

# Development and Application of the Commitment to Profession of Medicine Scale Using Classical Test Theory and Item Response Theory

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## INTRODUCTION

Medical students should acquire the motivation and skills necessary to maintain the qualifications they have gained, acquire new skills, and dedicate themselves to professional values throughout their careers. Professional dedication is the perception of the importance of one's profession in their life and the way they perceive their place in life as a result of their work in their profession. In the medical profession, as in other professions, professional dedication can be expressed as voluntarily making efforts related to work issues, behaving selflessly, and focusing on one's work with dedication. The aim of our study is to measure the dedication level of Bezmialem Foundation University Faculty of Medicine in two groups towards the medical profession.

## METHODOLOGY

We conducted a study using a Google Forms survey with 9 questions for Bezmialem Foundation University Faculty of Medicine students, scored from 9 to 45 points. Obtaining the maximum score (45) indicates a higher dedication to the medical profession, while obtaining the minimum score (9) indicates less dedication. In our study, a total of 104 participants took part, with 48 from the first group (1st, 2nd and 3rd grades) and 56 from the second group (4th, 5th, and 6th grades).

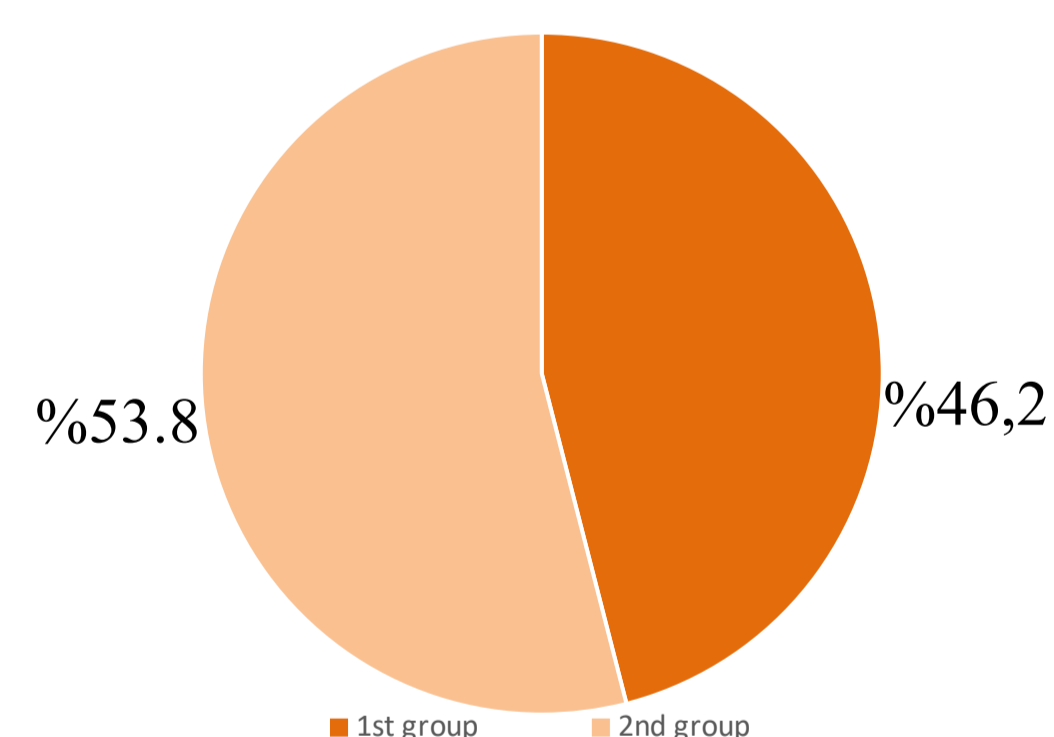


Table 1: The participation rates of groups

Sıra	(1)	(2)	(3)	(4)	(5)
Hiç Katılmıyorum=1, Katılmıyorum=2, Kısmen Katılıyorum=3, Katılıyorum=4, Tamamen Katılıyorum=5					
1 Mesleğimi severek yapacağıma inanıyorum.	(1)	(2)	(3)	(4)	(5)
2 Hekim olacağım düşüncesi bana gurur veriyor.	(1)	(2)	(3)	(4)	(5)
3 Gelecekte mesleğimle ilgili oldukça büyük güçlüklerle karşılaşsam da yine de işimi büyük özveriyle gerçekleştiririm.	(1)	(2)	(3)	(4)	(5)
4 Gelecekte hangi basamakta hekim olarak çalışırsam çalışayım mesleğimi büyük bir özveriyle icra ederim.	(1)	(2)	(3)	(4)	(5)
5 Üniversite giriş sınavına, başa dönebilseydim yine hekim olmayı seçerdim.	(1)	(2)	(3)	(4)	(5)
6 Hekimlik mesleğinin daha kaliteli hale gelmesi için çok çaba harcayacağım.	(1)	(2)	(3)	(4)	(5)
7 Gelecekte hastalarımın yaşam kalitesini en üst seviyeye çıkarmak için var gücümle çabalarım.	(1)	(2)	(3)	(4)	(5)
8 Benim için hekim olmak tüm yaşamımın vazgeçilmez bir parçasıdır.	(1)	(2)	(3)	(4)	(5)
9 Hastalarla zaman geçirmek benim için büyük bir zevktir.	(1)	(2)	(3)	(4)	(5)

## RESULTS

The statistical analysis revealed no significant relationship between age and the total scale ( $p=0.072$ ). However, when examining the total scale scores based on gender, a statistically significant difference was found ( $p=0.003$ ). The total scale score for females with a median value of (34 (31-40)) is significantly higher than the median value for males, which is (30 (27-35)). Furthermore, when looking at the total scale scores based on class, a statistically significant difference was observed ( $p=0.004$ ). The total scale median value for the 1st group (1st, 2nd, and 3rd grades) is (35 (31-41)), which is significantly higher than the median value for the 2nd group (4th, 5th, and 6th grades), which is (31 (29-37)).

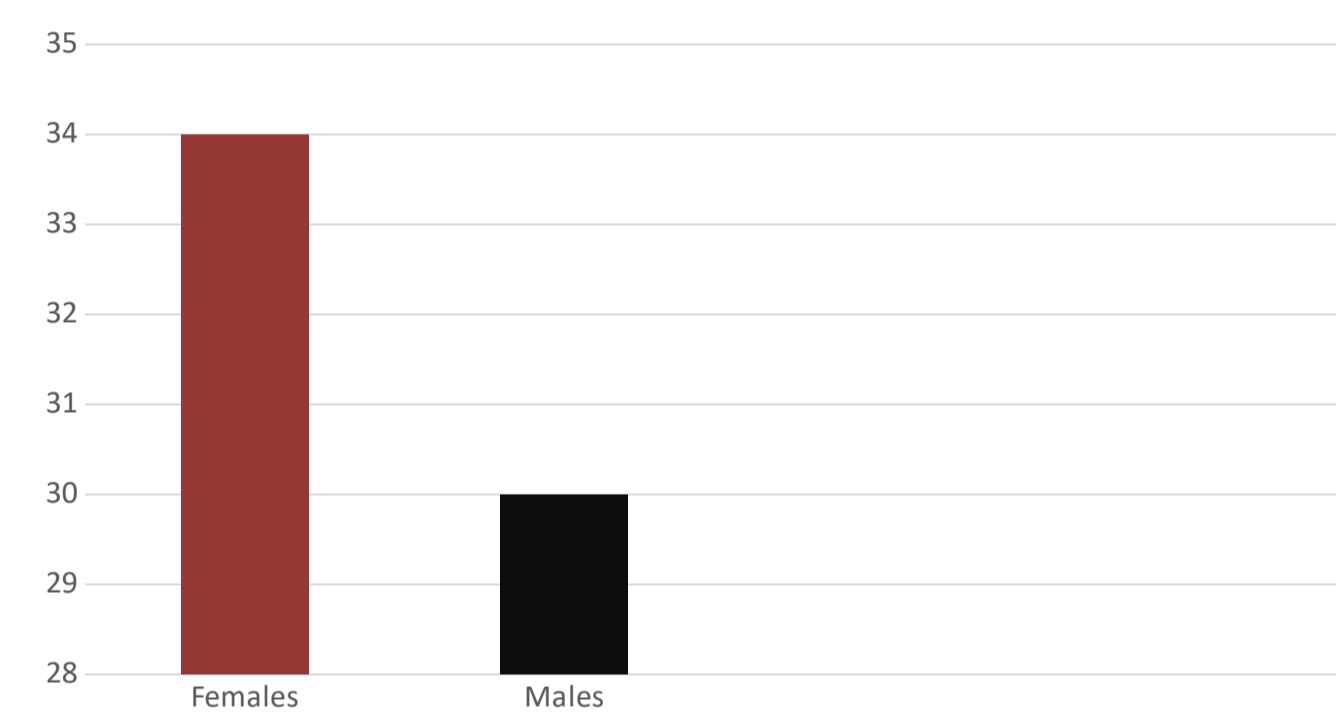


Table 2: Mean points of genders

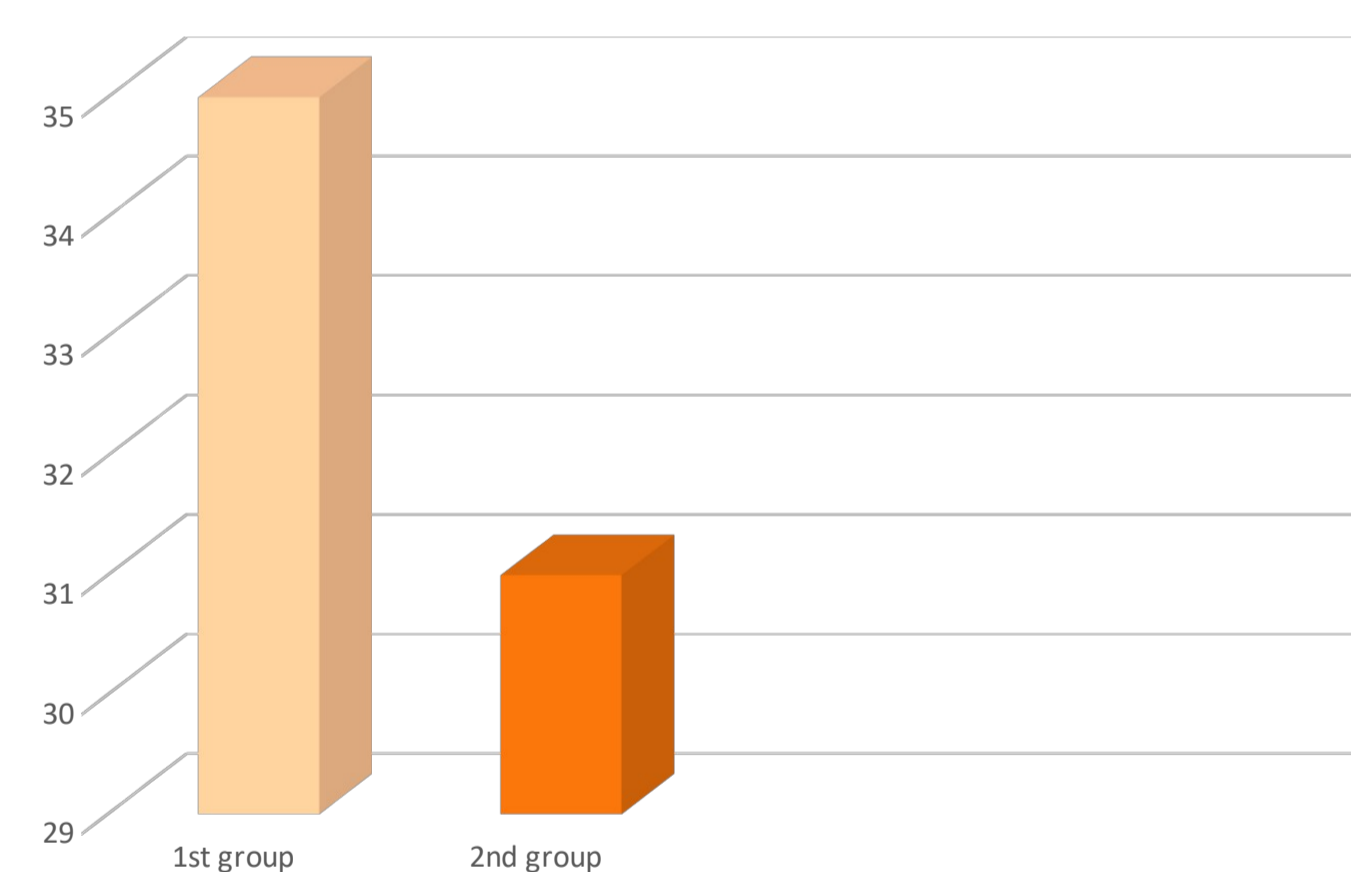


Table 3: Mean points of groups

## CONCLUSION

Therefore, dedication to the medical profession is higher in the 1st group compared to the 2nd group. A total of 104 participants took part in the study, with 48 individuals from the 1st group and 56 individuals from the 2nd group. Additionally, females are more dedicated to the medical profession than males.

## REFERENCES

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