

A scatter plot showing the distribution of stars in the sky. The stars are represented by black dots of varying sizes, indicating their apparent magnitude. A legend in the bottom right corner specifies that the symbols represent stars with magnitudes less than 6.50. The plot shows a dense concentration of stars in the center, with a gradual decrease in density towards the edges. There are several prominent clusters of stars, particularly in the upper left and lower right quadrants.

< 6.50 mag