

A scatter plot on a light gray grid background. The plot contains numerous data points, represented by small circles in two colors: black and blue. These points are distributed in a roughly parabolic shape, with a higher density of points in the center and tapering off towards the left and right edges. Overlaid on the data points are several smooth, continuous curves. There are approximately 10-12 curves in total, colored in two shades: black and blue. Each curve appears to be a fitted model, possibly a polynomial or a Gaussian-like function, that passes through or near the data points. The curves vary slightly in their peak height and width, suggesting different parameter estimates or model fits. The overall trend is a symmetric, inverted U-shape, peaking in the middle of the horizontal range.

