

This heatmap visualizes the distribution of the number of clusters (x-axis) against the number of iterations (y-axis). The x-axis ranges from 0.01 to 0.2, and the y-axis ranges from 1 to 20. The color scale indicates density, with dark red representing the highest density and dark blue representing the lowest. The highest density is concentrated at low iteration counts (1-5) and low cluster counts (0.01-0.05). The density decreases as the number of iterations increases, particularly for higher cluster counts.

