

Parameter	value	description
X_0	$\frac{1}{8}$	0 head
X_1	$\frac{3}{8}$	1 head
X_2	$\frac{3}{8}$	2 heads
X_3	$\frac{1}{8}$	3 heads
n	3	total number of trials
p,q	$\frac{1}{2}$	toss result in heads/tails