(sex, herol, season,..) ovariance structure of the random terms must be specified U -> breeding values e - random error koms $\begin{bmatrix}
E[u] = E\begin{bmatrix} u_1 \\ u_2 \\ u_n \end{bmatrix} = \begin{bmatrix} E[u_n] \\ E[u_n] \\ E[u] \end{bmatrix} = \begin{bmatrix} 0 \\ 0 \end{bmatrix} = \boxed{2q} \quad \text{weeker of keight all less}$ $\boxed{E[\chi] = E[\chi \beta \cdot Z u + e] = E[\chi \beta] + E[Z u] + E[e] = \chi \beta}$ Remarker, U stands for a vector of length q, e stands for a vector of length n and y is a vector of length n.

Given: Example Data Set on WWG Sucial Mixed Liveor Effect Model for