

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 the axes. Concentric dashed circles represent distances from the Sun: 0.5 AU (innermost), 1.0 AU (middle), and 1.5 AU (outermost). Comets are represented by colored circles and labeled with their names. The legend indicates four categories based on the parameter g :

- $g > 2$ (Red circles)
- $1.5 < g < 2$ (Yellow circles)
- $1.2 < g < 1.5$ (Green circles)
- $g < 1.2$ (White circles)

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