

Figure 1 is a circular plot showing the spatial distribution of 100 comets in the ecliptic plane. The horizontal axis is labeled "E-W Direction [AU]" and ranges from -1.00 to 1.00. The vertical axis is labeled "N-S Direction [AU]" and ranges from -1.00 to 1.00. The plot is divided into four quadrants by a horizontal line (N-S) and a vertical line (E-W). Concentric dashed circles represent distances of 0.5 AU, 1.0 AU, and 1.5 AU from the center. Comets are represented by colored circles and labeled with their IDs. The legend indicates four groups: $g > 2$ (red), $1.5 < g < 2$ (yellow), $1.2 < g < 1.5$ (green), and $g < 1.2$ (white).