X	\mathbb{S}_X	Represents	Parameters	$\mathbb{E}[X]$	Var(X)	$\mathbb{P}(X=i)$
						$\mathbb{P}(X=0) =$
						1-p
D11;	(0, 1)	1 6			(1)	$\mathbb{P}(X=1) =$
Bernoulli	$\{0,1\}$	1 for succes, 0 for failure	p	p	p(1-p)	p
						$\binom{n}{i}p^{i}(1 - $
Binomial	$\{0,\ldots,n\}$	number of	n, p	np	np(1-p)	$(p)^{n-i}$
		success in n				
		trials				
				1	1 n	$ \left \begin{array}{c} \mathbb{P}(X=i) = \\ p \cdot (1-p)^{i-1} \end{array} \right $
Geoemtric	$\{1,2,\ldots\}$	Number of	p	$\frac{1}{p}$	$\frac{1-p}{p^2}$	$p \cdot (1-p)^{i-1}$
		trials till		•	*	
		succes				