

Saurasynligheten for a troube 7 voor boller er

$$\left(\frac{7}{54}\right)\left(\frac{6}{53}\right)\left(\frac{5}{32}\right)\left(\frac{4}{31}\right)\left(\frac{3}{34}\right)\left(\frac{2}{29}\right)\left(\frac{1}{28}\right)$$

$$= \frac{7!}{341/27!} = \frac{7! \cdot 27!}{34!} = 1.85 \cdot 10^{7}$$

Alternative

antall mulige hombinasjoner av 7 huler av 34 er 34(7=(34)=5379618

hur Frade ban er en av de

$$\frac{\binom{27}{3}\binom{7}{4}}{\binom{34}{7}} = \frac{0.0190}{}$$

$$\frac{\begin{pmatrix} 27 \\ 1 \end{pmatrix} \begin{pmatrix} 7 \\ 6 \end{pmatrix}}{\begin{pmatrix} 34 \\ 7 \end{pmatrix}} \cdot \begin{pmatrix} 1 \\ \overline{\cancel{17}} \end{pmatrix} = 130 \cdot 10^{-6}$$

 $Q = \begin{pmatrix} 3 \\ 1 \end{pmatrix} \cdot \begin{pmatrix} 247 \\ 4 \end{pmatrix}$

 $P(minst | \Gamma yru A) = M = {300 \choose 5}$

 $S = \begin{pmatrix} 3 \\ 0 \end{pmatrix} \cdot \begin{pmatrix} 297 \\ 5 \end{pmatrix}$

P(minst 1 gwinst) = 1

P(ingen gerirst) =

P(minst 1 gerinst) =

P(minst 1 Tyre A) = 0.0493

- Plinger Type A)

- P(ingen gevinst)

0.0967

(300 299 298 297 294)

$$M = \begin{pmatrix} 306 \\ 5 \end{pmatrix}$$

$$M = \begin{pmatrix} 300 \\ 5 \end{pmatrix}$$

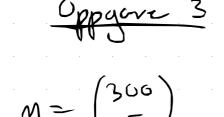
$$M = \begin{pmatrix} 306 \\ 5 \end{pmatrix}$$

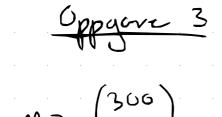
g = 0.0487

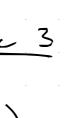
$$M = \begin{pmatrix} 306 \\ 5 \end{pmatrix}$$

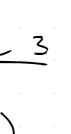
$$M = \begin{pmatrix} 306 \\ 5 \end{pmatrix}$$

$$M = \begin{pmatrix} 300 \\ 5 \end{pmatrix}$$









Oppour 4

$$P(A|B) = \frac{P(A\cap B)}{P(B)} = \frac{C_{11}}{C_{13}} = \frac{1}{3}$$

ikke disjunkte

$$P(K) = \frac{2}{3} \qquad P(\overline{K}) = \frac{2}{3}$$

$$P(K|F) = \frac{P(F|K) \cdot P(K)}{P(F|K)} \cdot P(F|K)$$

Offgare 6
$$P(X \le 2) = \frac{2}{5} f(x) = f(0) + f(1) + f(2)$$
= (15) \(x = 6 \)

P(xcz/xcy)=

P(X = 2 | X > 1) =

= 01+0,25

0,1+0,25+0,4+0,15

0,4 = 0.5

= 0,05 x 0, 1 + 0,25

P(1×52, ×(4)

p(x < 4)

P(x=2, X >, 1)

P(x >1)

0,35 20.368

Samsynlighten for at an hangement with the same state of instrumental shall do not heave the same superior of
$$f_{X}(z) = f_{X}(z)$$

For at instrumental shall do not heave with the same shall do not heave here some substitution of $f_{X}(z)$

For at instrumental shall do not heave here has permuted as $f_{X}(z)$

For at instrumental shall do not heave here at instrumental than the for at instrumental of here deal inner z is $f_{X}(z) = f_{Z}(z)$

bestrive samsynlighten for all inner z is $f_{X}(z) = f_{Z}(z)$
 $f_{X}(z) = f_{X}(z) = f_{Z}(z)$
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 $f_{X}(z) = f_{X}(z) = f_{X}(z)$

Ser at den for larger forestet the level of $f_{X}(z) = f_{X}(z)$

levatid som av foruntet siden den ni har to kompounter.