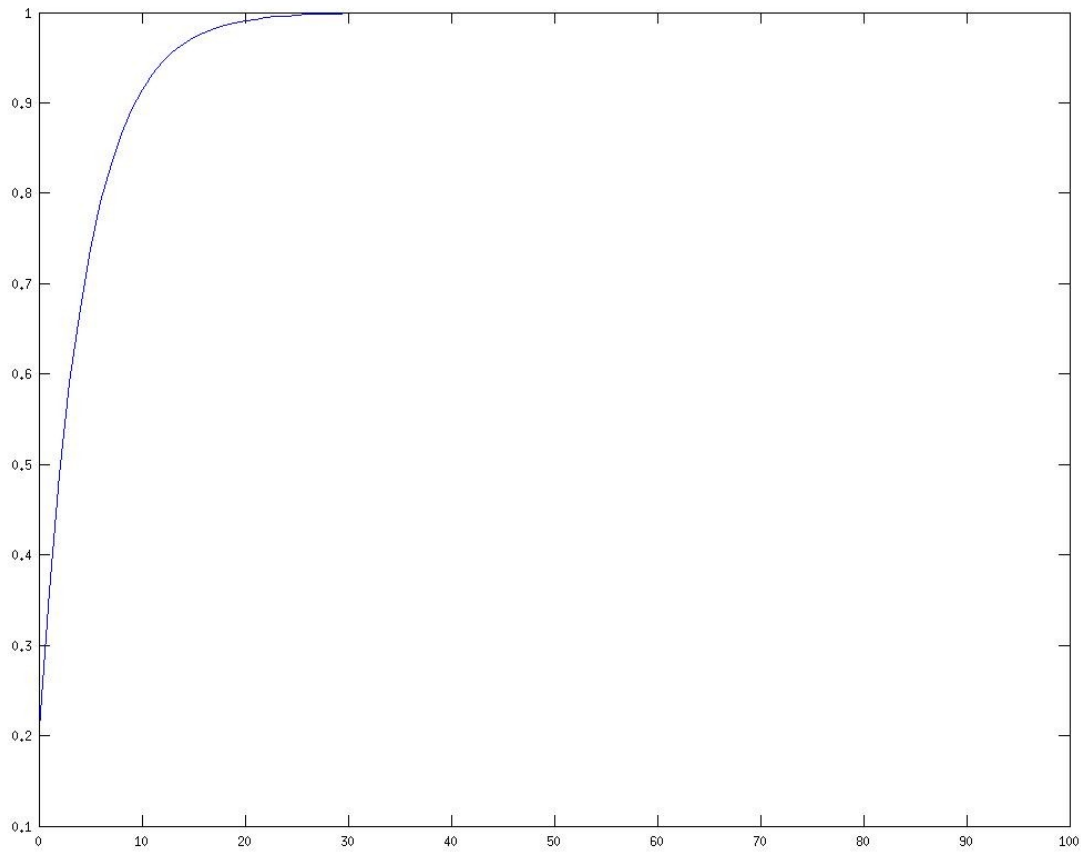
Geometric PMFs for probabilities 0.2, 0.4, 0.6 respectively

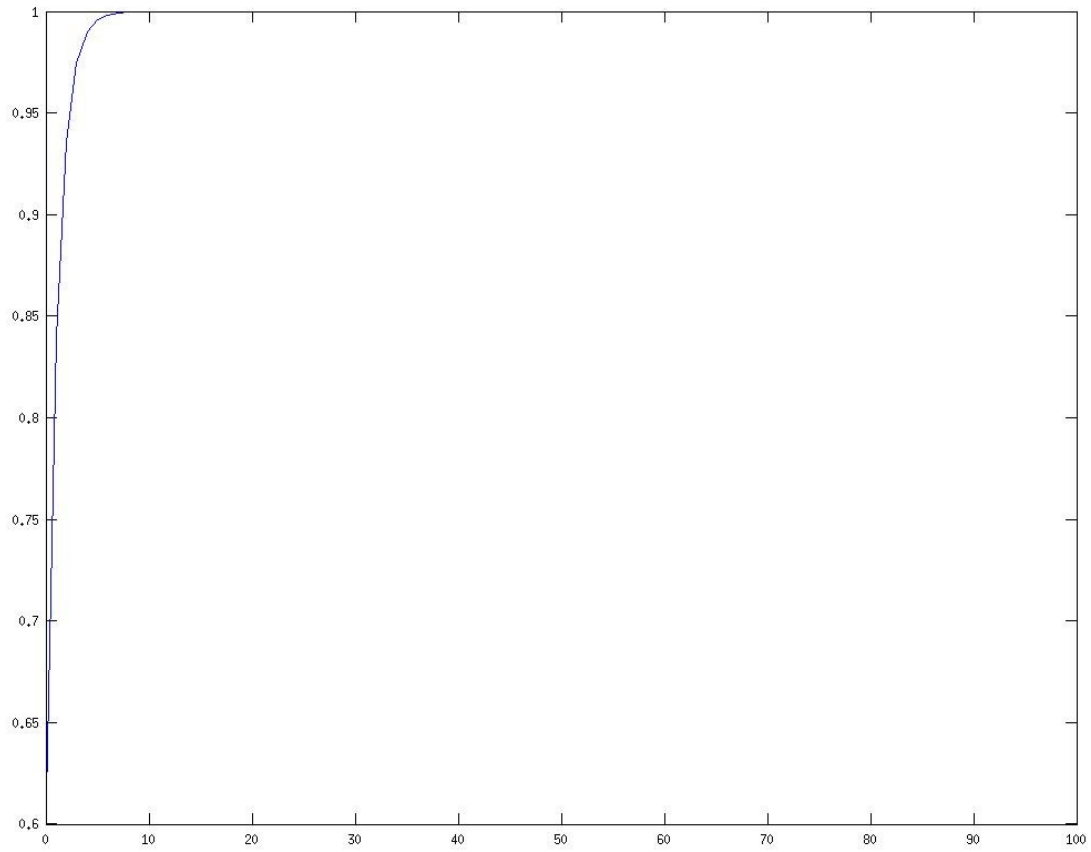




With geometric PMFs, the graph moves leftward as the probability increases. This indicates that the probability mass function decreases as the number of trials increases.

Geometric CDFs for probabilities 0.2, 0.4, 0.6 respectively





In conclusion, just as with its PMF, the CDFs move leftward as probability gets bigger, which indicates their inverse relationship.