**Open the TI-Nspire document *Investigating\_Correlation StaRT***

**Correlation** is a numerical measure of the association between two quantitative variables.

The graph on the page 1.3 shows the correlation for nine points.

1. What conjectures can you make about the position of the nine points and the correlation? Drag the points to many different places as you investigate.

The graph on page 2.2 shows the correlation for nine points. This time, choose **only** a single point to move.

1. What conjectures can you make about the influence of a single point on the correlation?
2. What do these conjectures suggest about the reliability of correlation as a measure of association?