

عنوان مقاله:

The study of waiting time to first pregnancy in the south of Iran: A parametric frailty model approach

محل انتشار:

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خلاصه مقاله:

Background: Time to first pregnancy (TTFP) has never been studied in an Iranian setting. Lifestyle, occupational and environmental factors have been suggested to affect the female reproduction. **Objective:** This study was conducted to measure TTFP in the south of Iran and survey the effects of several similar factors on TTFP by frailty models. **Materials and Methods:** The data on TTFP were available for 882 women who were randomly selected from the rural population (the south of Iran). Only the first and the planned pregnancies of every woman were included. The data were collected retrospectively by using self-administered questionnaires. Frailty and shared frailty models were used to determine which factors had the highest impact on TTFP. **Results:** The median TTFP was 6.4 months and several factors were surveyed. However, only the age of marriage, height, maternal education and regularity of menstruation prior to conception were selected in the multivariable models. **Conclusion:** Among the several factors which were included in the study, the result of frailty model showed that the height, age of marriage and regular menstruation seemed more notable predictors of TTFP.

کلمات کلیدی:

Survival models, Frailty models, Fertility, Time to pregnancy

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