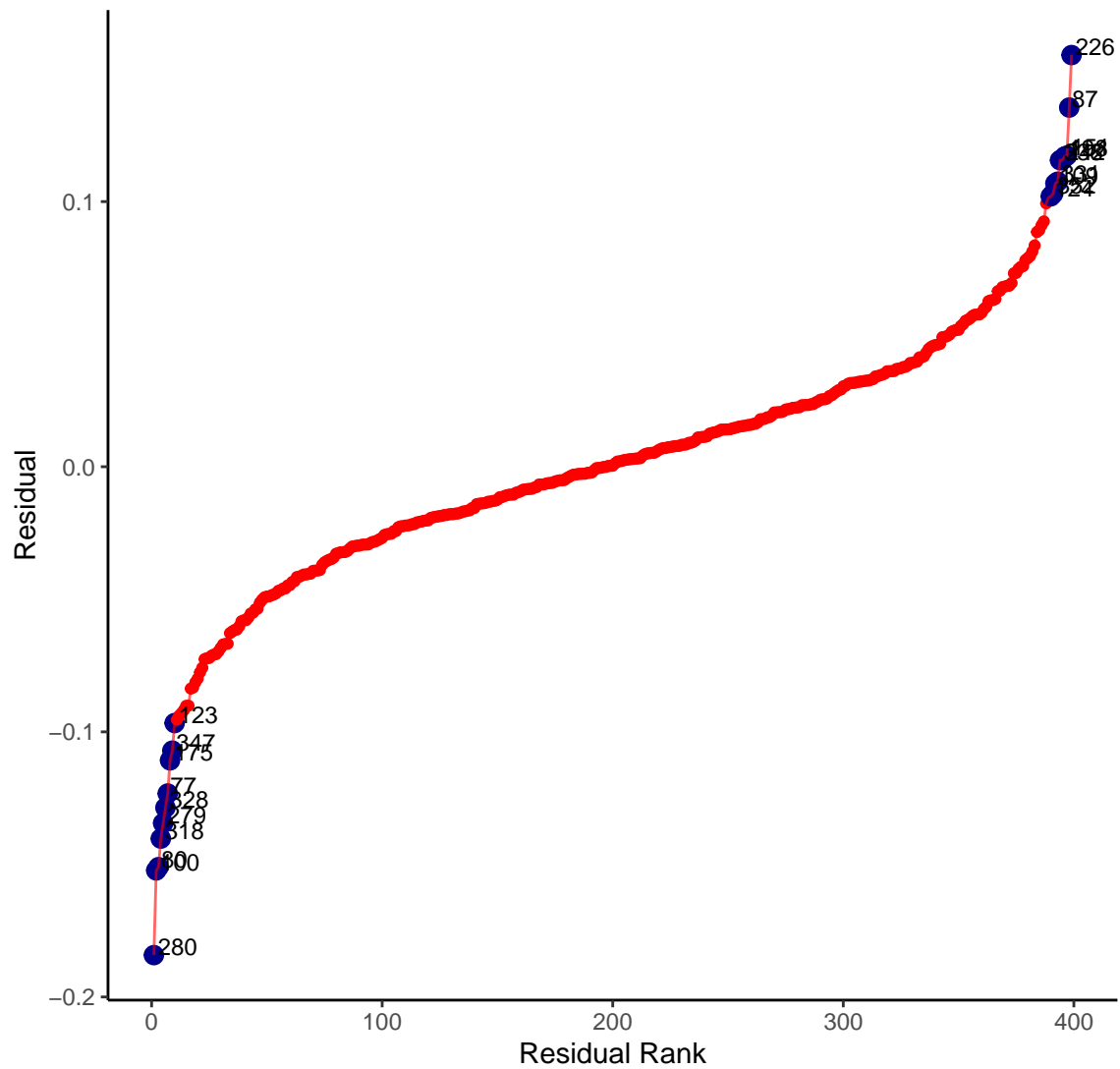


Red lines: synonymous mean (solid) and \pm SD (dashed); Blue points: extreme residuals



The residual rank plot displays the residuals of 400 data points. The x-axis, 'Residual Rank', ranges from 0 to 400. The y-axis, 'Residual', ranges from -0.2 to 0.1. A red line indicates the expected normal distribution. Most points follow this line, but several outliers are present, labeled with their respective indices: 280, 800, 518, 278, 328, 77, 75, 347, 123, 226, 87, 158, 152, 339, 324, and 158. These points are clustered at the extremes of the residual rank, indicating significant deviations from the expected normal distribution.