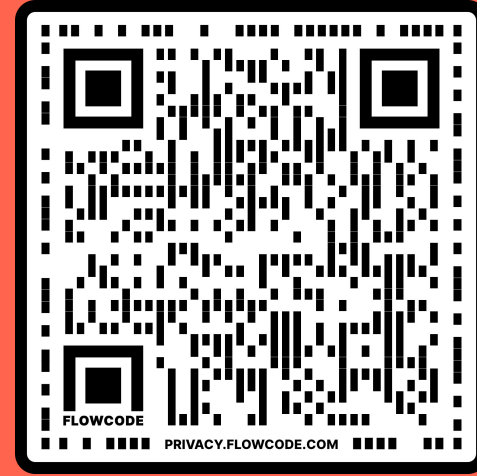




References



Conceptions on Contraceptives

Madeleine Olson, Angie Mejia PhD, Rachel Olson MSc, PhD
Center for Learning Innovation, University of Minnesota Rochester



ROCHESTER

Background

- Mental health and overall well being of college students is a continual source of concern within higher education.¹
- Hormonal contraceptives modulate psychological and physiological states.²
- Approximately 65% of undergraduate female students use hormonal contraceptives.³

Answerable Question

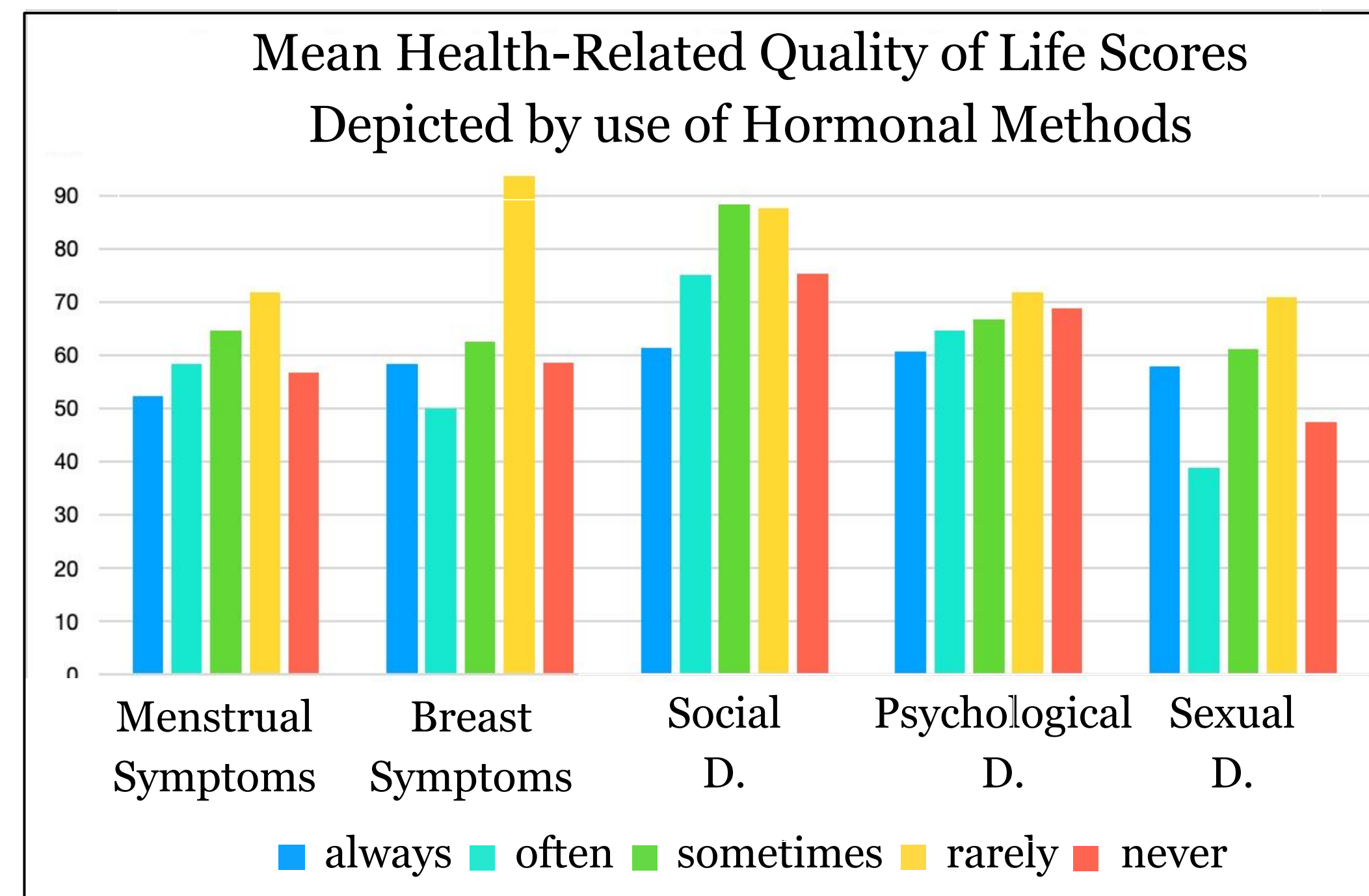
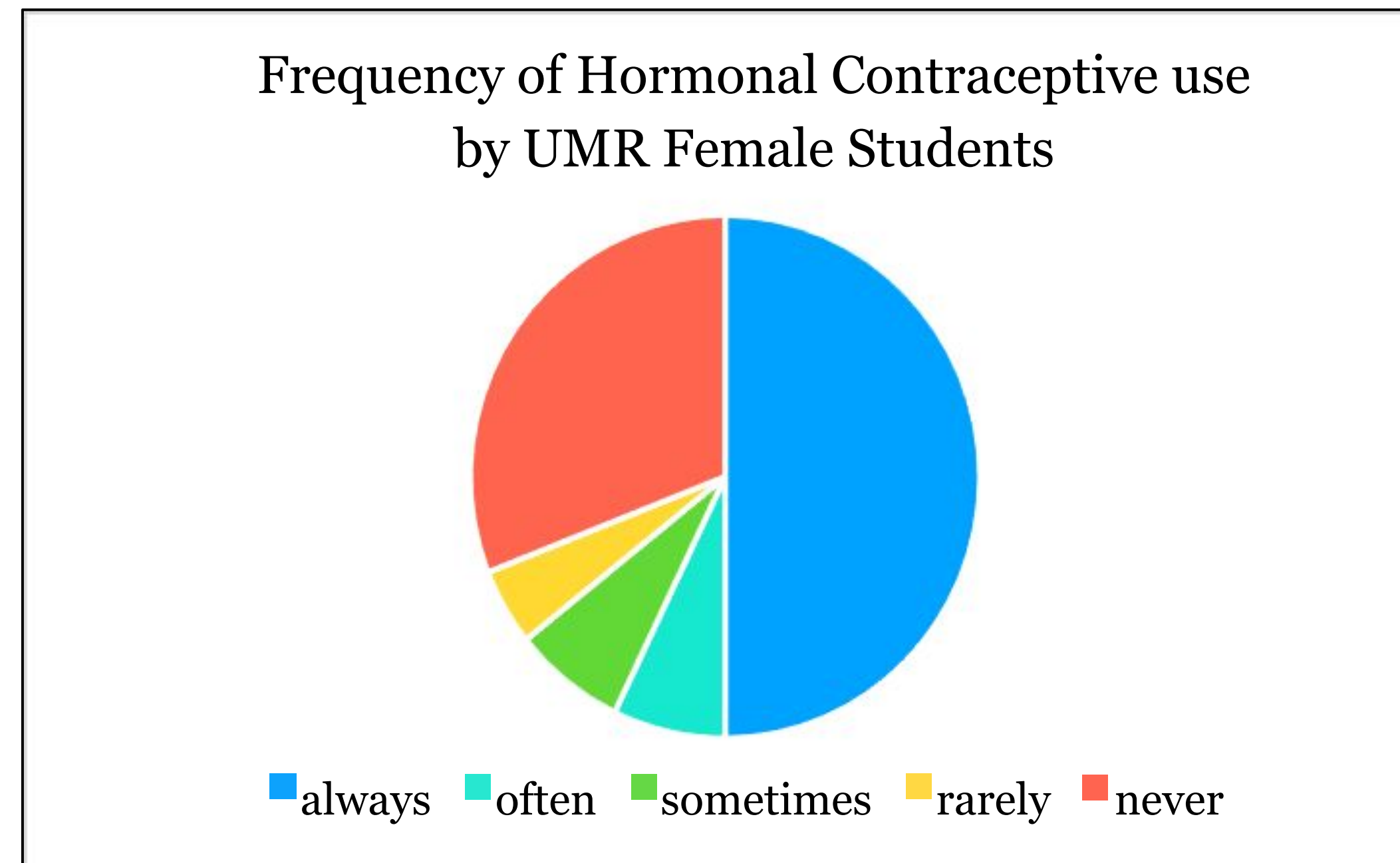
Does hormonal contraception impact the overall quality of life of female undergraduate students?

Hypothesis: I anticipate that women using hormonal contraception are to have a reduced quality of life metric.

Conclusion

The trend in the data supports the hypothesis; ex. p-value for the social dimension scale comparing always using hormonal contraception to never was 0.068.

Results



Methods

Survey Instrument

Validated survey instrument: Spanish Society of Contraception Quality of Life Survey⁴

Participants

Volunteer UMR female undergraduate students

Recruitment Strategies

Verbal, oral and email recruitment strategies were employed

Sample Size

n=56

Time Frame

February 25 - March 25, 2022

Metrics

19 likert-scale questions to quantify social (5), menstrual (5), breast (3) psychological (4) & sexual (3) dimensions

Data Analysis

Scores were standardized following Leon-Larios', protocol⁵

Moving Forward...

Through education-based efforts, we can encourage female undergraduates to explore their options of hormonal contraception that best fits their physiological needs.