

Discrete vanlom varrable Continous · Bernoulli - sucess/fail)
· Binomial - # of succese in a series of Bernoulli trruls fixed# . Negative Bin # of treals need to observe afred # of successes . Geometric \_ # trials needed to observe our 1st suces . Porsson\_ # of success/arrivals/hits in arised thun interval Ls exponentral - the continous of time in between

X = # ppl who armse in csel of on

contrnous . Unitorm xalld, B) Neg . Brnomral n trads (r.v.) k successes last (ky) tra cas a success -> (n-1) pk (1-p) n-k 25screte: PMF, f(x): \(\int \frac{1}{2} \) \

contrnouse: PDF, fck): la fck) de =1 \$ fce) >0