Introduction

The data consist of randomized trials before 1980 of corticosteroid therapy in premature labor and its effects on neonatal death. This experiment was done at 7 different locations or clinics. Each location consists of a treatment group and control group. Within each group the total count of patients was recorded along with the corresponding mortality for each group. The goal of my experiment is to first consult an authoritative source for an appropriate Bayesian method to models this data. Defend the use of this method. Simulate type 1 errors based on the chosen method. Finally, apply chosen method to the data and summary findings.