

## **Professions**

1. Can we conclude that the mean salary of men working as legislators and managers is significantly higher than that of women in the same occupation?
2. Can we conclude that the mean salary of men working as professionals is significantly higher than that of women in the same occupation?
3. Can we conclude that the mean salary of men working as technicians is significantly higher than that of women in the same occupation?
4. Can we conclude that the mean salary of men working as clerks is significantly higher than that of women in the same occupation?
5. Can we conclude that the mean salary of men working in service and sales is significantly higher than that of women in the same occupation?
6. Can we conclude that the mean salary of men working as agricultural workers is significantly higher than that of women in the same occupation?
7. Can we conclude that the mean salary of men working as craft workers is significantly higher than that of women in the same occupation?
8. Can we conclude that the mean salary of men working as operators and assemblers is significantly higher than that of women in the same occupation?
9. Can we conclude that the mean salary of men working in elementary occupations is significantly higher than that of women in the same occupation?

## **Settlement + Professions**

### **Rural Areas:**

1. Can we conclude that the mean salary of men who live in rural areas and work as legislators and managers is significantly higher than that of women in the same occupation living in rural areas?
2. Can we conclude that the mean salary of men who live in rural areas and work as professionals is significantly higher than that of women in the same occupation living in rural areas?
3. Can we conclude that the mean salary of men who live in rural areas and work as technicians is significantly higher than that of women in the same occupation living in rural areas?
4. Can we conclude that the mean salary of men who live in rural areas and work as clerks is significantly higher than that of women in the same occupation living in rural areas?
5. Can we conclude that the mean salary of men who live in rural areas and work in service and sales is significantly higher than that of women in the same occupation living in rural areas?
6. Can we conclude that the mean salary of men who live in rural areas and work as agricultural workers is significantly higher than that of women in the same occupation living in rural areas?
7. Can we conclude that the mean salary of men who live in rural areas and work as craft workers is significantly higher than that of women in the same occupation living in rural areas?
8. Can we conclude that the mean salary of men who live in rural areas and work as operators and assemblers is significantly higher than that of women in the same occupation living in rural areas?

9. Can we conclude that the mean salary of men who live in rural areas and work in elementary occupations is significantly higher than that of women in the same occupation living in rural areas?

#### Urban Areas:

1. Can we conclude that the mean salary of men who live in urban areas and work as legislators and managers is significantly higher than that of women in the same occupation living in urban areas?
2. Can we conclude that the mean salary of men who live in urban areas and work as professionals is significantly higher than that of women in the same occupation living in urban areas?
3. Can we conclude that the mean salary of men who live in urban areas and work as technicians is significantly higher than that of women in the same occupation living in urban areas?
4. Can we conclude that the mean salary of men who live in urban areas and work as clerks is significantly higher than that of women in the same occupation living in urban areas?
5. Can we conclude that the mean salary of men who live in urban areas and work in service and sales is significantly higher than that of women in the same occupation living in urban areas?
6. Can we conclude that the mean salary of men who live in urban areas and work as agricultural workers is significantly higher than that of women in the same occupation living in urban areas?
7. Can we conclude that the mean salary of men who live in urban areas and work as craft workers is significantly higher than that of women in the same occupation living in urban areas?
8. Can we conclude that the mean salary of men who live in urban areas and work as operators and assemblers is significantly higher than that of women in the same occupation living in urban areas?
9. Can we conclude that the mean salary of men who live in urban areas and work in elementary occupations is significantly higher than that of women in the same occupation living in urban areas?

### **Education + Profession**

#### Professionals:

1. Can we conclude that men with undergraduate education working as professionals earn significantly more than women with the same educational level and occupation?
2. Can we conclude that men with graduate education working as professionals earn significantly more than women with the same educational level and occupation?

#### Technicians:

3. Can we conclude that men with no higher education working as technicians earn significantly more than women with the same educational level and occupation?
4. Can we conclude that men with undergraduate education working as technicians earn significantly more than women with the same educational level and occupation?
5. Can we conclude that men with graduate education working as technicians earn significantly more than women with the same educational level and occupation?

Clerks:

6. Can we conclude that men with no higher education working as clerks earn significantly more than women with the same educational level and occupation?
7. Can we conclude that men with undergraduate education working as clerks earn significantly more than women with the same educational level and occupation?

Service & sales workers:

8. Can we conclude that men with no higher education working in service and sales earn significantly more than women with the same educational level and occupation?
9. Can we conclude that men with undergraduate education working in service and sales earn significantly more than women with the same educational level and occupation?
10. Can we conclude that men with graduate education working in service and sales earn significantly more than women with the same educational level and occupation?

Agricultural workers:

11. Can we conclude that men with no higher education working in agriculture earn significantly more than women with the same educational level and occupation?
12. Can we conclude that men with undergraduate education working in agriculture earn significantly more than women with the same educational level and occupation?
13. Can we conclude that men with graduate education working in agriculture earn significantly more than women with the same educational level and occupation?

Elementary occupations:

14. Can we conclude that men with no higher education working in elementary occupations earn significantly more than women with the same educational level and occupation?

**$\chi^2$  Tests of Independence for Gender and Salary (Column E15 - Categorical Data)**

1. Are gender and salary associated among legislators and managers?
2. Are gender and salary associated among professionals?
3. Are gender and salary associated among technicians?
4. Are gender and salary associated among clerks?
5. Are gender and salary associated among service and sales workers?
6. Are gender and salary associated among agricultural workers?
7. Are gender and salary associated among craft workers?
8. Are gender and salary associated among operators?
9. Are gender and salary associated in elementary occupations?