

Quiz 11 - Regrade Submission 1

Emorie Beck

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2. The homogeneity assumption in discriminant analysis refers to the separate group correlation matrices for predictors.

Original answer: True

Explanation: This is false because the homogeneity analysis applies to separate group covariance matrices for predictors, which makes more sense because covariance matrices are not standardized.

6. Klecka's τ is an index that shows the proportion of group discrimination for each discriminant function.

Original answer: True

Explanation: This is false because Klecka's τ shows the proportional improvement in classification over random assignment to groups.

10. Structure coefficients in discriminant analysis are interpreted the same way as structure coefficients in principal components analysis: They are the unique relationship of a predictor to the linear combination (either a principle component or a discriminant function).

Original answer: True

Explanation: This is false because the structure coefficients in discriminant analysis are the simple correlations of each variable with each function.