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*Retrospective Cohort Study*

Observed prevalence and risk factors of Birth defects in Shanghai ,China

Min Yang et al. prevalence and risk factors of Birth defects

Running title: Birth defects in Shanghai

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**Biostatistics statement:** All the data in the investigation were obtained from the birth defect surveillance network of Obstetrics and Gynecology Hospital of Fudan University, collected from 2008 to 2014. The data of the study was analyzed by Xiaoxia An. The t-test, ANOVA and chi-square test were employed where applicable. In addition, multiple logistic regression analysis was performed to analyze the relationship between birth defect and potential risk factors. Confidence intervals were given and a P value of  $<0.05$  was considered significant. All statistical analyses were conducted using SPSS version 13.0 .

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