

SCC Ant Morphometric Analysis Script

Statistical Consulting Center, Department of Statistical Science, Duke University

November 12, 2024

1 Import and Summarize the Data

SpecimenCode is unique with one exception. Is this a coding error?

2 Graphical EDA

Plot histograms of the quantitative morphometric measurements:

Plot a simple bi-clustering of the morphometric measurements:

3 Basic MClust Analysis

Agreement between morphological and morphometric designations:

4 PCA