Updated through today, it contains some advanced reading materials for those who wish to look at them.

\[ \Theta_1^{\gamma_1}, \Theta_2^{(1-\Theta)^{1-\gamma_2}}, \ldots, \Theta_n^{(1-\Theta)^{1-\gamma_n}} \]

\[ = \Theta^{\gamma_1 + \ldots + \gamma_n} (1-\Theta)^{n-(\gamma_1 + \ldots + \gamma_n)} \]

\[ = \Theta^S (1-\Theta)^{n-S} \]

\[ S = \sum_{i=1}^{n} \gamma_i \]

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model checking
info about \( \Theta \)
suff. stat.

data info

C: general positive constant
\( c + c = c \)
\( c \cdot c = c \)

\( \text{etc.} \)