

varies with the response while accounting for the relationships among predictors, and the vector C captures the relationship between each predictor and y. We divide by N to take the average of the product. This gives us variance and covariance, which are the average of squared differences and the average of the product of the deviations of two variables from their respective means, respectively. it makes sense that dividing by N would give such values.

(yi-bo-bizii-bzziz)

 $\sum_{i=1}^{N} Z_{i2} e_i = \emptyset$

th Goodnotes