

$Normal(\mu, \sigma)$

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