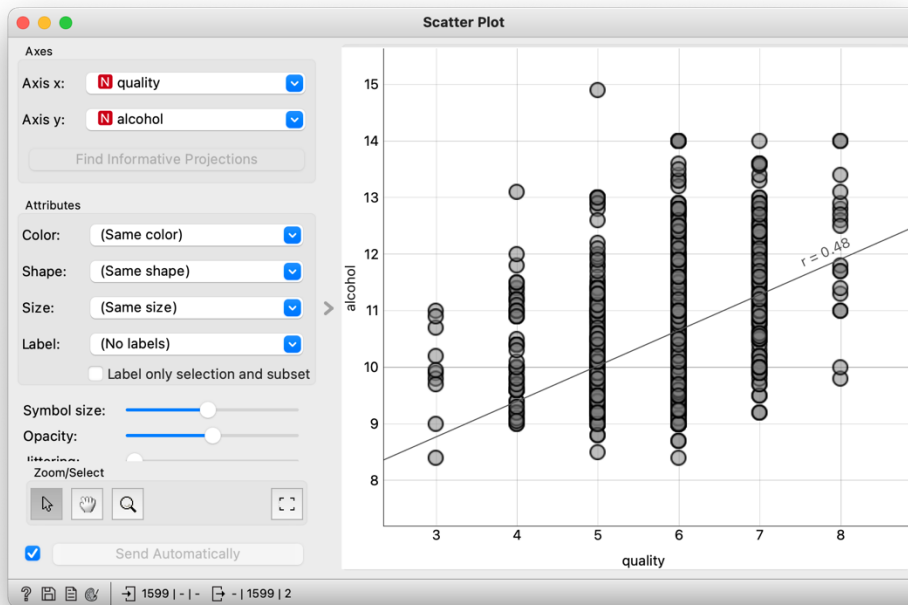
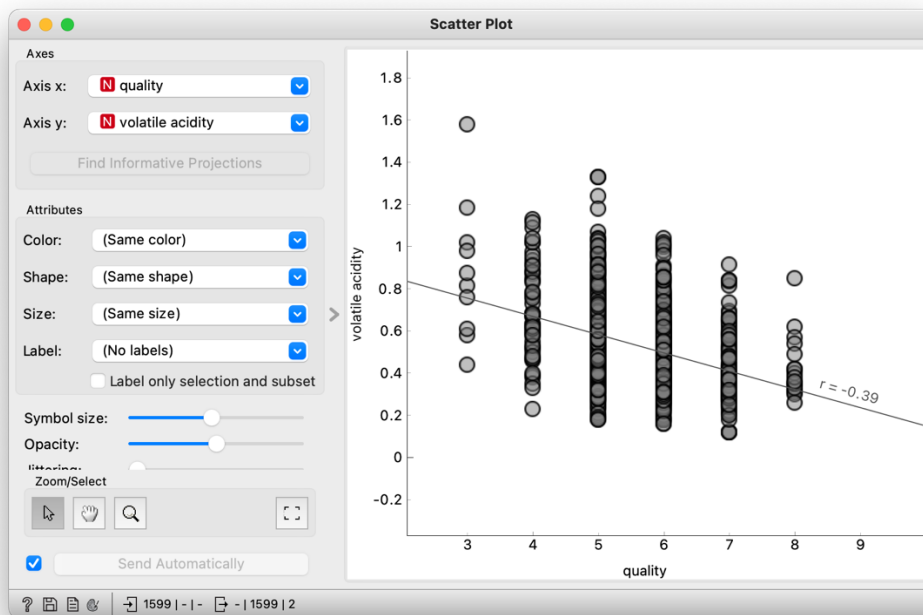


| Group Member | X | Y | Correlation | correlation coefficient (r) | Explain |
|--------------|---------|----------------------|----------------------|-----------------------------|--|
| Mehmet | quality | fixed acidity | positive correlation | 0.120 | As fixed acidity increases, quality increases |
| Mehmet | quality | volatile acidity | negative correlation | -0.390 | As volatile acidity increases, quality decreases |
| Mehmet | quality | citric acid | positive correlation | 0.230 | As citric acid increases, quality increases |
| Fabio | quality | residual sugar | positive correlation | 0.014 | As residual sugar increases, quality increases |
| Fabio | quality | chlorides | negative correlation | -0.129 | As chlorides increases, quality decreases |
| Fabio | quality | free sulfur dioxide | negative correlation | -0.051 | As free sulfur dioxide increases, quality decreases |
| Fabio | quality | total sulfur dioxide | negative correlation | -0.185 | As total sulfur dioxide increases, quality decreases |
| Tyler | quality | density | negative correlation | -0.175 | As wine density increases, quality decreases |
| Tyler | quality | pH | negative correlation | -0.058 | As pH level increases, quality decreases |
| Tyler | quality | sulphates | positive correlation | 0.251 | As sulphate level increases, quality increases |
| Tyler | quality | alcohol | positive correlation | 0.476 | As alcohol level increases, quality increases |



Pearson correlation

(All combinations)

Filter ...

| | | | |
|----|--------|---------------------|----------------------|
| 1 | -0.683 | fixed acidity | pH |
| 2 | +0.672 | citric acid | fixed acidity |
| 3 | +0.668 | density | fixed acidity |
| 4 | +0.668 | free sulfur dioxide | total sulfur dioxide |
| 5 | -0.552 | citric acid | volatile acidity |
| 6 | -0.542 | citric acid | pH |
| 7 | -0.496 | alcohol | density |
| 8 | +0.476 | alcohol | quality |
| 9 | -0.391 | quality | volatile acidity |
| 10 | +0.371 | chlorides | sulphates |
| 11 | +0.365 | citric acid | density |
| 12 | +0.355 | density | residual sugar |
| 13 | -0.342 | density | pH |
| 14 | +0.313 | citric acid | sulphates |
| 15 | -0.265 | chlorides | pH |
| 16 | -0.261 | sulphates | volatile acidity |
| 17 | -0.256 | fixed acidity | volatile acidity |
| 18 | +0.251 | quality | sulphates |
| 19 | +0.235 | pH | volatile acidity |
| 20 | +0.226 | citric acid | quality |

Finished