

Prevalence of Tuberculosis and Its Effect on Intention to Leave in Nursing Career

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Background (1)

Problems

◎ Tuberculosis (TB)

- Major global health problem
- more than 1 million died

◎ TB in Asia

- 40% of the world's cases were in India and China
- Thailand is one of the 22 countries in the world

Background (2)

Effect of TB

◎ TB infection

- Health care workers
- Nursing career
- Intention to leave (ITL)
- shortage of medical personnel

Research question

- ◉ Tuberculosis infection rates among nurses as much.
- ◉ TB associated with intention to leave in nursing career or not.



Objective

- ◉ To determine the prevalence of TB infection in nurses in Thailand
- ◉ To assess effect of TB with intention to leave in nursing career

Materials and methods (1)

◎ *Study design*

- Cross-sectional design
- Part of the Thai Nurse Cohort Study (TNCs)

◎ *Study outcome*

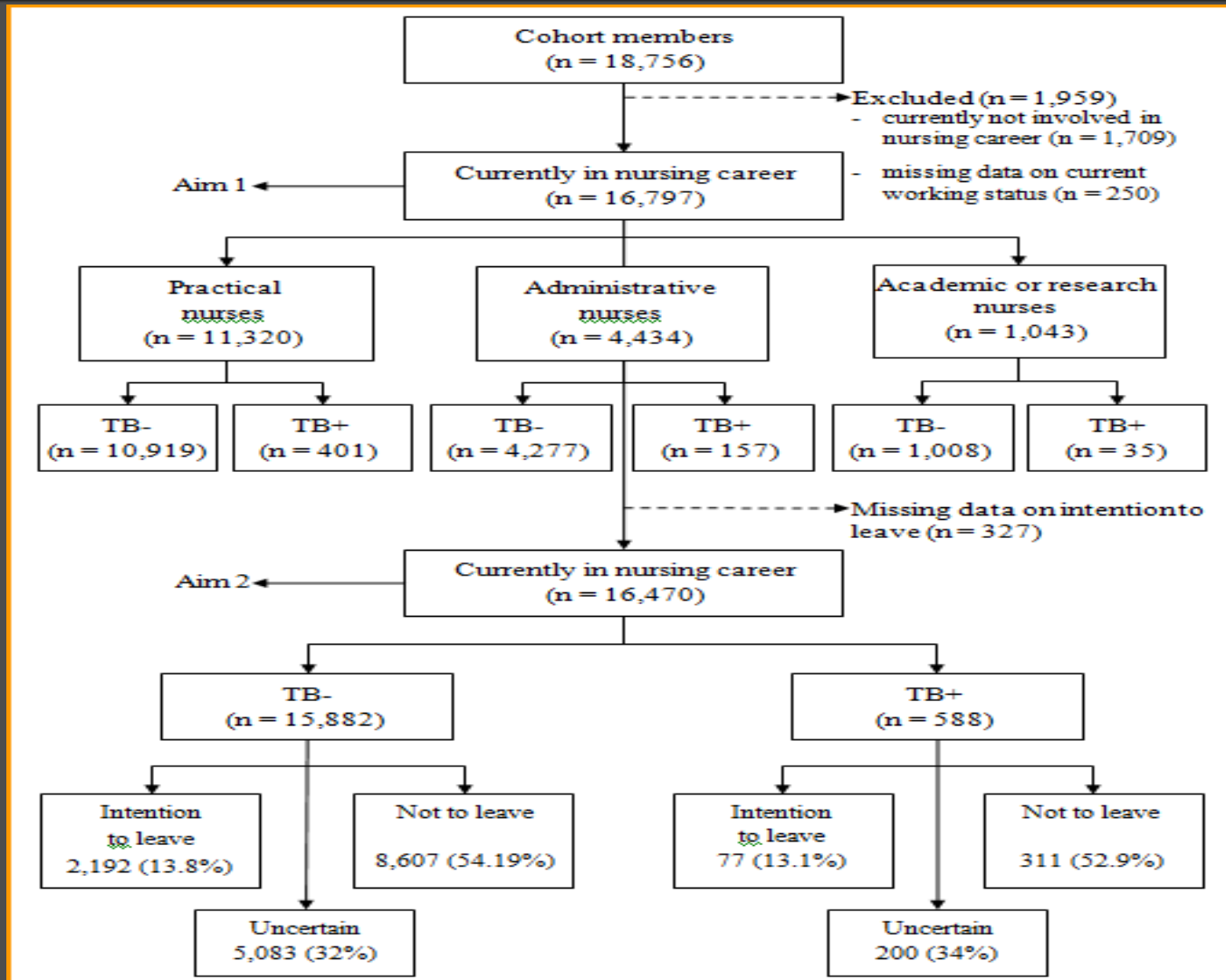
- TB infection
- intention to leave (ITL) a nursing

Materials and methods (2)

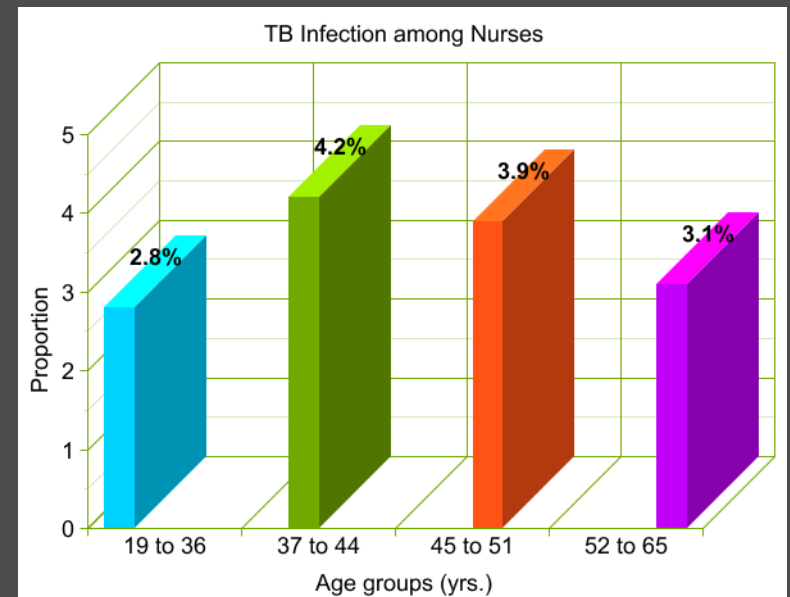
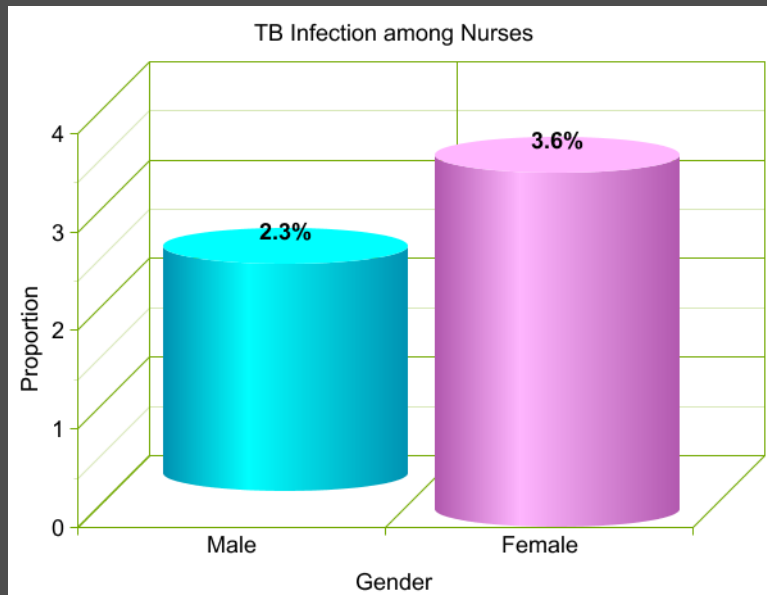
◉ *Statistical analysis*

- Descriptive analysis
- Bivariate analysis (Crud ORs)
- Multivariable analysis (Adjusted ORs)
- Using STATA version 12.0 (*StataCorp, College Station, TX*)

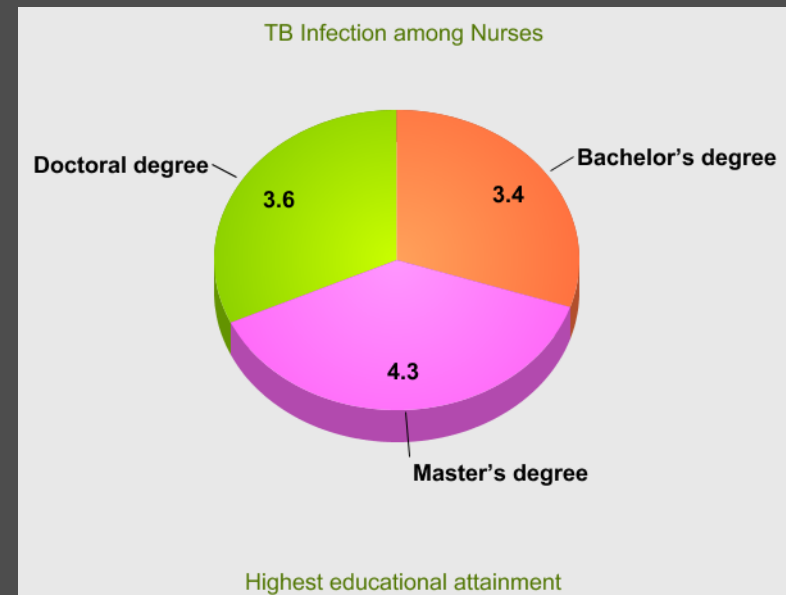
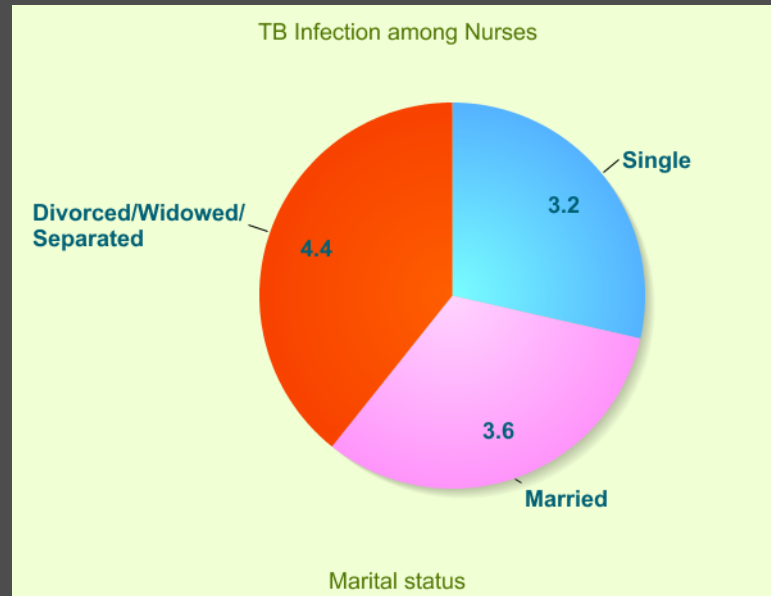
Results (1)



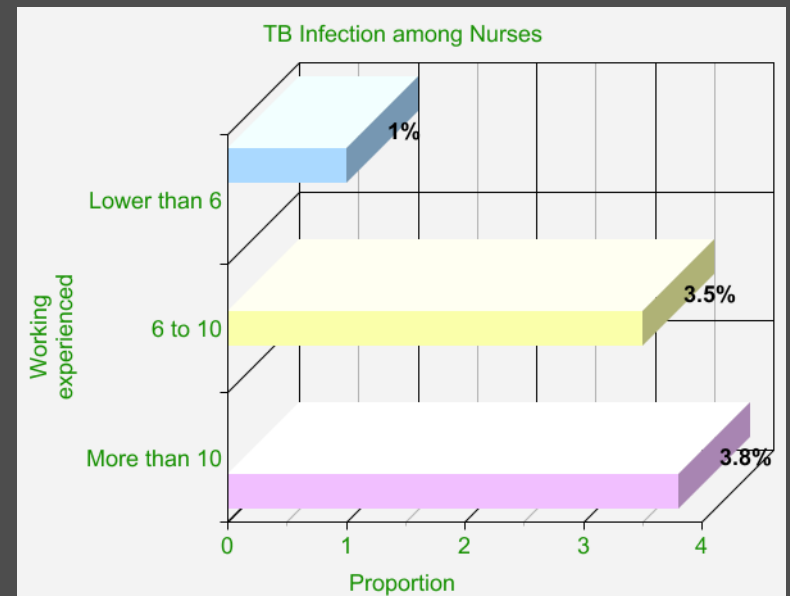
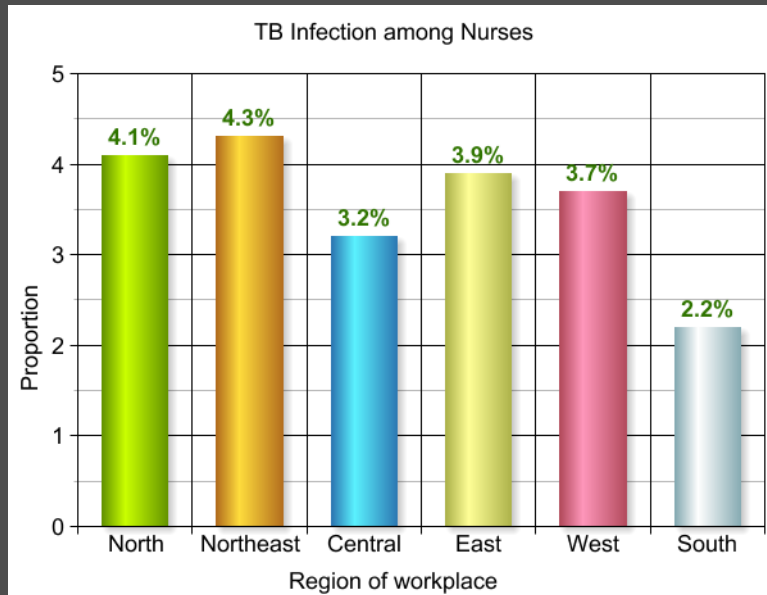
Results (2)



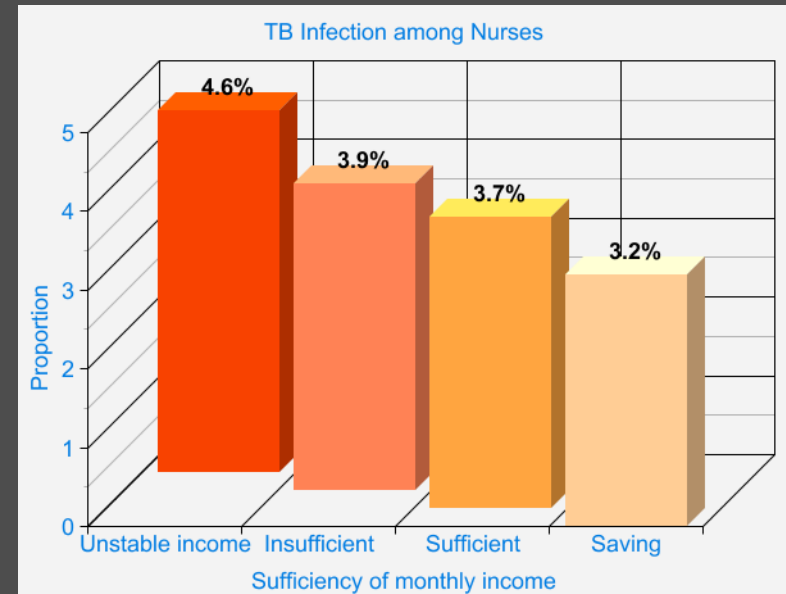
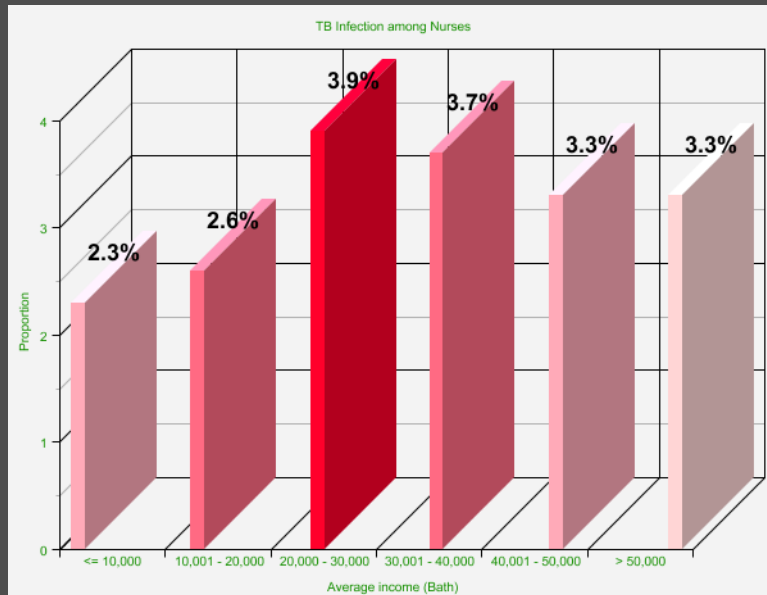
Results (3)



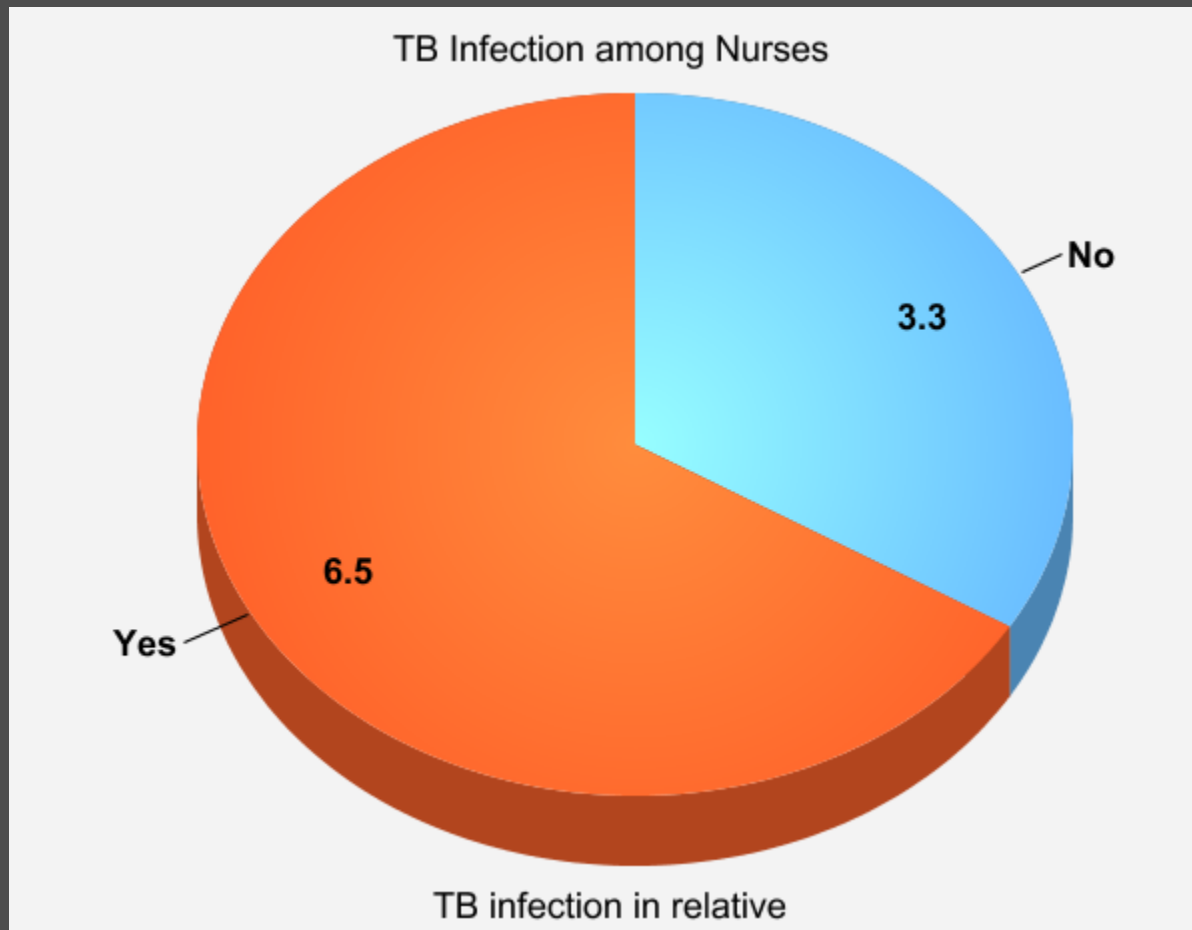
Results (4)



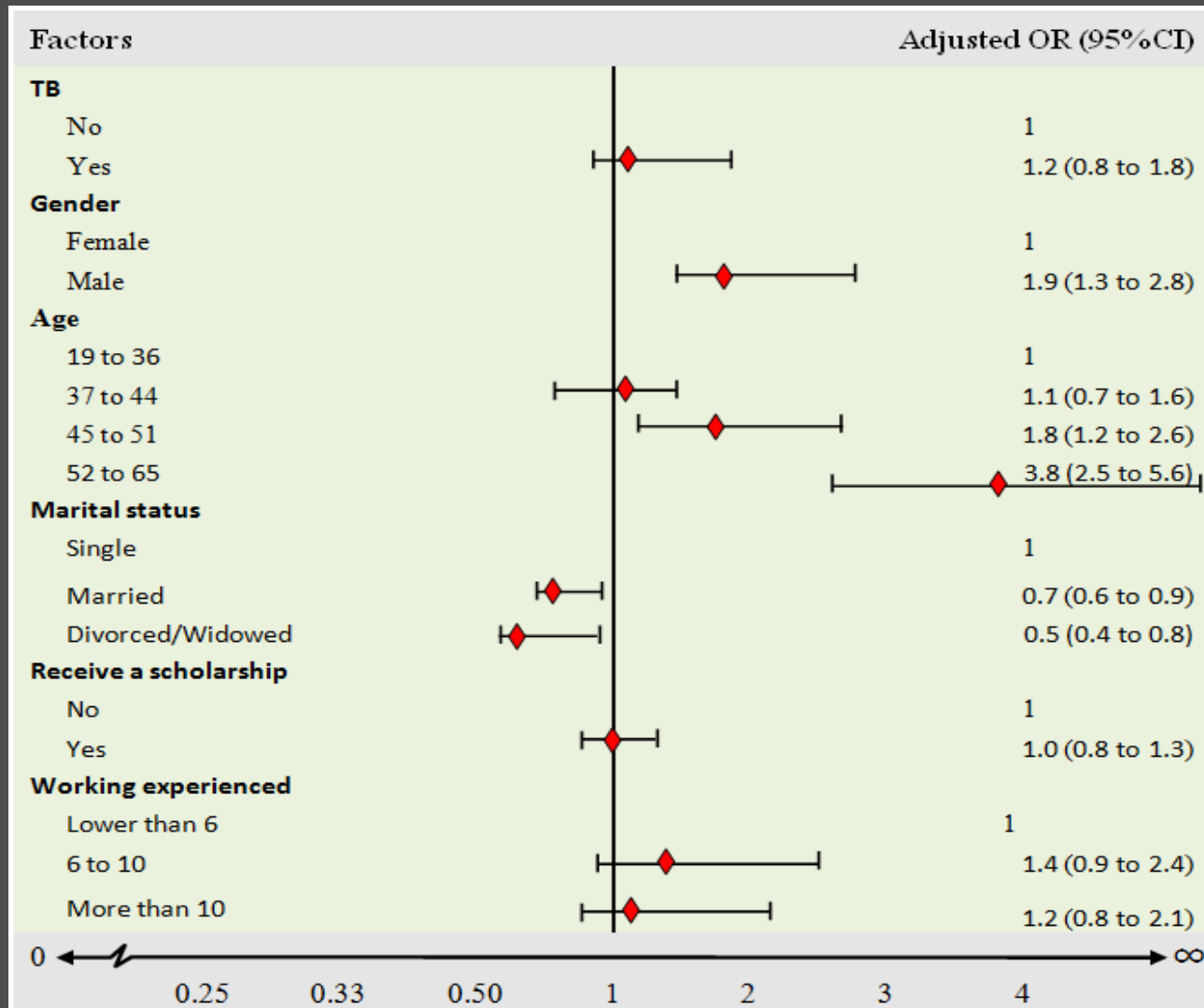
Results (5)



Results (6)



Results (7)



Conclusions

- ◉ The rate of TB infection is high in middle age, unstable income, and TB infection is relative, but it was not associated with ITL in nursing career.
- ◉ However, this study shows that TB infection rates remain high and remains a health problem that needs to be burned. Especially, in medical personals who closes to patients.

Thank you
for your attention

