

| Valeurs de $x_i$ | 0                                  | 1   | 2   | 3   | 4   | 5   | 6                                  |
|------------------|------------------------------------|---|---|---|---|---|------------------------------------|
| $P(X=x_i)$       | $C_6^0 \left(\frac{2}{3}\right)^6$ | $C_6^1 \left(\frac{1}{3}\right)^1 \left(\frac{2}{3}\right)^5$ | $C_6^2 \left(\frac{1}{3}\right)^2 \left(\frac{2}{3}\right)^4$ | $C_6^3 \left(\frac{1}{3}\right)^3 \left(\frac{2}{3}\right)^3$ | $C_6^4 \left(\frac{1}{3}\right)^4 \left(\frac{2}{3}\right)^2$ | $C_6^5 \left(\frac{1}{3}\right)^5 \left(\frac{2}{3}\right)^1$ | $C_6^6 \left(\frac{1}{3}\right)^6$ |