| Spea | rman | Forr | elatio | uko | effizi | iant |
|------|------|------|--------|-----|--------|------|
| | | | _ | | | |

| (\$ = | Z1 (1xi - 1x) * (1yi - 1y) | | | | |
|-------|----------------------------------|--|--|--|--|
| ~7 | \Z1 (1x; - 1x)2 * \Z1 (1y; - 1y) | | | | |

| co2 | Rang | Уеаг | Rang |
|----------|------|------|------|
| 732.733 | 2 | 2014 | 1 |
| 795.940 | 5 | 2015 | 2 |
| 801.655 | 5 | 2016 | ١ |
| 797. 966 | 4 | 2017 | Ч |
| 759.002 | Λ | 2018 | 15 |
| | | | |

$$\frac{\sqrt{y}}{\sqrt{y}} = 3$$

$$= (2-3).(1-3) + (3-3).(2-3) + (5-3)(8-3) + (4-3).(4-3) + (1-3)(5-3)$$

$$\begin{array}{c|c}
-1 \\
\hline
\sum_{\bar{l}=1}^{n} \left(r_{\omega_{2}} - \overline{r_{\omega_{2}}} \right)^{2}
\end{array}$$

$$= \int (-1)^2 + 0 + 2^2 + 1^2 + (-2)^2$$

$$\int_{xy}^{S} = \frac{-1}{\sqrt{10} \cdot \sqrt{10}} = \frac{-1}{10} = -0.$$

[] ((y - Fy)

 $= \sqrt{(-2)^2 + (-1)^2 + 0^2 + 0^2 + 2^2}$