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Lecture 5f: Practice Problems

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Practice Problems

1. A health policy researcher is doing an ad-hoc study of gender differences in attitudes about medical confidentiality. He spends some time at a shopping mall and polls and asks individuals to rate their degree of agreement for a statement related to confidentiality using the following five-point scale:
 - Strongly disagree (1)
 - Disagree (2)
 - Neutral (3)
 - Agree (4)
 - Strongly agree (5)

Practice Problems

- Responses are coded from 1 to 5
- At the end of his tenure at the mall, this researcher has a total of 11 respondents: 6 male, 5 female
- The distribution of responses is as follows:

— M	1	3	4	2	3	5
— F	3	4	4	3	5	

Practice Problems

- Despite the small sample size, the researchers is interested in testing for a difference in degree of agreement for males compared to females
 - a) How could he do this using the ranks of the data values?
 - b) Compute the average rank for each gender group