

$Normal(\mu, \sigma)$

Common distribution

a_1

a_2

\dots

a_n

Parameters

$\begin{bmatrix} 5'7'' \\ 6'1'' \\ 5'5'' \\ \vdots \\ 5'9'' \end{bmatrix}$

$\begin{bmatrix} 5'6'' \\ 5'5'' \\ 6'3'' \\ \vdots \\ 5'8'' \end{bmatrix}$

\dots

$\begin{bmatrix} 6'0'' \\ 5'3'' \\ 6'5'' \\ \vdots \\ 6'1'' \end{bmatrix}$

Observations