

Coin tossing

What is the probability of:

- • tossing two heads in a row?
- • tossing three " " " " ? $p(HHH) = 1/8 = 0.125$
- • tossing two heads in 3 tosses? $p(2Hs) = \frac{3}{8} = 0.375$
- • tossing one tail " " " ? $p(1T) = \frac{3}{8}$
- • tossing at least one tail in 3 tosses?

$$p(\geq 1T) = \frac{7}{8} = \frac{8-1}{8}$$

		Toss 2	
		H	T
Toss 1	H	★	.
	T	.	.

$$\frac{n}{N} = \frac{1}{4} = 0.25$$

$$1 - p(0Ts) = 1 - 1/8$$

$$= \frac{7}{8}$$

complementarity

