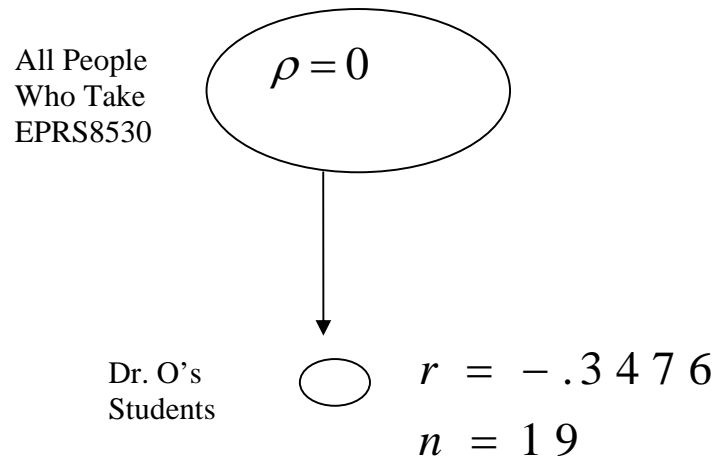


Hypothesis Testing for r Dr. O's Problem



Step 1

$$H_0 : \rho = 0$$

$$H_1 : \rho \neq 0$$

$$\alpha = .05$$

Step 2

$$r = -.3476$$

$$n = 19$$

Step 3

The p value Approach

$$p = .145$$

$$p > \alpha$$

Fail to reject H_0

Step 4

Fail to reject H_0

There was no significant relationship between the level of anxiety and the quiz performance ($r = -.3476, p = .145$).