

BUS 735: Business Decision Making and Research

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Pop Quiz!

The quiz uses the dataset `JobSatisfaction.sav` from your textbook. The data consists of 218 Arab and Jewish social services workers in Israel. Participants were asked background information (gender, age, marital status, education, experience, etc) and were given a set of questions to measure their overall satisfaction with their job, as well as their satisfaction specifically regarding their colleagues, supervisors, salary, and promotion. Please read the more detailed description of the data is given in your text on page 354.

For every hypothesis test, follow these directions:

- Indicate the test you are using, and give a sentence as to why you chose this test.
- Write the null and alternative hypotheses.
- Report the value for the appropriate test statistic (could be a t-statistic or F-statistic).
- Report the p-value of the test. Decide to reject/fail to reject.
- Report your conclusion in plain English.

1. Is there a relationship between years experience on the job and workload? If so, describe the relationship.

2. Is there a relationship between education and workload? If so, describe the relationship.

