

A scatter plot showing the relationship between Component 2 (x-axis) and Component 3 (y-axis) for the first 10 principal components. The x-axis ranges from -0.9 to 0.3, and the y-axis ranges from -0.4 to 0.8. Data points are colored by component number: Component 1 (blue), Component 2 (orange), Component 3 (green), Component 4 (red), Component 5 (purple), Component 6 (brown), Component 7 (pink), Component 8 (gray), Component 9 (olive), and Component 10 (teal). Component 1 is a single point at approximately (-0.85, 0.12). Component 2 is a single point at approximately (-0.15, -0.01). Component 3 is a cluster of points centered around (0.0, 0.0). Component 4 is a single point at approximately (0.25, 0.0). Component 5 is a single point at approximately (0.0, -0.4). Component 6 is a single point at approximately (0.0, 0.3). Component 7 is a single point at approximately (0.1, 0.1). Component 8 is a single point at approximately (0.0, 0.0). Component 9 is a single point at approximately (0.0, 0.0). Component 10 is a single point at approximately (0.0, 0.0).

A scatter plot showing the relationship between Component 2 (x-axis) and Component 3 (y-axis) for the variable D 3. The x-axis ranges from -0.3 to 0.5, and the y-axis ranges from -0.4 to 0.4. The data points are represented by red stars. The points are widely scattered across the plot area, with a notable concentration between Component 2 values of -0.2 and 0.1, and Component 3 values between -0.1 and 0.1. There are also several points at the extremes, such as one near (-0.25, 0.08) and another near (0.5, 0.0).