$$\begin{array}{l}
\Gamma\left(X_{1}=1, S=2\right) = \Gamma\left(X_{1}=4, X_{2}+X_{3}+X_{4}=2-4\right) \stackrel{\text{descender}}{=} \\
= \Gamma\left(X_{1}=1\right) \Gamma\left(X_{2}+X_{3}+X_{4}=2-1\right) = \rho \cdot \begin{pmatrix} 3 \\ 2-1 \end{pmatrix} \rho^{2} \begin{pmatrix} 3-2 \\ 1-\rho \end{pmatrix}^{2} \\
- b \begin{pmatrix} 3 \\ 3 \end{pmatrix} \rho^{2} \begin{pmatrix} 1-\rho \end{pmatrix}^{4-2} \quad \text{for } 2 \geq 1.
\end{array}$$

$$\begin{array}{l}
\Gamma\left(X_{1}=1, S=2\right) = \left(\frac{3}{2}-1\right) \rho^{2} \begin{pmatrix} 1-\rho \end{pmatrix}^{4-2} \\
\Gamma\left(\frac{3}{2}\right) \rho^{2} \begin{pmatrix} 1-\rho \end{pmatrix}^{4-2} \\
\Gamma\left(X_{1}=0, X_{1}+X_{2}+X_{3}+X_{4}=2\right) = \Gamma\left(X_{1}=0, X_{2}+X_{3}+X_{4}=2\right) = \Gamma\left(X_{1}=0, X_{2}+X_{3}+X_{$$

Quadri se
$$K > 2$$
: $P(2=k|5=2) = 0$

Re $K \le 2$: $P(2=k|5=2) = (\frac{2}{k})(\frac{2}{2-k}) \frac{p^2(1-p)^{4-2}}{2} = (\frac{4}{2}) \frac{p^2(1-p)}{2}(\frac{4-p}{2}) \frac{4-2}{2} = (\frac{4}{2}) \frac{p^2(1-p)}{2}(\frac{4-p}{2}) \frac{4-2}{2} = (\frac{2}{k})(\frac{2}{2-k})$

Por $\frac{1}{2}$ Cotymic $\frac{1}{2}$ $\frac{1}{2$

$$= (35 - \frac{148 \times 300}{500})^{2} + (53 - \frac{148 \times 200}{500})^{2} + (36 - \frac{62 \times 300}{500})^{2} + (26 - \frac{62 \times 200}{500})^{2} + (36 - \frac{62 \times 300}{500})^{2} + (43 - \frac{114 \times 200}{500})^{2} + (32 - \frac{72 \times 200}{500})^{2} + (32 - \frac{72 \times 200}{500})^{2} + (32 - \frac{72 \times 200}{500})^{2} + (32 - \frac{60 \times 300}{500})^{2} + (32 - \frac{60 \times 300}{500})^{2} + (28 - \frac{60 \times 200}{500})^{2} + (32 - \frac{60 \times 300}{500})^{2} + (32 - \frac{60 \times 300}{500}$$

