

A PCA plot showing the distribution of data points (black dots) and feature loadings (blue arrows) for six features: engine, horse, cylinder, weight, accel, and year. The x-axis is labeled 'Dim6 (0.6%)' and the y-axis is labeled 'Dim5 (0.5%)'. The data points are clustered in an ellipse centered around the origin. The feature loadings are represented by blue arrows originating from the center. The 'engine' feature points towards the left (negative Dim6), 'horse' points towards the top (positive Dim5), 'cylinder' points towards the top-right (positive Dim5 and Dim6), 'weight' points towards the bottom-right (positive Dim6 and negative Dim5), 'accel' points towards the top-left (positive Dim5 and negative Dim6), and 'year' points towards the left (negative Dim6). Dashed lines represent the principal components. Some data points are labeled with numbers: 35, 34, 33, and 20.



engine

acce

morse

cylinder

weight

35

34

33

20