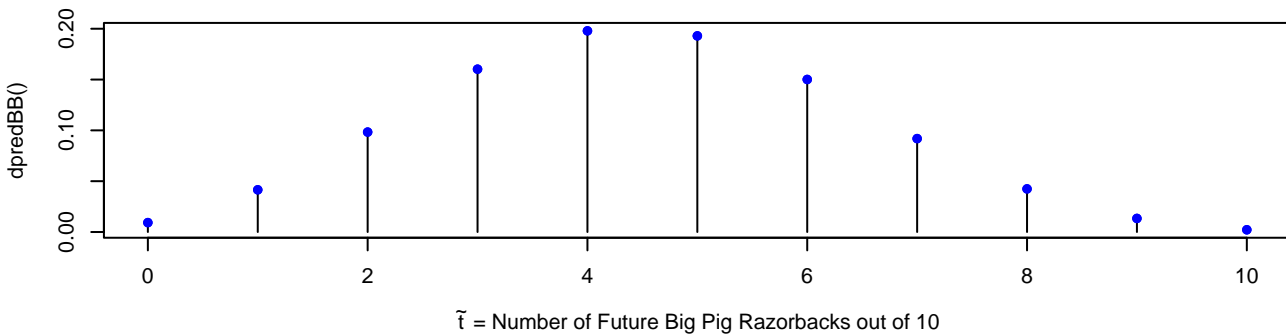
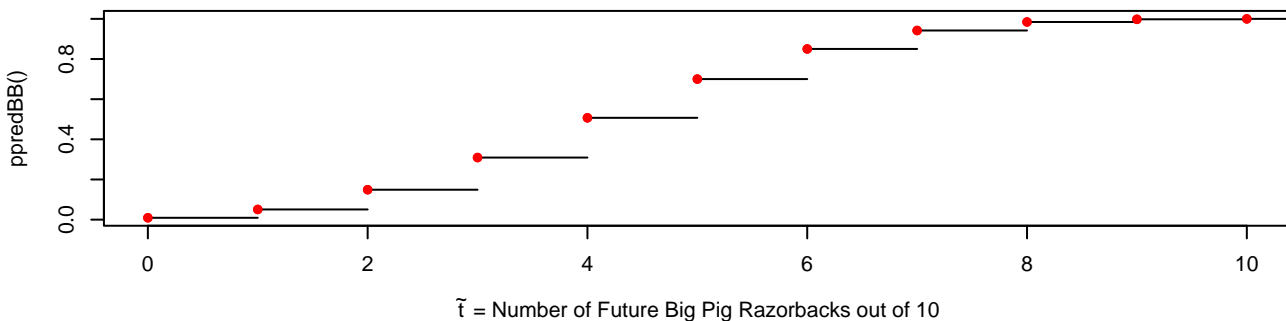


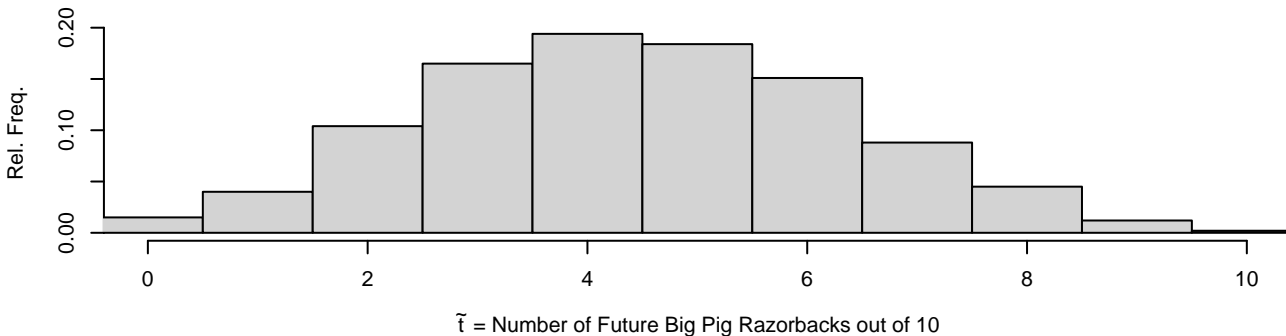
Beta-Binomial Predictive Probability Mass



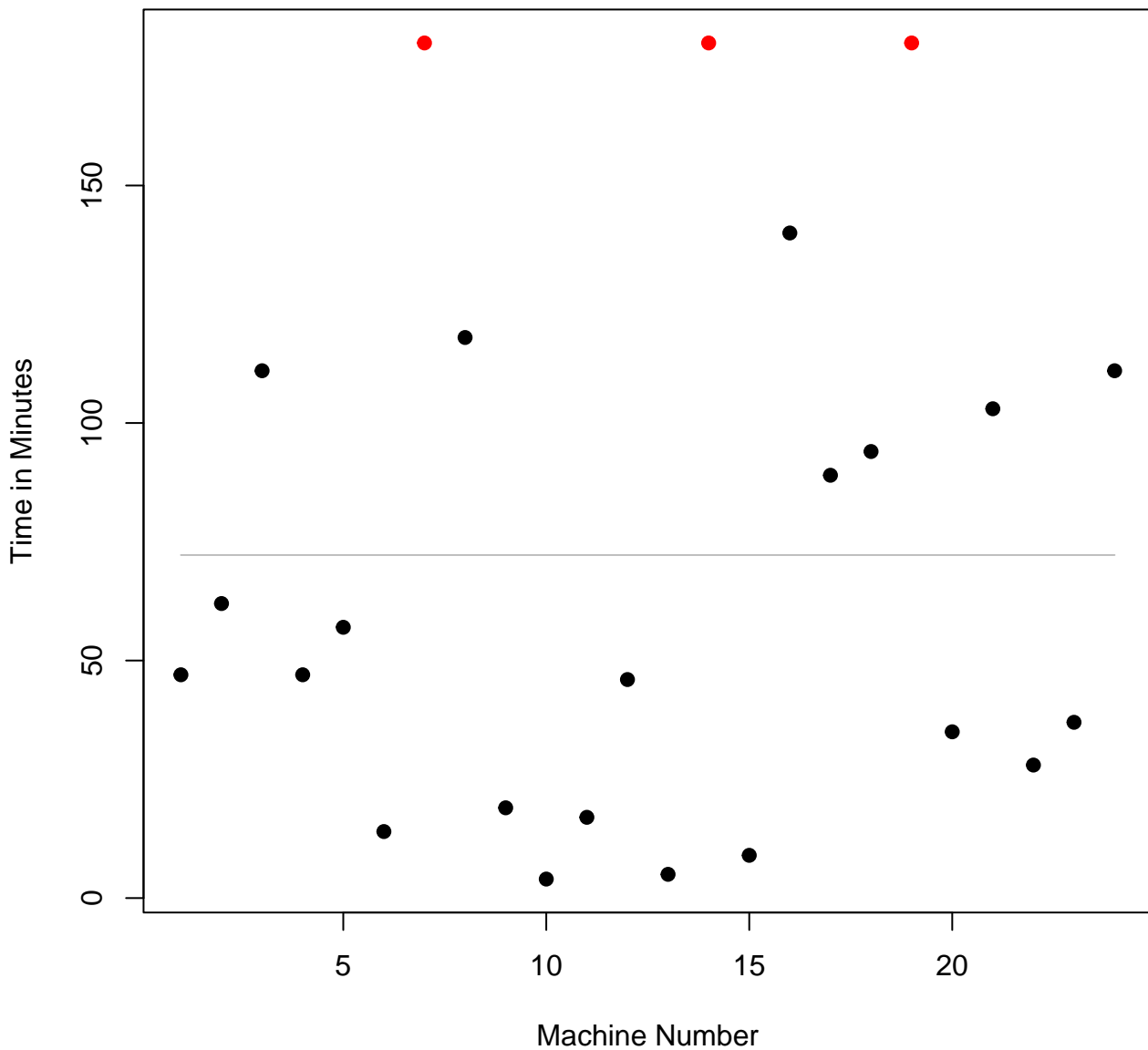
Beta-Binomial Cumulative Predictive Probability



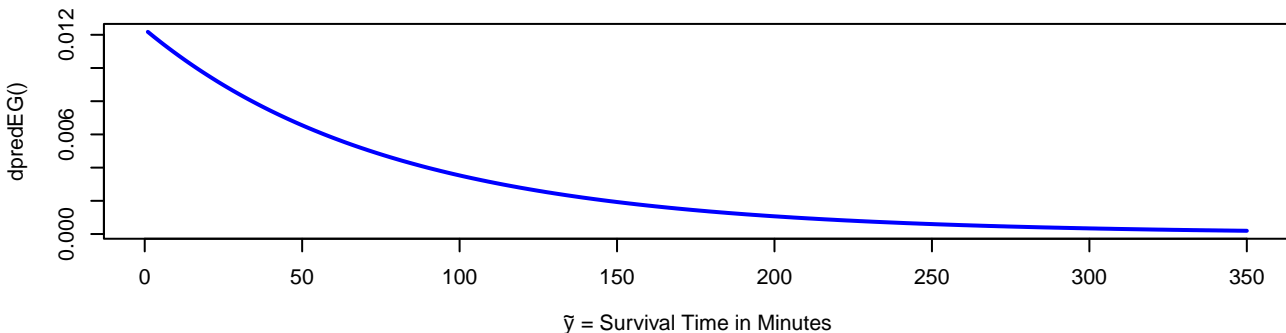
Histogram of Predictive Sample



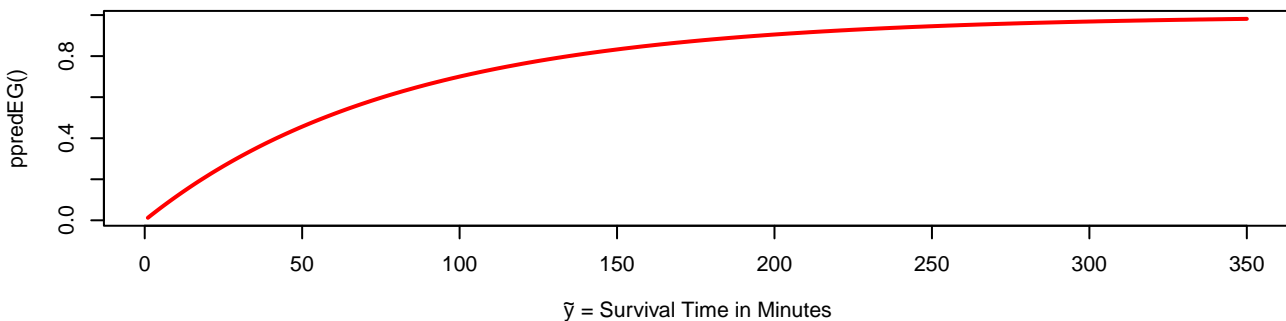
Machine Tool Lifetimes



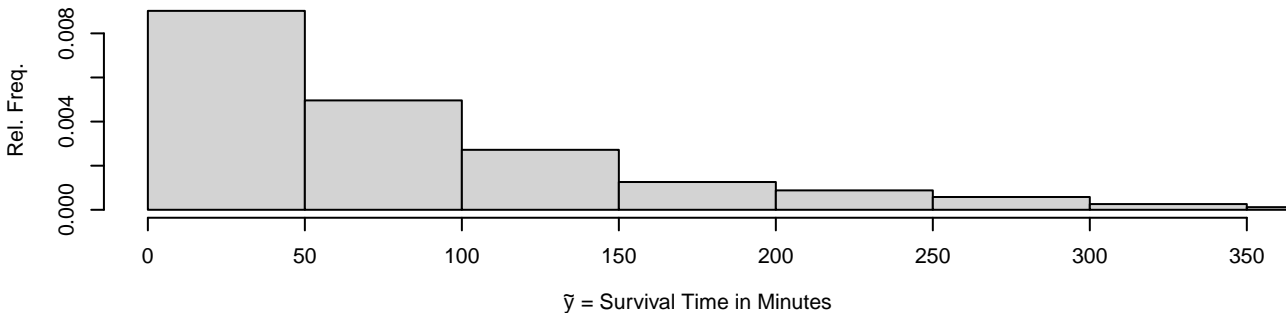
Exponential-Gamma Predictive Density



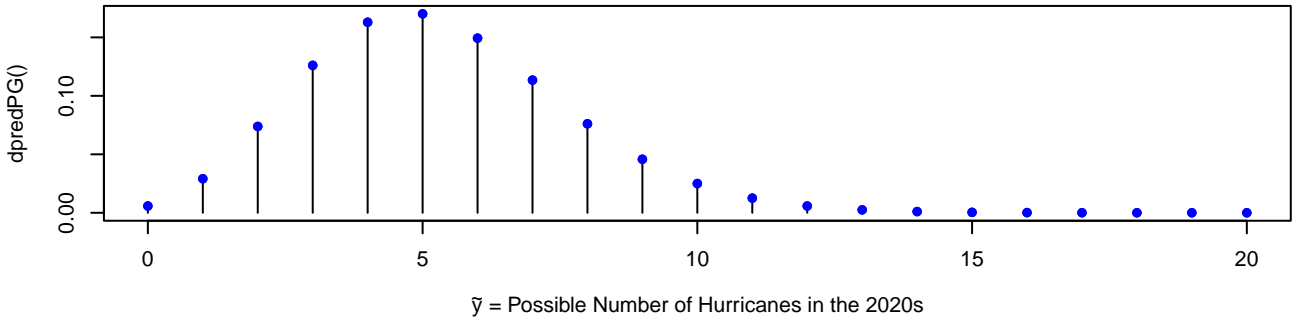
Exponential-Gamma Cumulative Predictive Probability



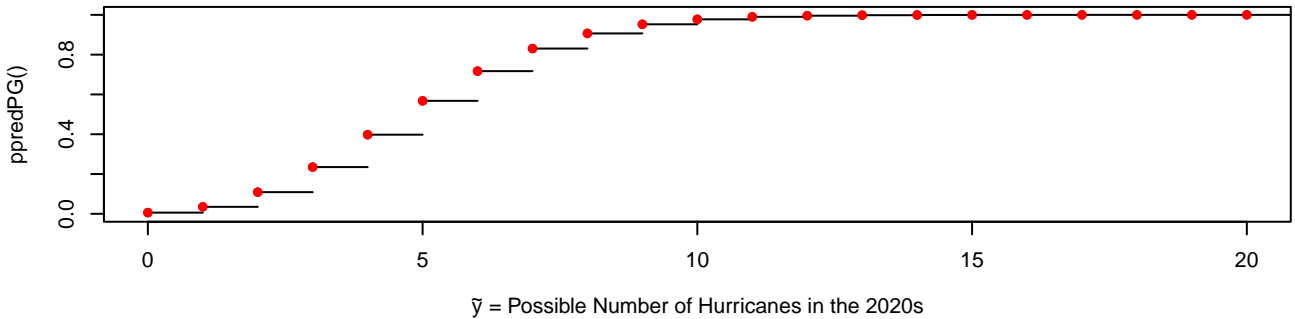
Histogram of Predictive Sample



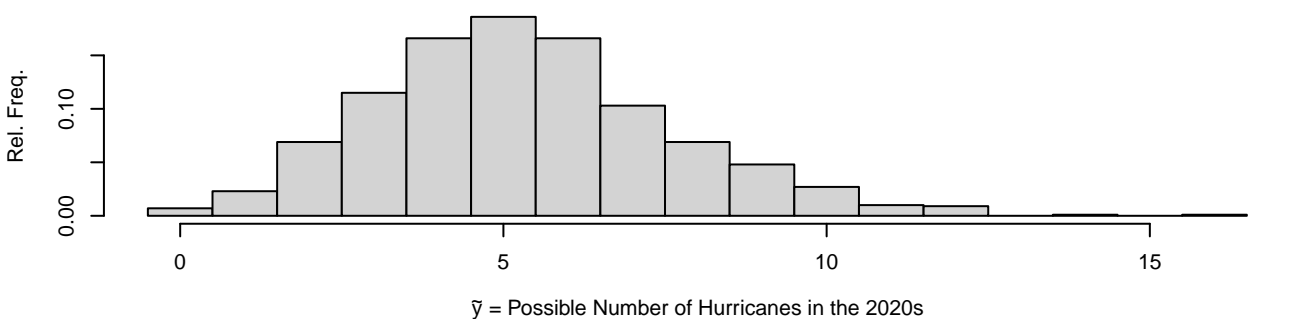
Poisson–Gamma Predictive Probability Mass



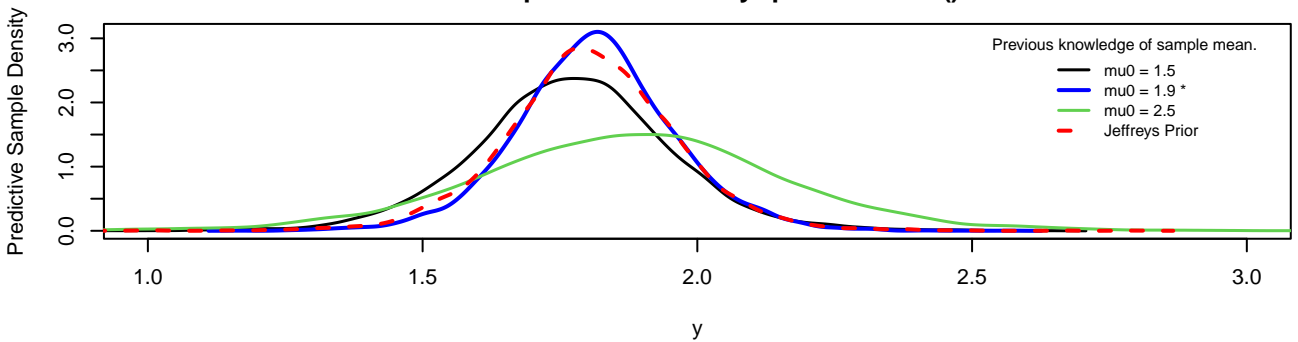
Poisson–Gamma Cumulative Predictive Probability



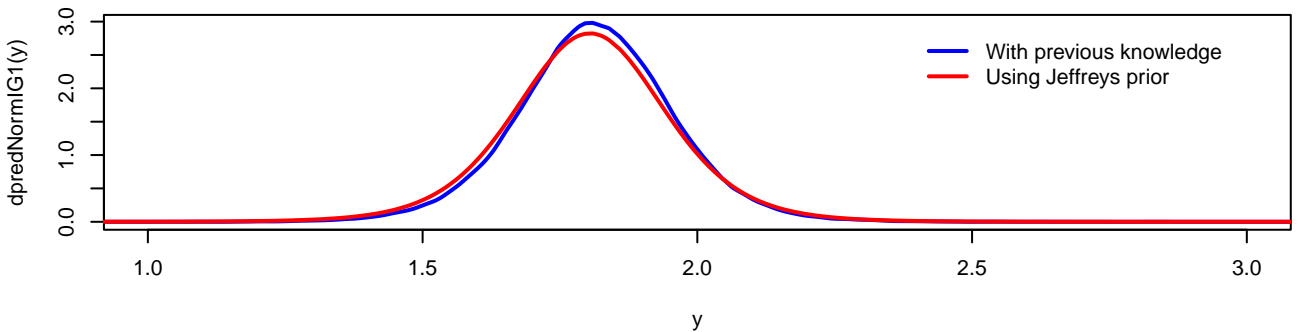
Histogram of Predictive Sample



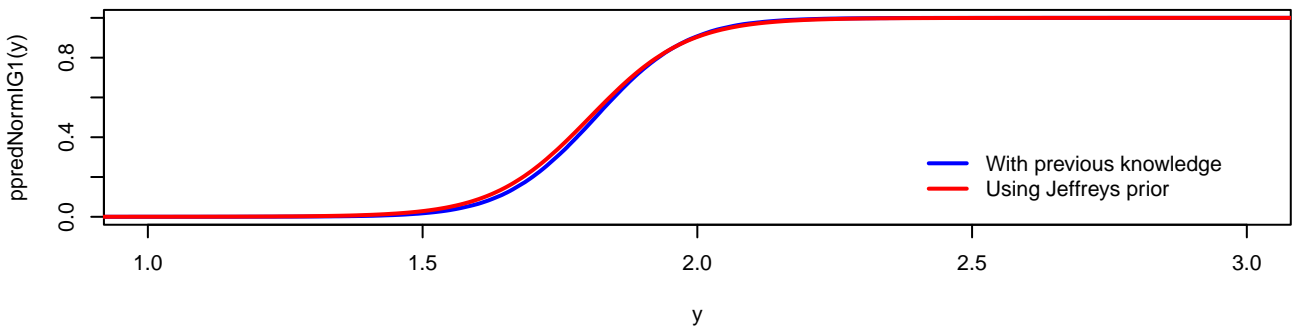
**Normal-Inverse Gamma Density
of Samples Generated by rpredNormIG1()**

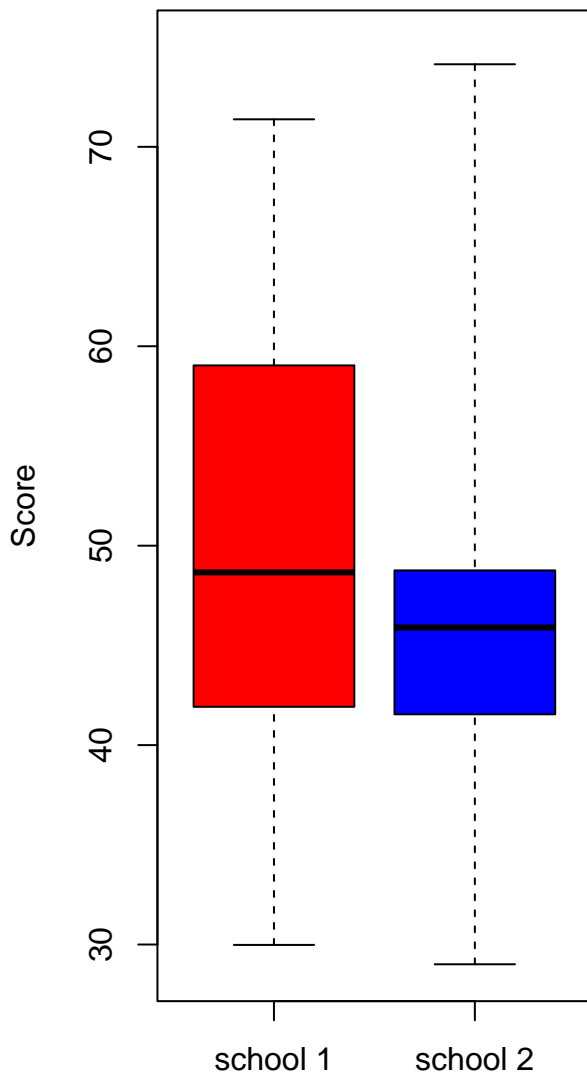
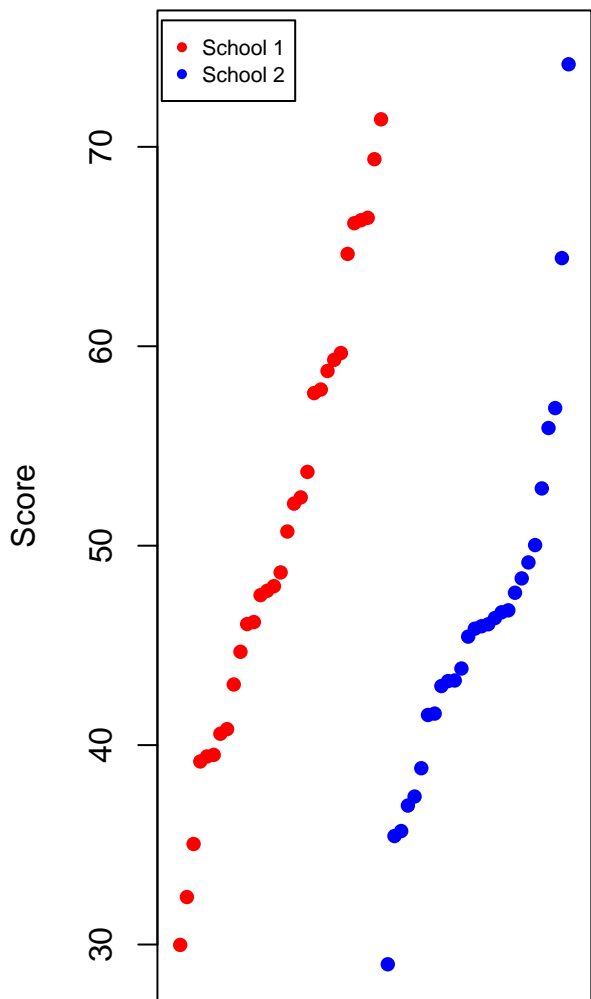


**Normal-Inverse Gamma Density
Using dpredNormIG1()**

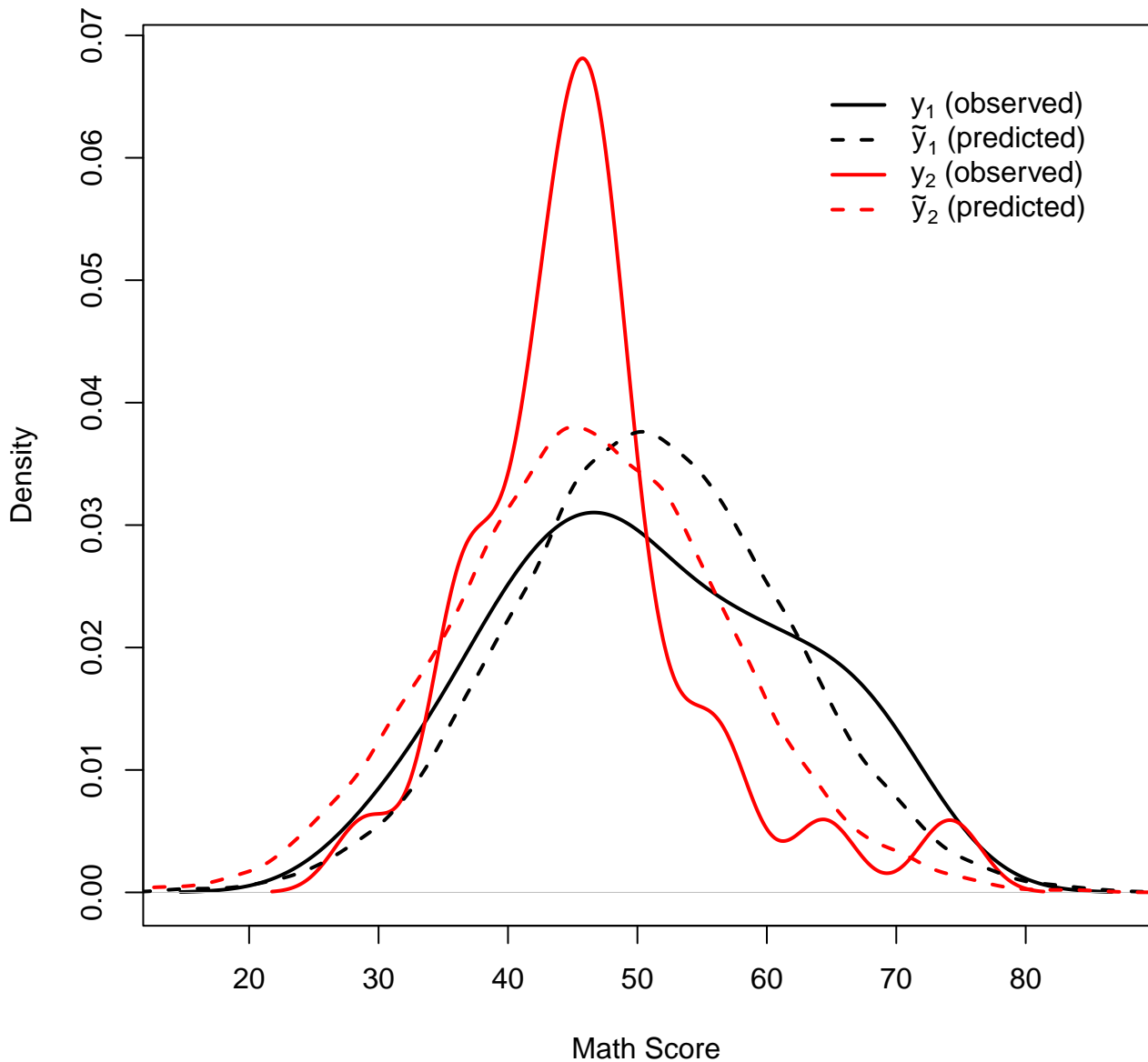


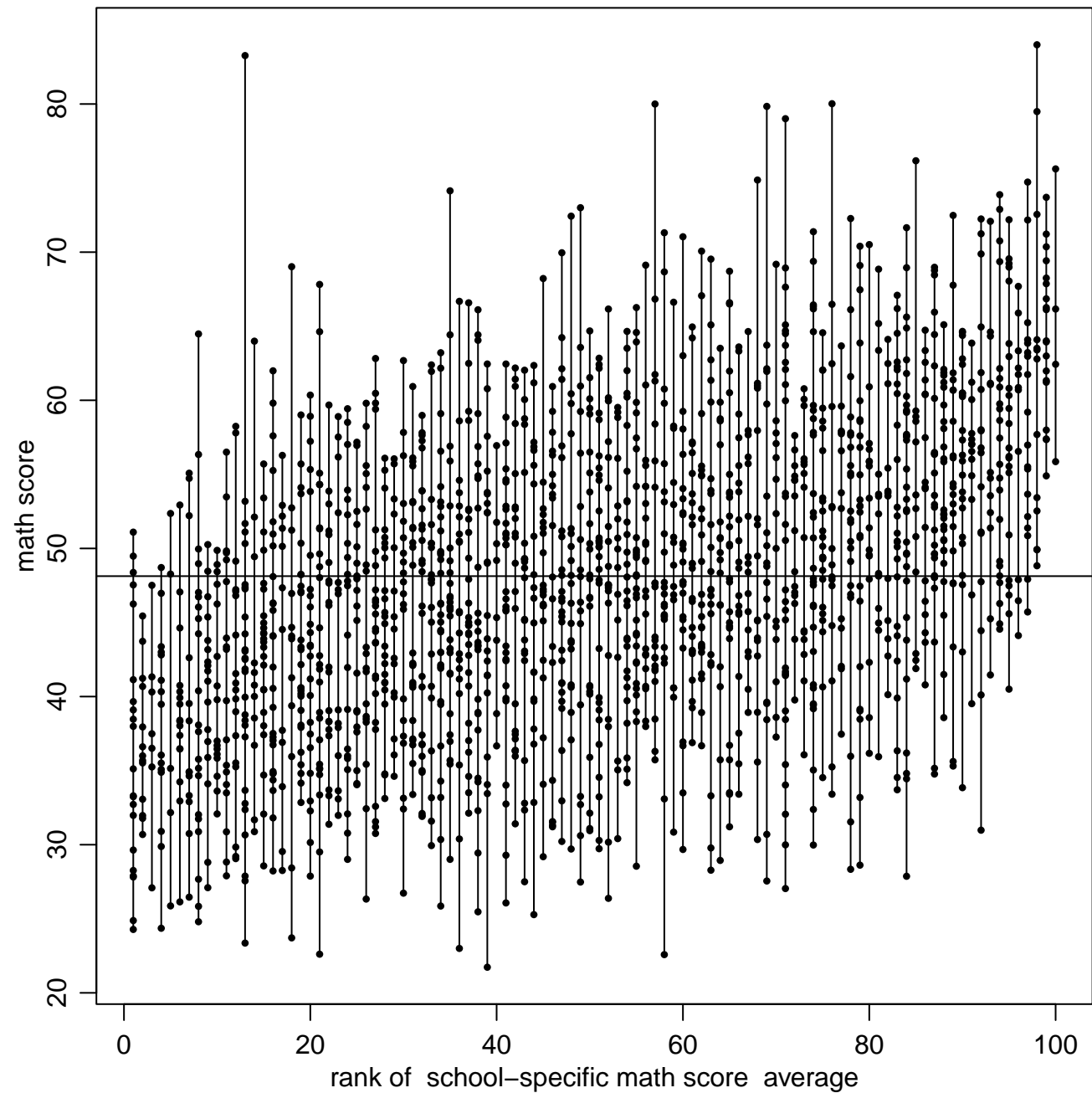
**Normal-Inverse Gamma Cumulative Density
Using ppredNormIG1()**



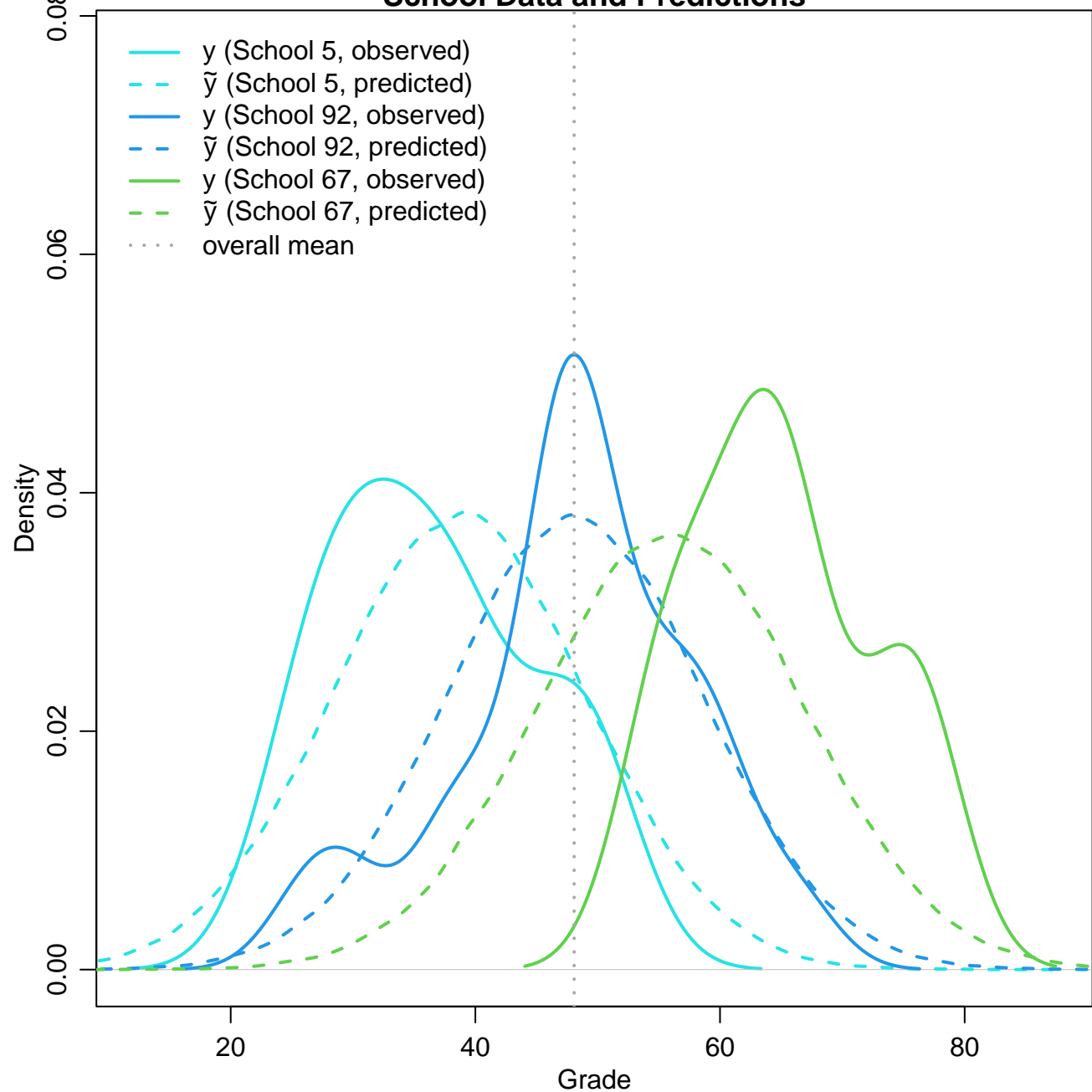


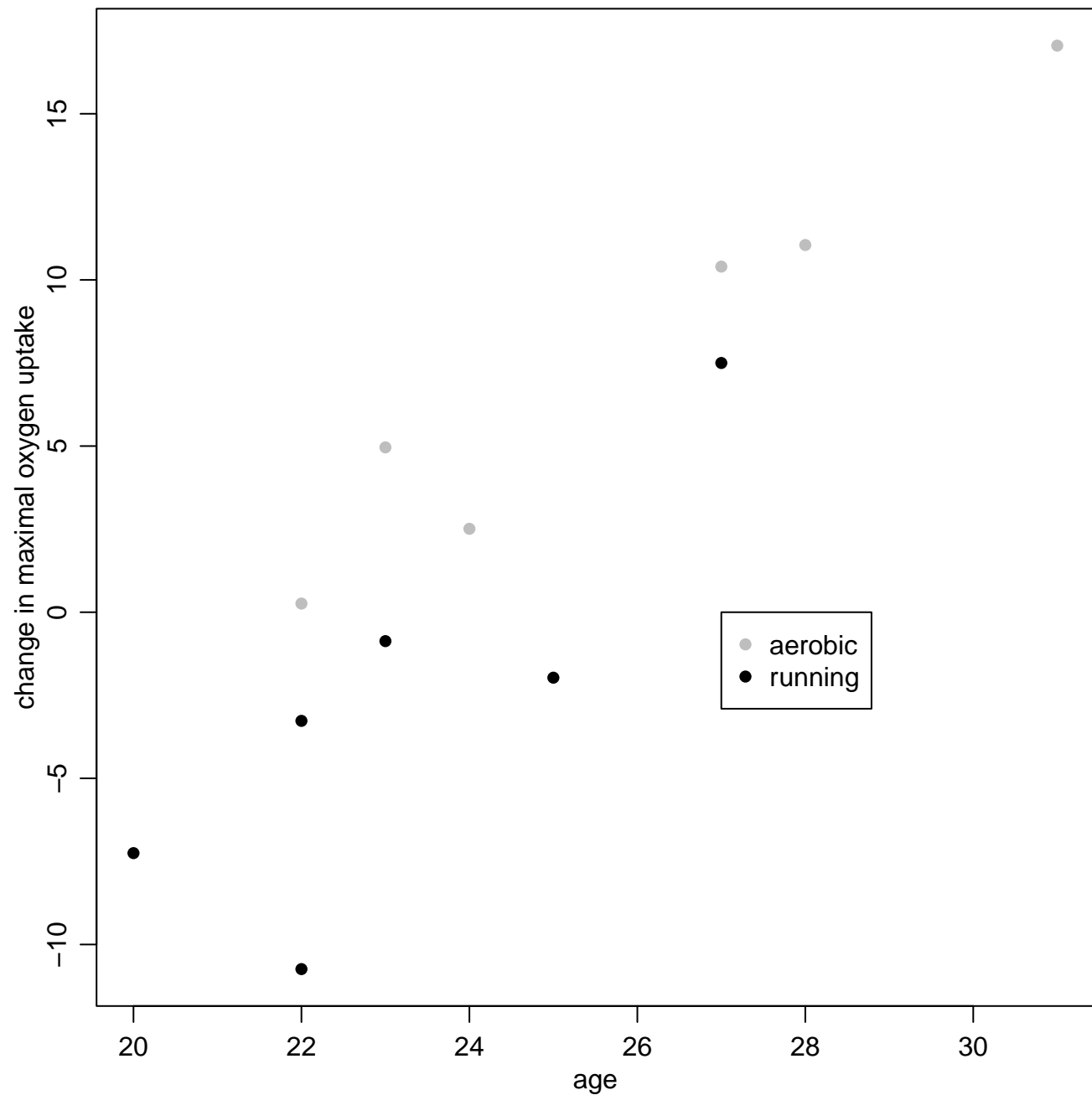
Normal-Inverse Gamma 2-Sample Comparison



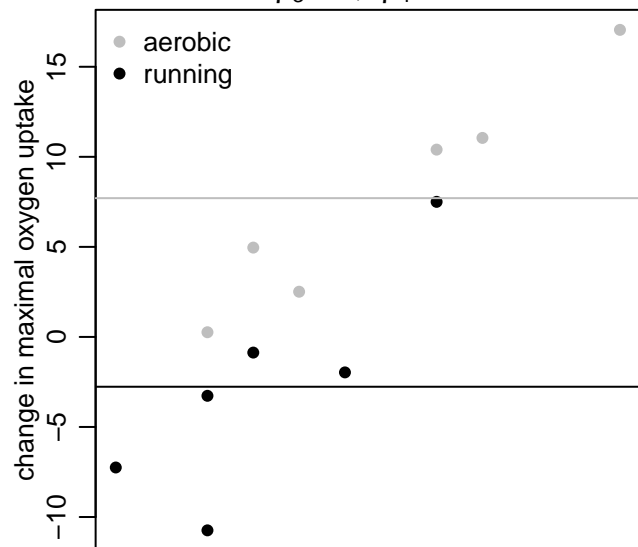


School Data and Predictions

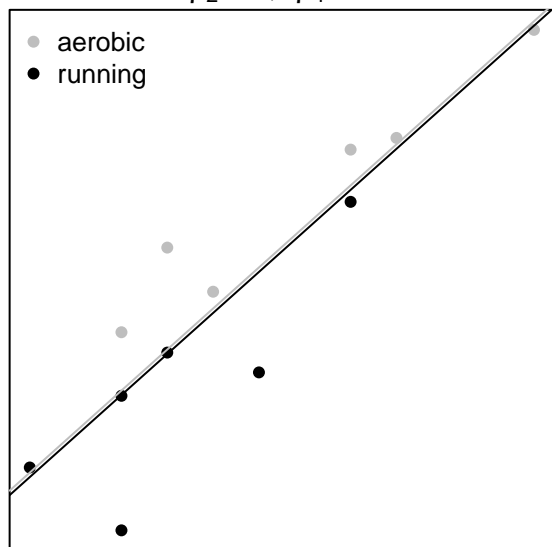




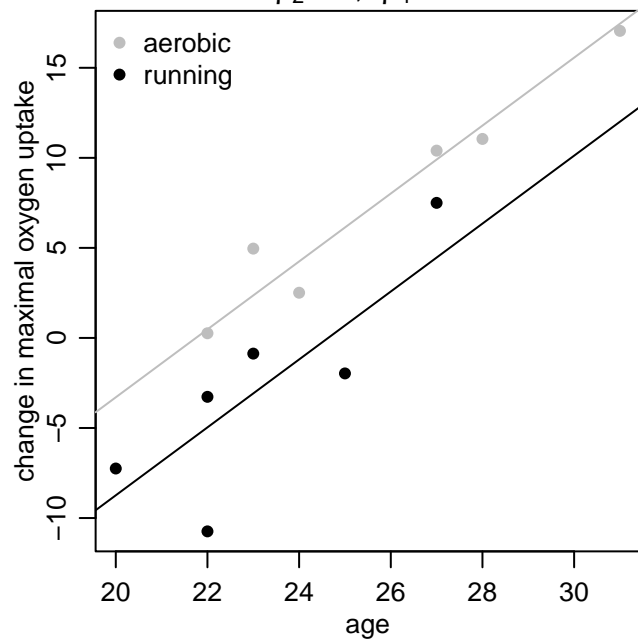
$\beta_3 = 0, \beta_4 = 0$



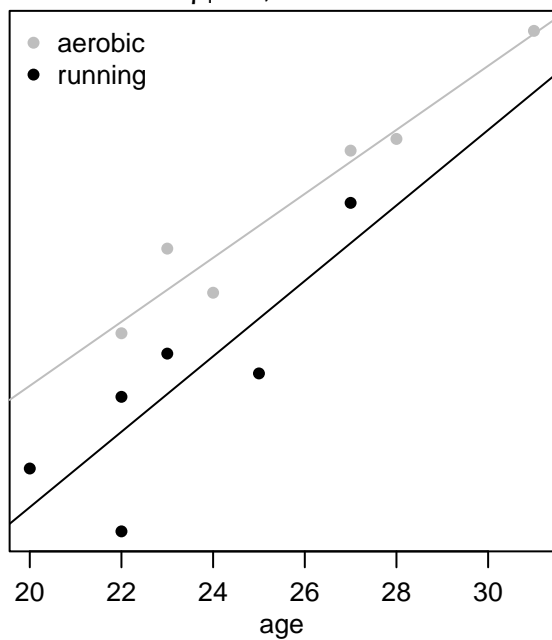
$\beta_2 = 0, \beta_4 = 0$



$\beta_2 \neq 0, \beta_4 = 0$



$\beta_i \neq 0, \text{ for all } i$



Semi-conjugate prior vs. Zellner's g-prior

