

Biometrie - Clex 6

① Binomial $n=5$, $p=0.85$

$$P(x) = {}_n C_x p^x (1-p)^{n-x}$$

x	0	1	2	3	4	5
P(x)	0.00008	0.002	0.024	0.138	0.392	0.444

② Poisson $\mu = 2.1$, $P(x) = \frac{e^{-\mu} \cdot \mu^x}{x!}$

x	0	1	2	3	4
P(x)	0.122	0.257	0.270	0.189	0.099