

Figure 1 is a scatter plot showing the spatial distribution of 35 labeled objects in the Sun-Earth system. The vertical axis represents the N-S Direction [AU], ranging from -1.00 to 1.00. The horizontal axis represents the Sun-Earth Direction [AU], ranging from 0.0 to 1.0. The Sun is located at the origin (0,0), and Earth is located at (1,0). The plot includes concentric dashed circles centered on the Sun, representing distances of 0.25, 0.50, 0.75, and 1.00 AU. The objects are categorized by color and size: yellow circles (e.g., 1748+033, 1759+13, 1607+26), red circles (e.g., 1535+139, 2014+358, 2147+145), green circles (e.g., 1712+033, 1638-025, 1608-05), and grey circles (e.g., 1819-096, 1644-106, 1623-228). The objects are distributed throughout the Sun-Earth line, with a higher density of objects closer to Earth.