




# Binge drinking among medical students University of Zagreb – shouldn't they know better?

Marjeta Majer, Vera Musil, Slavica Sović, Vesna Jureša

University of Zagreb, School of Medicine, Andrija Štampar School of Public Health,  
Department of Social Medicine and Organization of Health Care



# Introduction

- Binge drinking  increasing problem in Croatian youth:
  - prevalence in 15 y adolescents 54% (ESPAD, 2011)

# Objective

- The aim of this study was to determine prevalence of binge drinking and related consequences in a cohort of medical students University of Zagreb



# Methods and participants (1)

- Longitudinal study included:
  - 243 medical students (69% female) in 2004/05 on the 1<sup>st</sup> year of study
  - 130 medical students (53%) of the same cohort in 2010/2011, on the 6<sup>th</sup> year of study (75% female)
- Data were obtained by anonymous questionnaire “School health survey”

# Methods and participants (2)

## School Health Survey

**Q29. Have you ever drink more than five or more drinks one after another in a couple of hours?**

1. Yes
2. No

**Q30. If answer is “Yes” how many time it has happened in last 12 months?**

1. Once
2. 2-3 times
3. 4-6 times
4. More than 6 times

**After alcohol consumption, have you ever:**

**Q34. Destroyed your own or someone else's property?**

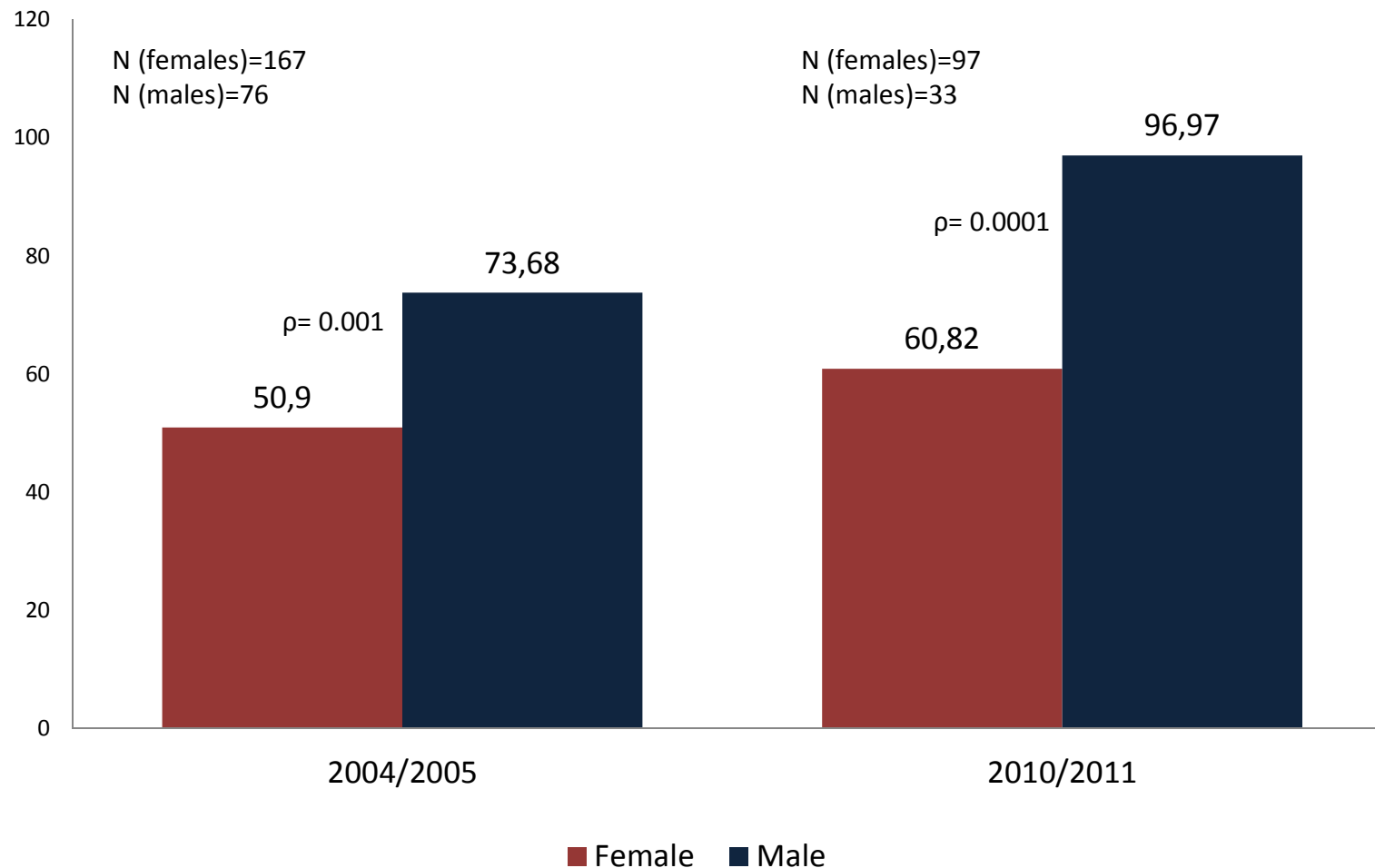
1. Yes
2. No

**Q35. Got into a fight?**

1. Yes
2. No

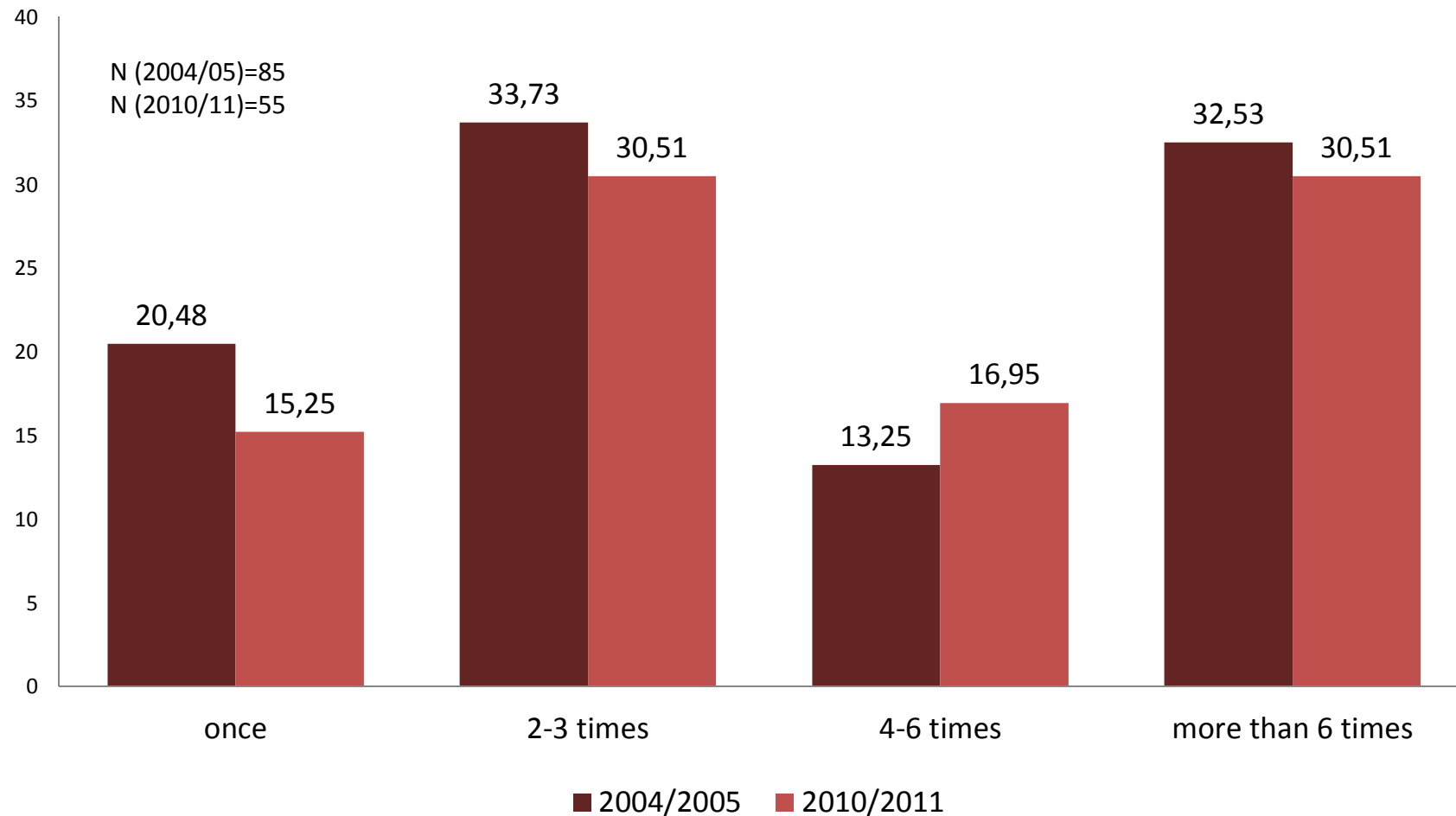
# Results (1)

**Number (%) of female and male students who have had five or more drinks on one occasion**



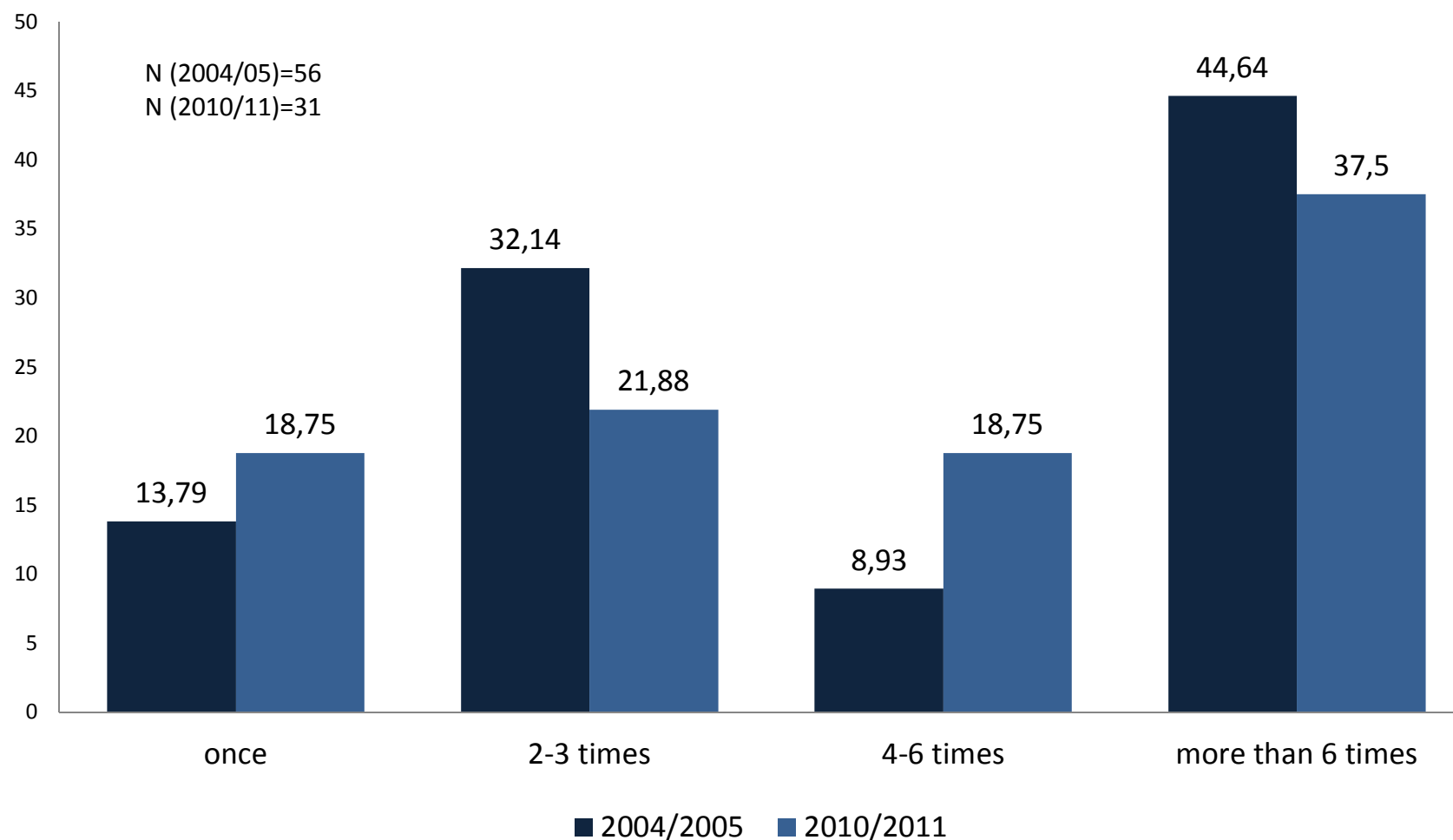
# Results (2)

**Female students (%): How many time it has happened in last 12 months?**



# Results (3)

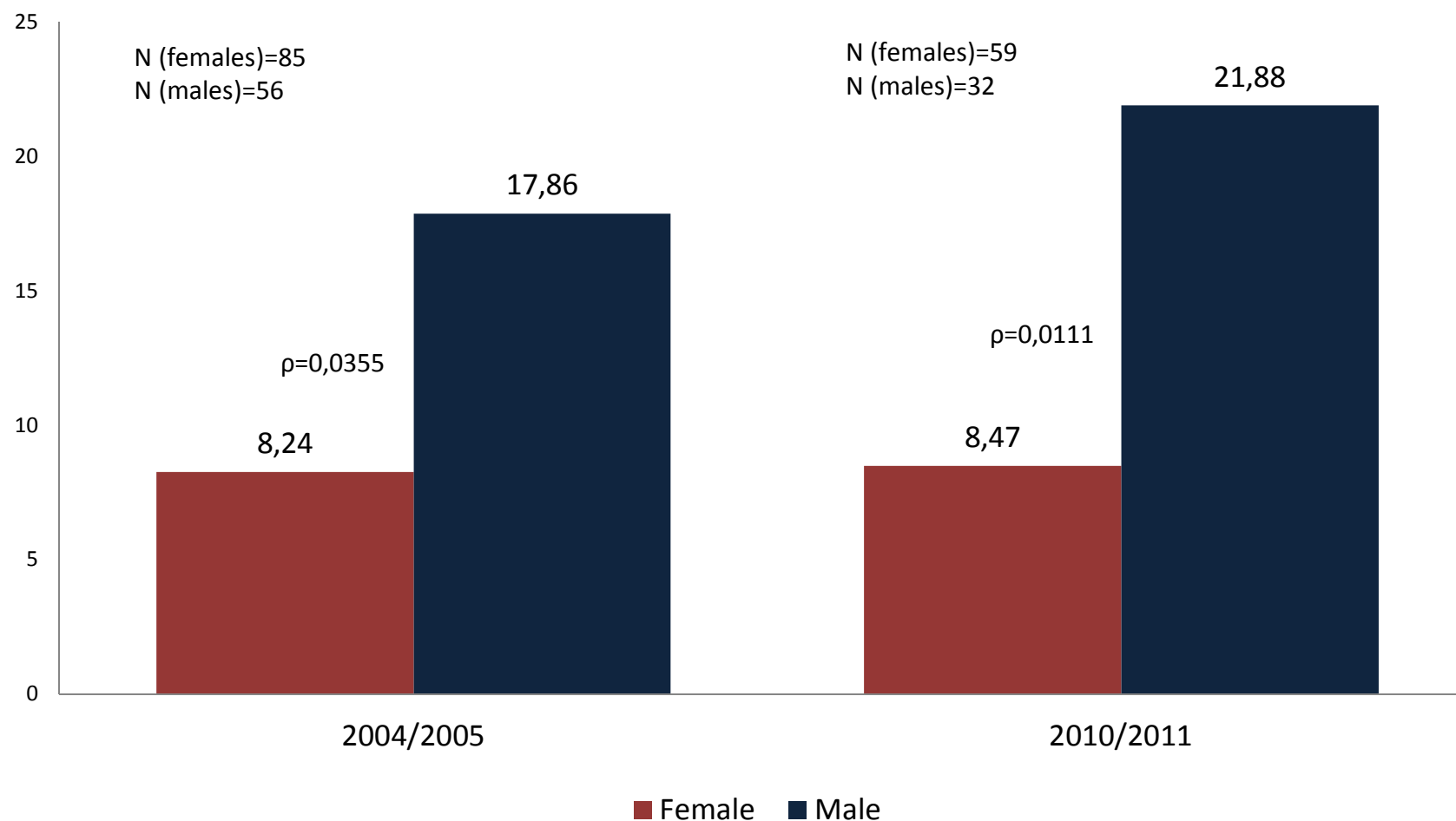
**Male students (%): How many time it has happened in last 12 months?**





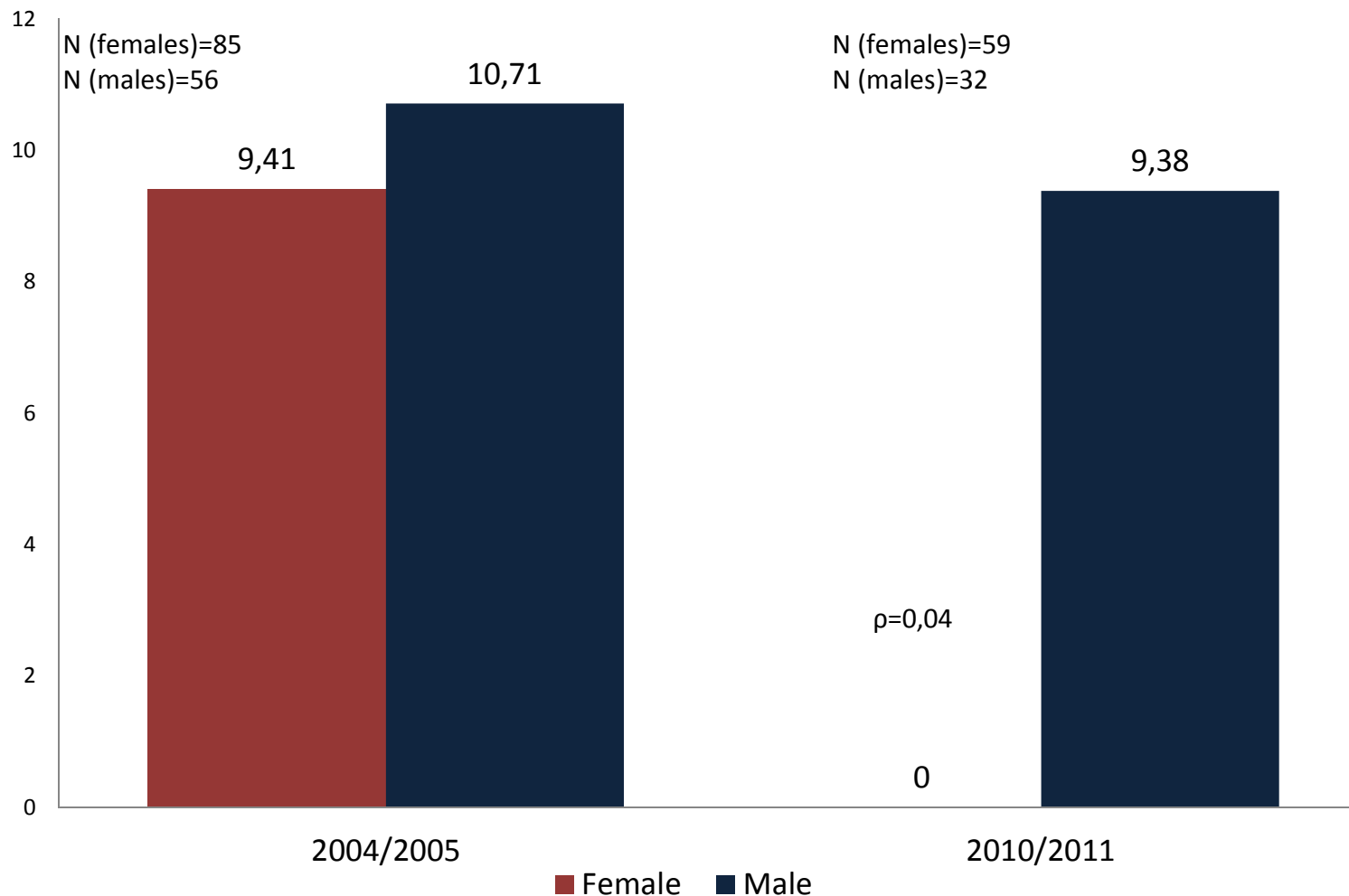
# Results (5)

**After alcohol consumption, have you ever destroyed yours or someone else's property?**



# Results (4)

After alcohol consumption, have you ever got into a fight?



# Conclusion

- Binge drinking prevalence among medical students is high, and shows increase from first to sixth year of study even though prevalence of negative consequences is low
- Risk behaviour among medical students is of special concern because of their future role as health professionals

