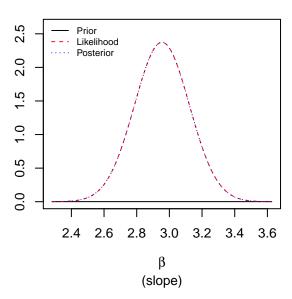
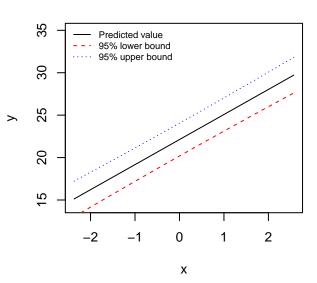
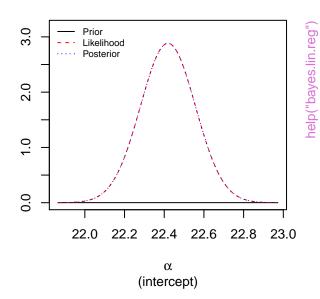
Prior, likelihood and posterior for β

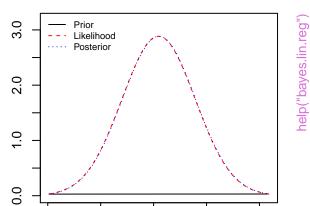


Predicitions with 95% bounds



Prior, likelihood and posterior for $\alpha_{\overline{\textbf{x}}}$





22.4

α

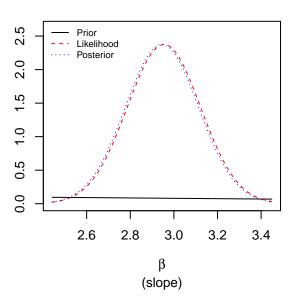
(intercept)

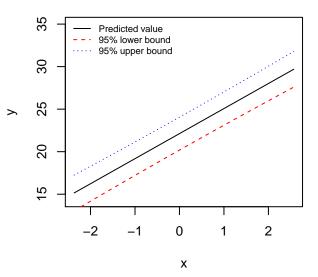
22.6

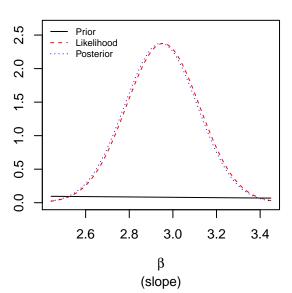
22.8

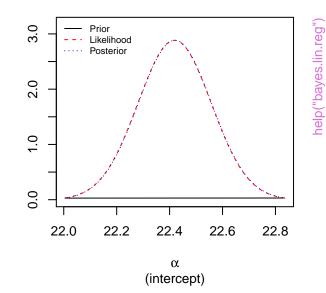
22.0

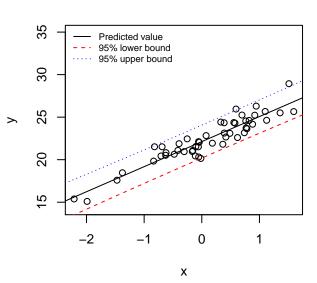
22.2

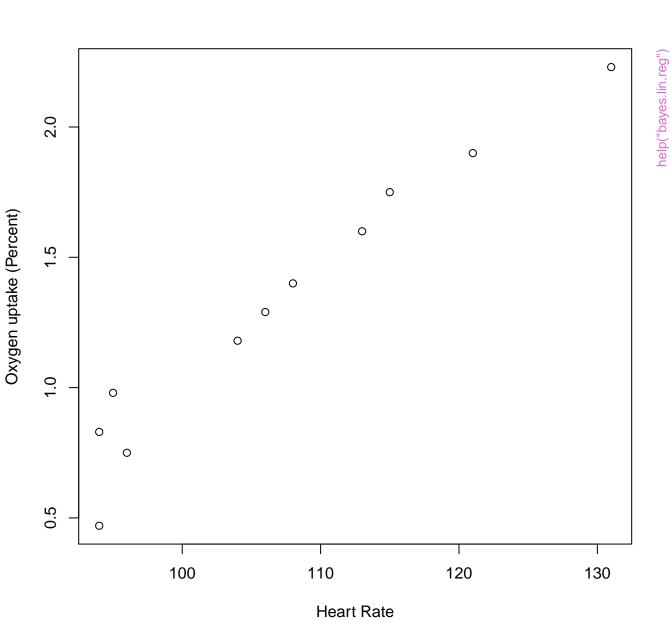


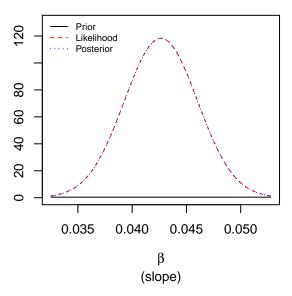


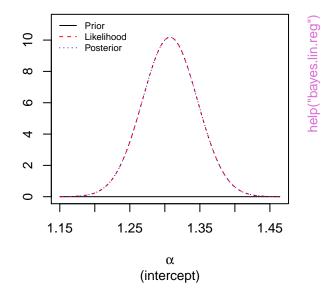


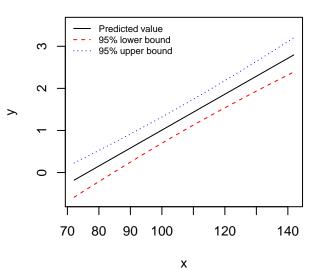


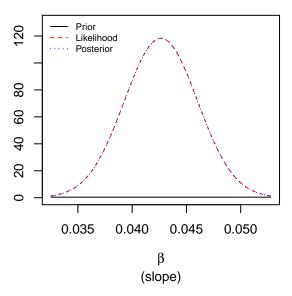


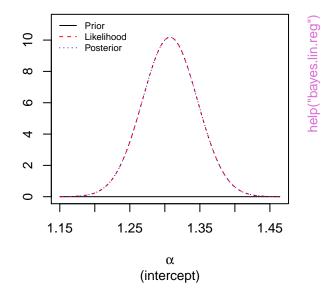


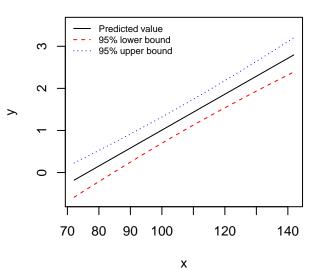


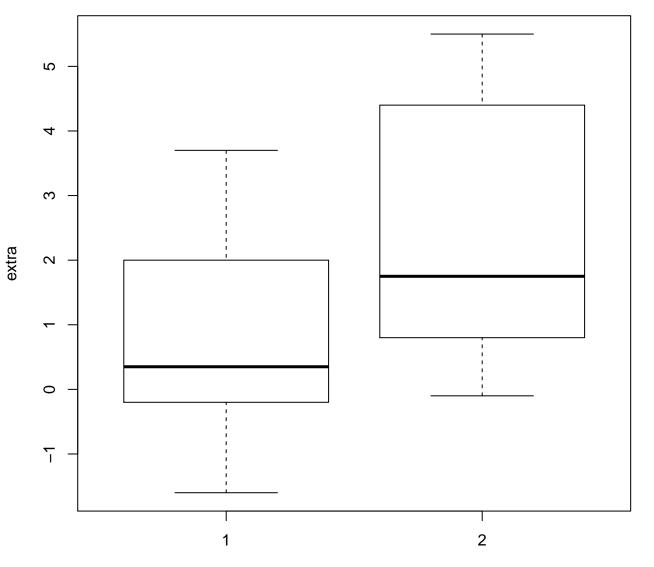




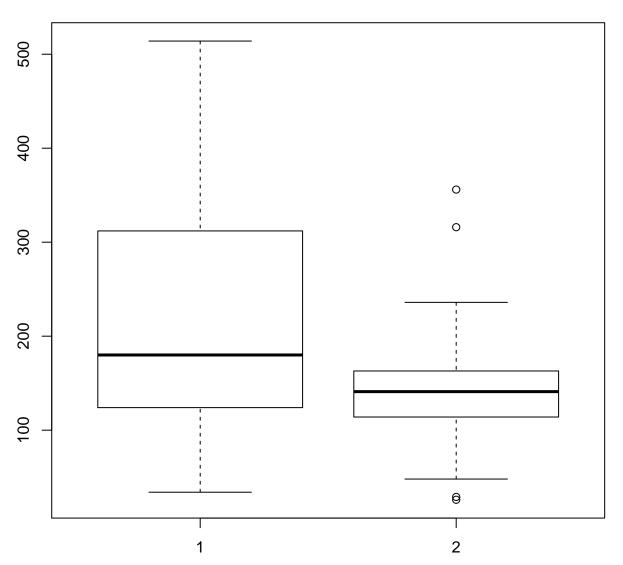




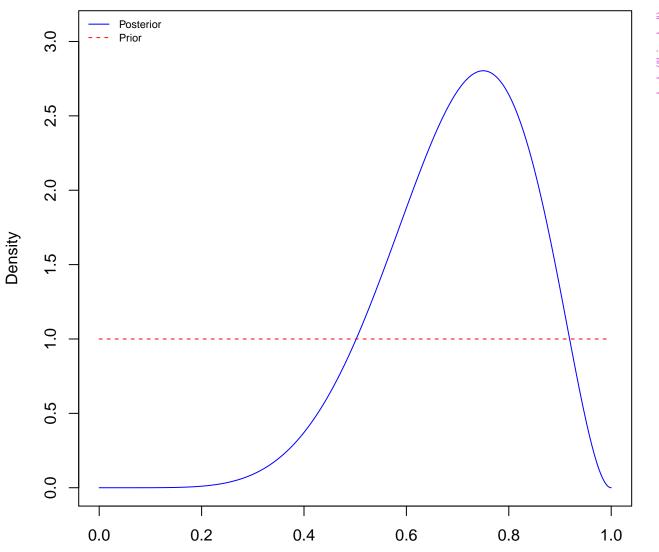




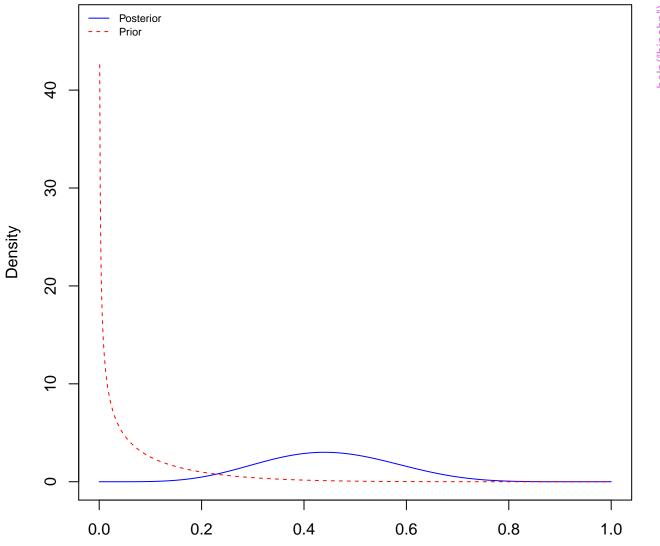
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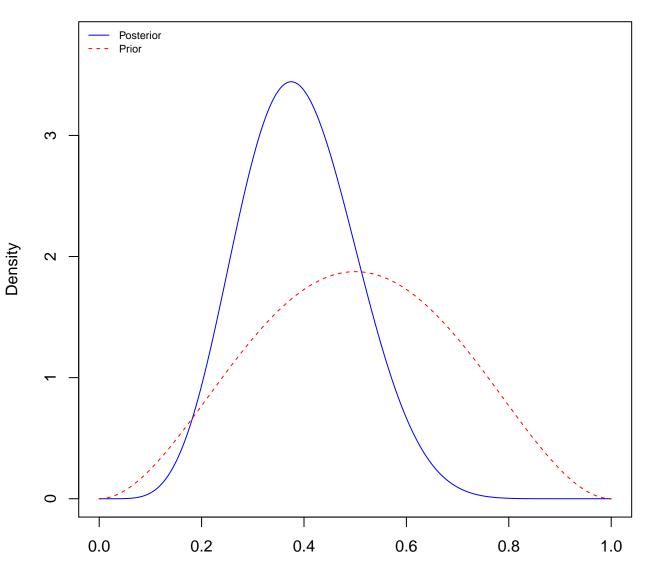


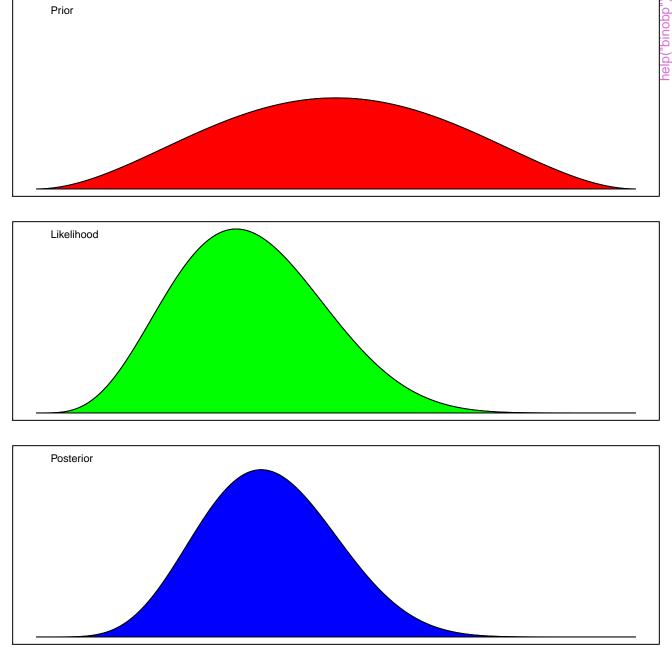


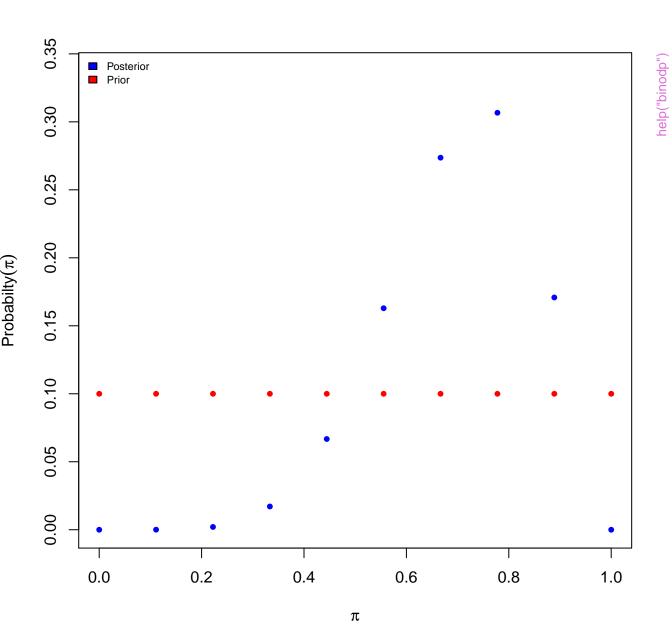




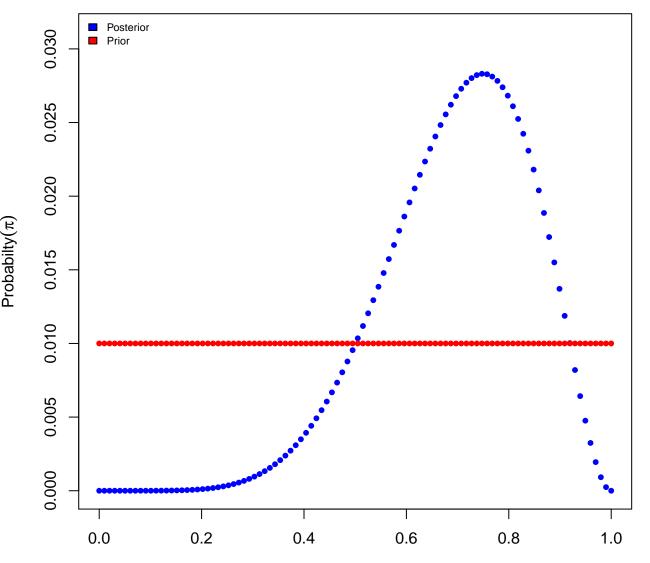




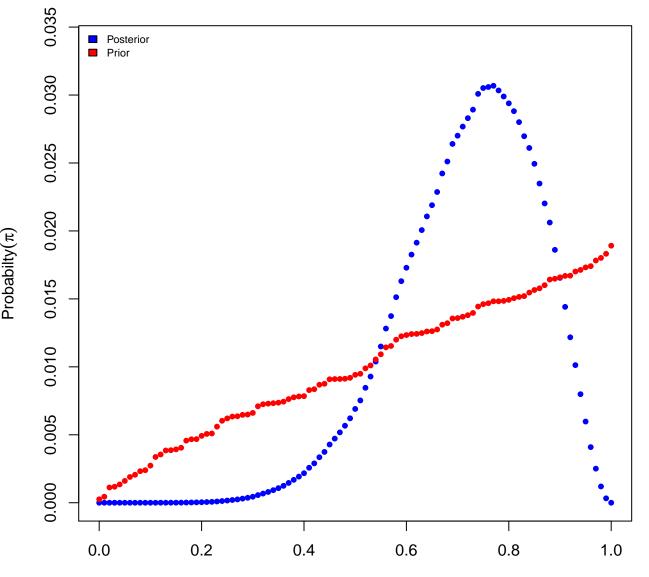


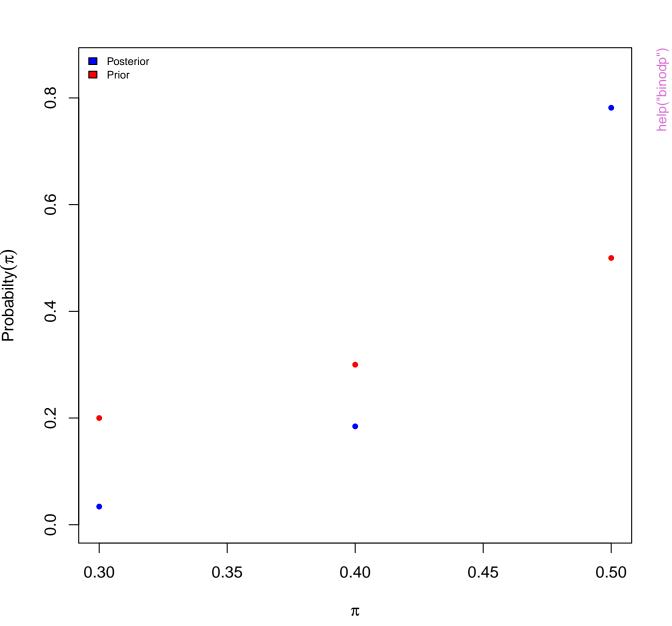




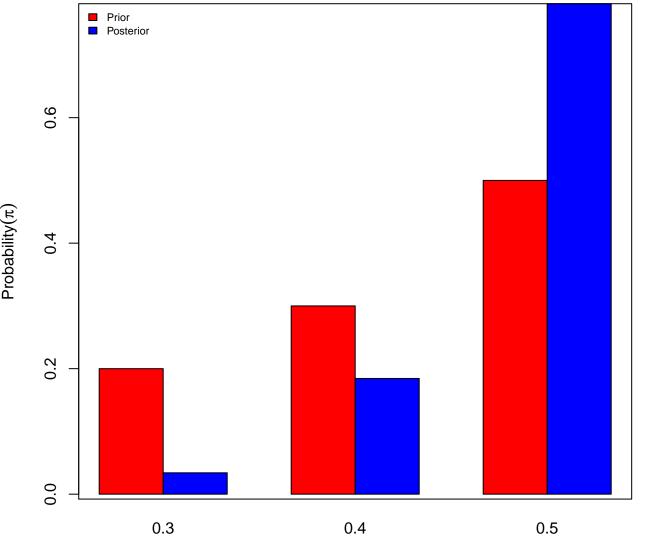




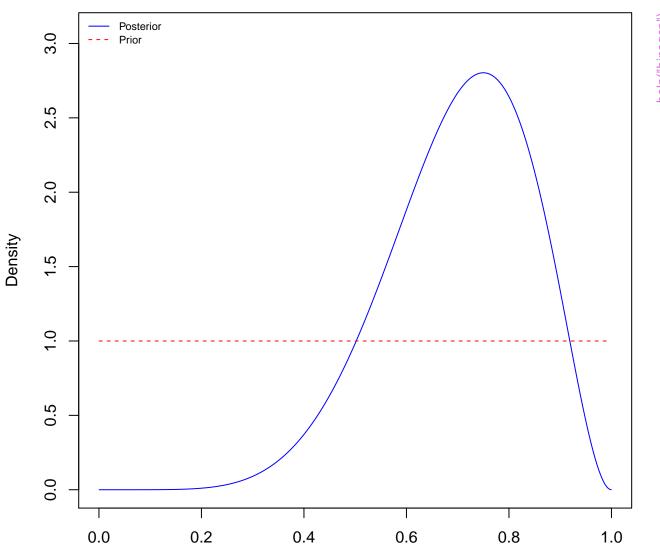


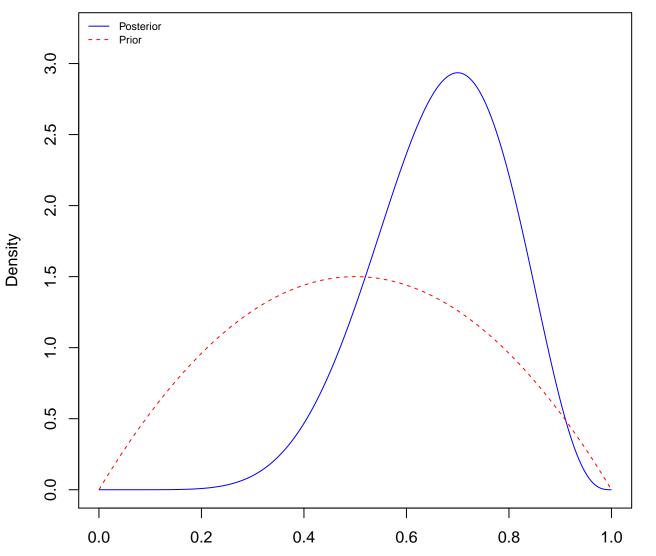


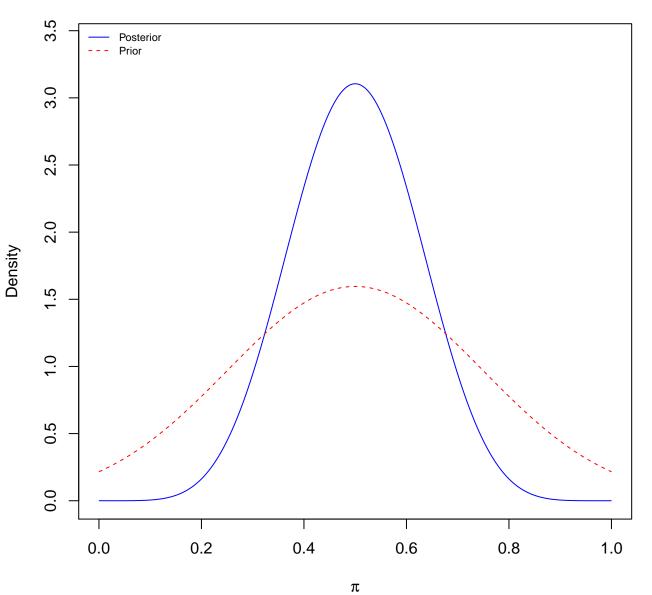


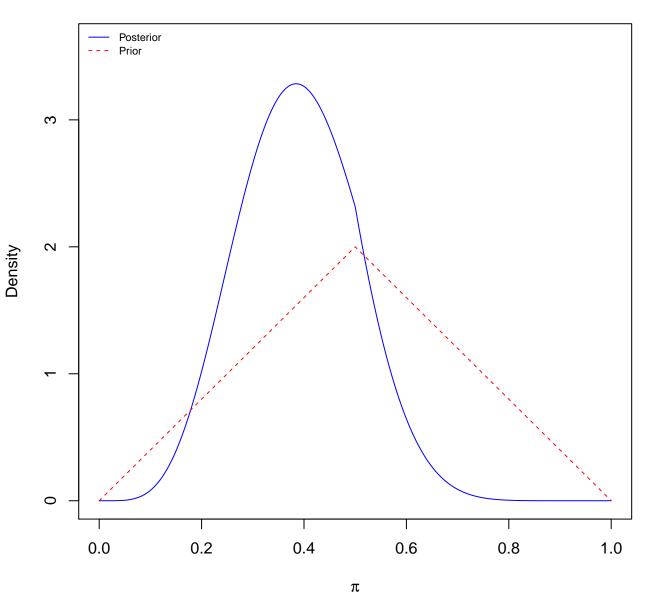


 $\boldsymbol{\pi}$



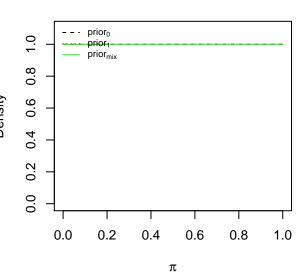




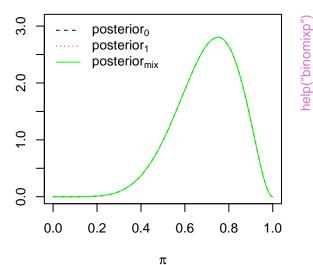


 $\pi_{0} \\$

Mixture prior and its components

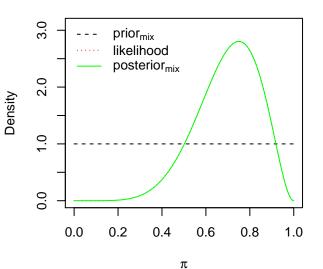


Mixture posterior and its components

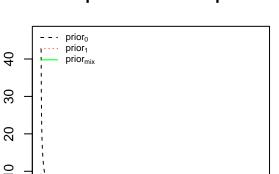


Density

Mixture prior, likelihood and mixture poster



Mixture prior and its components



4

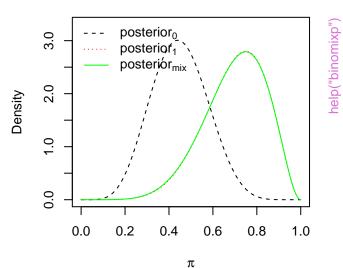
9

0

0.0

0.2

Mixture posterior and its components



Mixture prior, likelihood and mixture poster

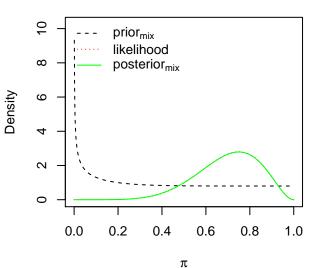
π

0.4

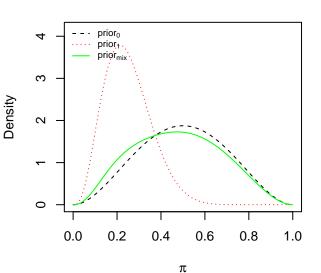
0.6

8.0

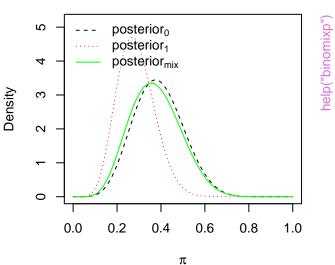
1.0



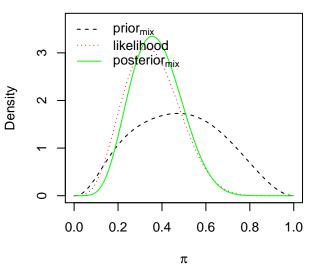
Mixture prior and its components

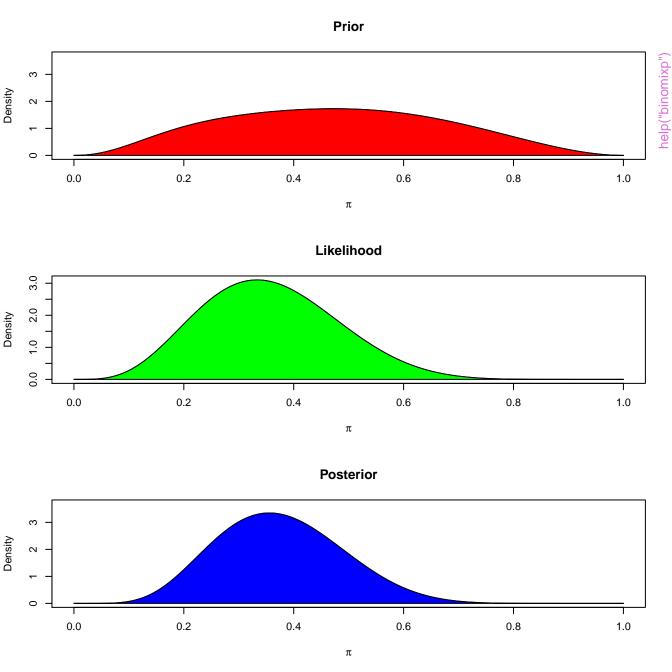


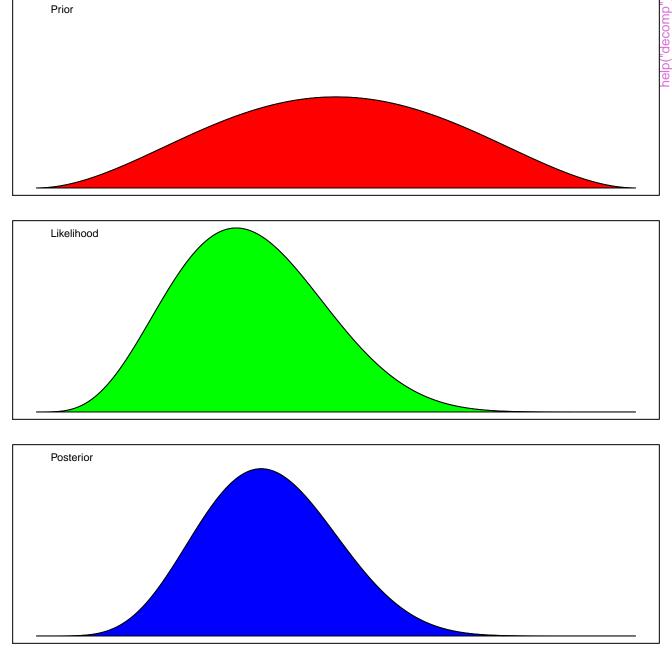
Mixture posterior and its components

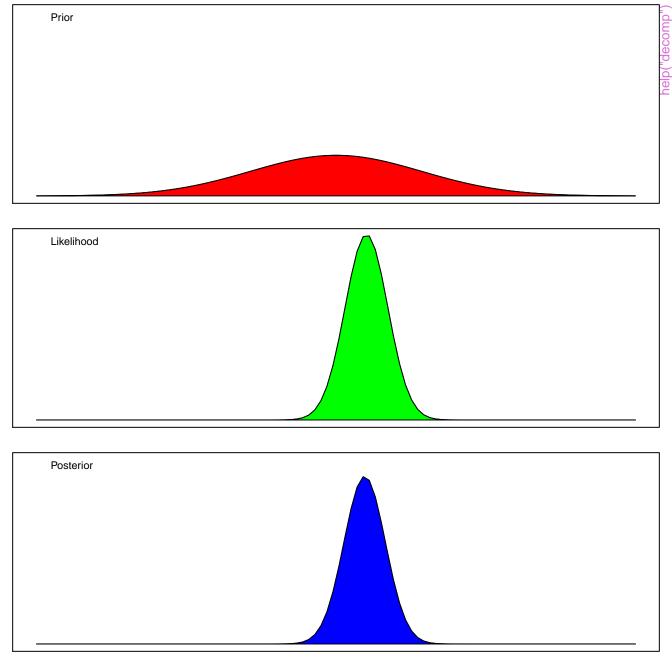


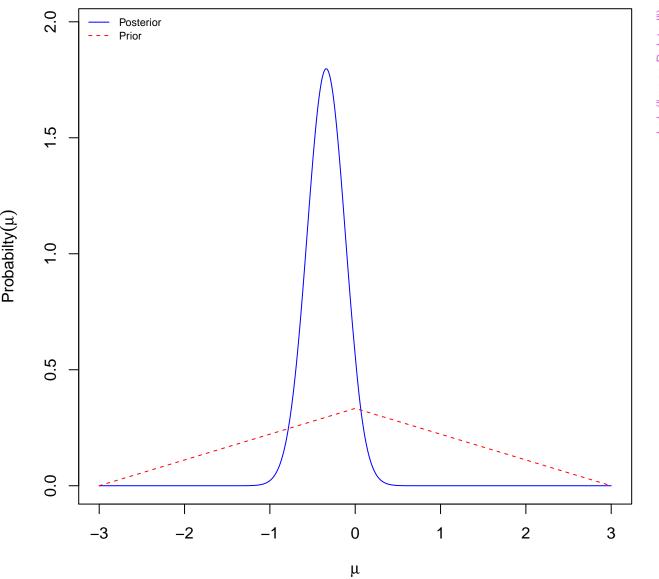
Mixture prior, likelihood and mixture poster



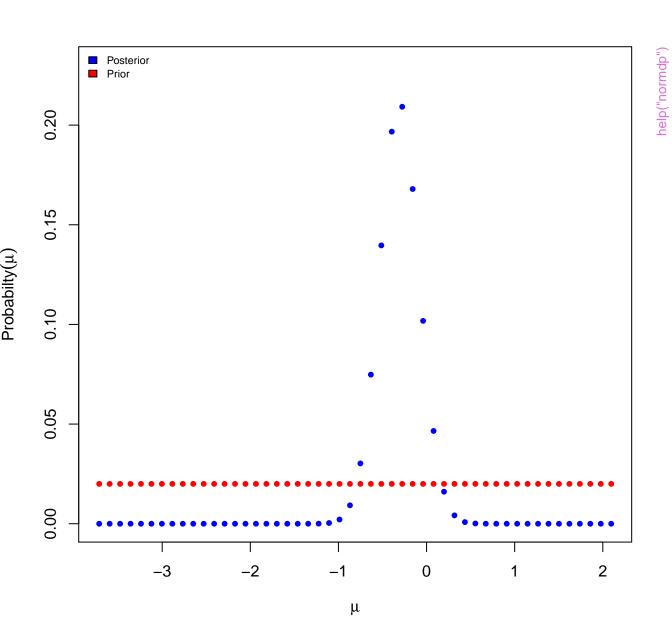


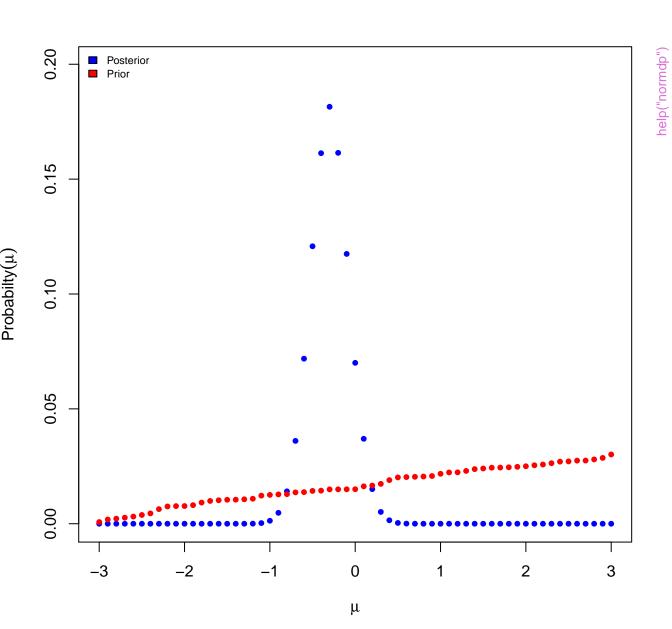


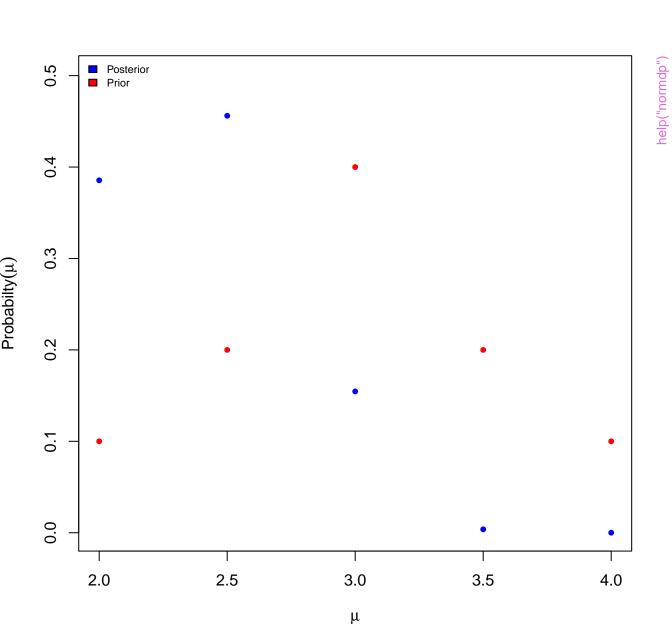


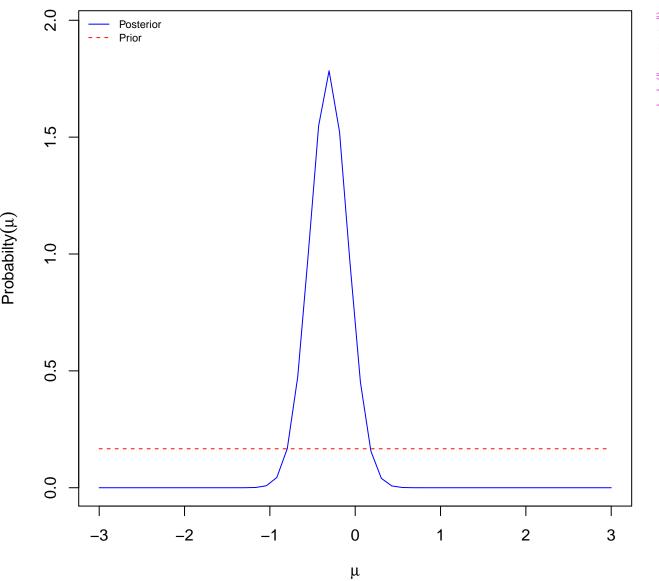


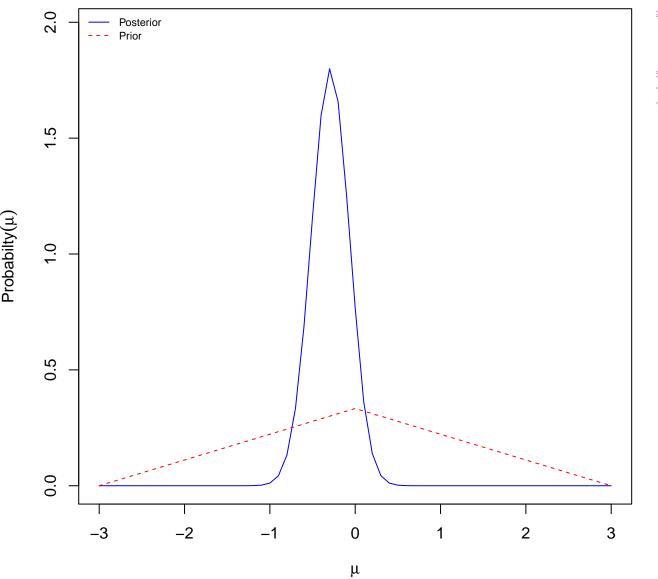
proc.level

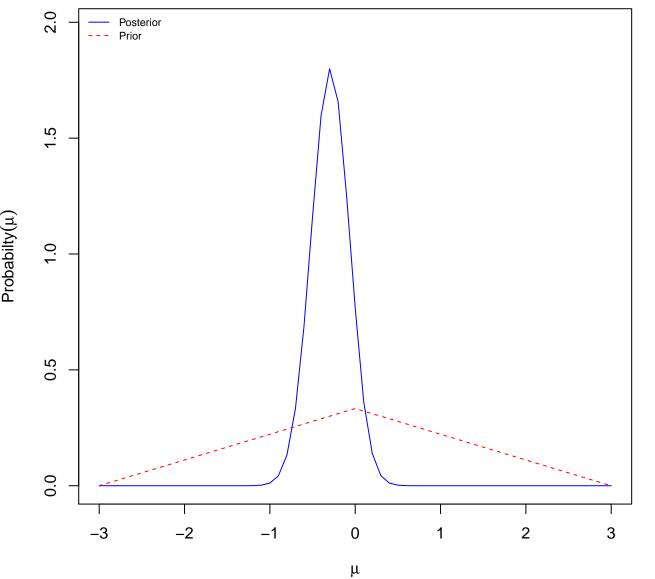


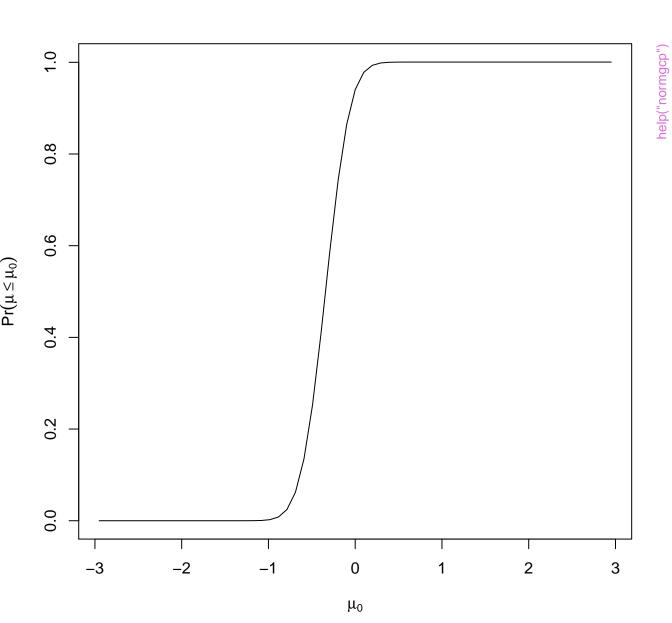


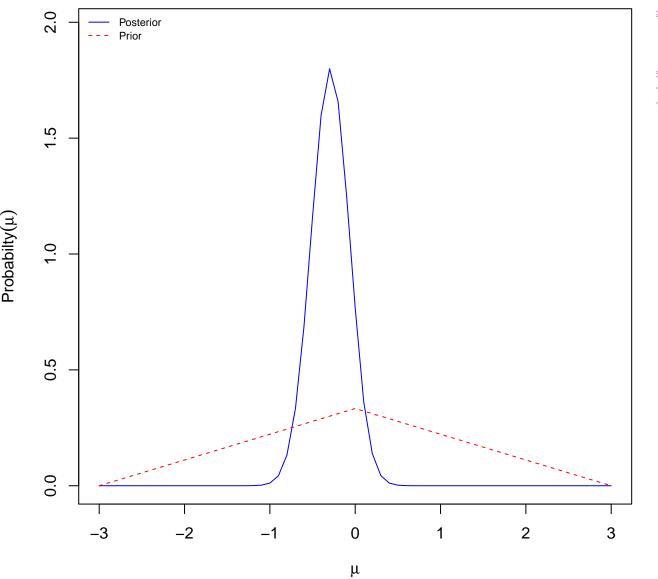


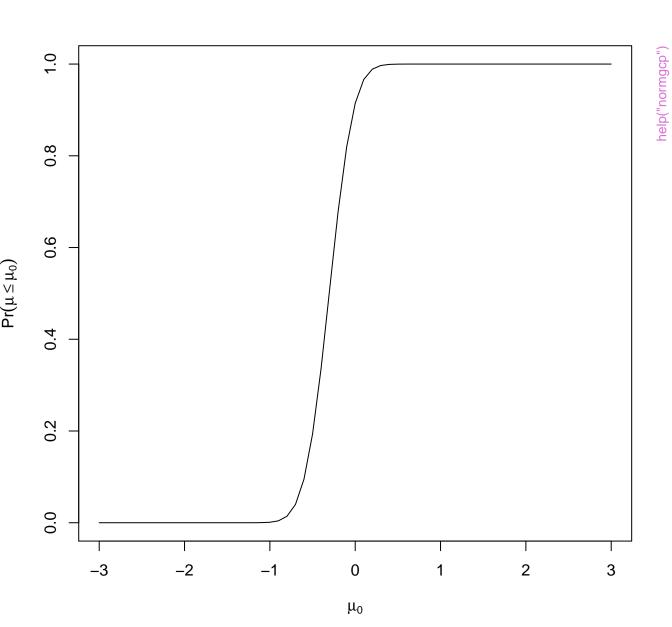




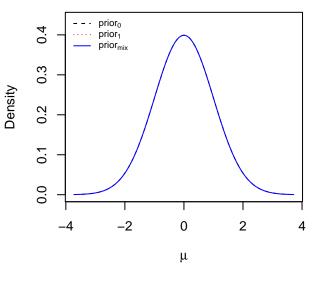




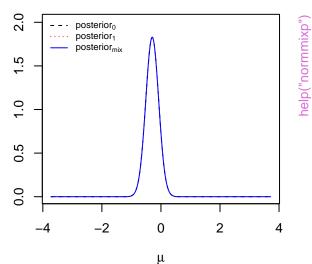




Mixture prior and it's components

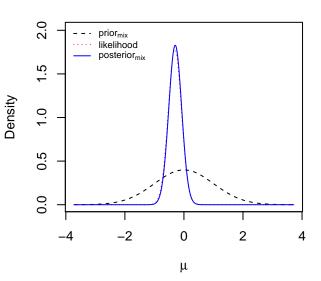


Mixture posterior and it's components

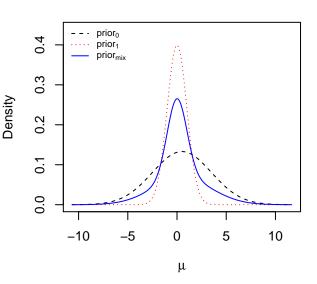


Density

Mixture prior, likelihood and mixture poster

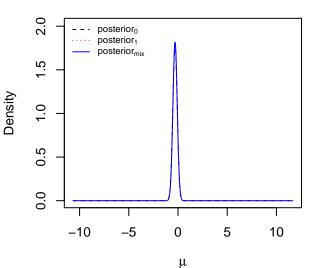


Mixture prior and it's components

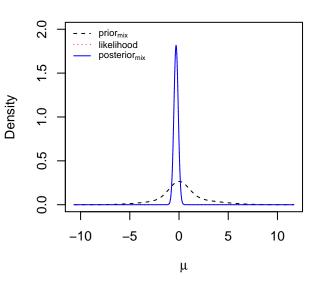


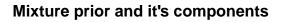
Mixture posterior and it's components

help("normmixp")

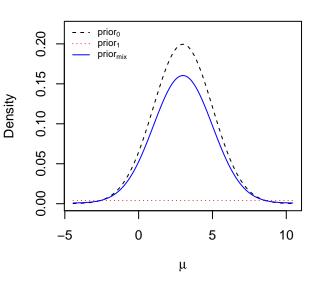


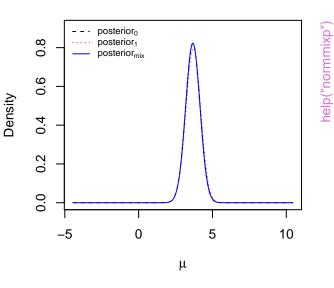
Mixture prior, likelihood and mixture poster



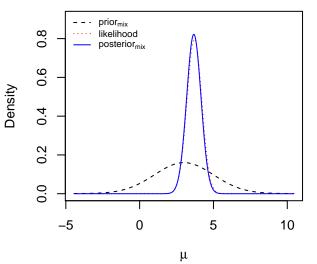


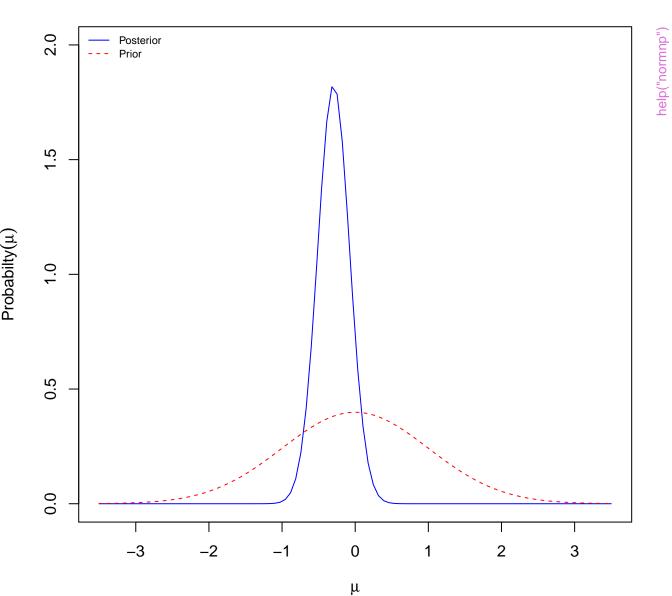
Mixture posterior and it's components

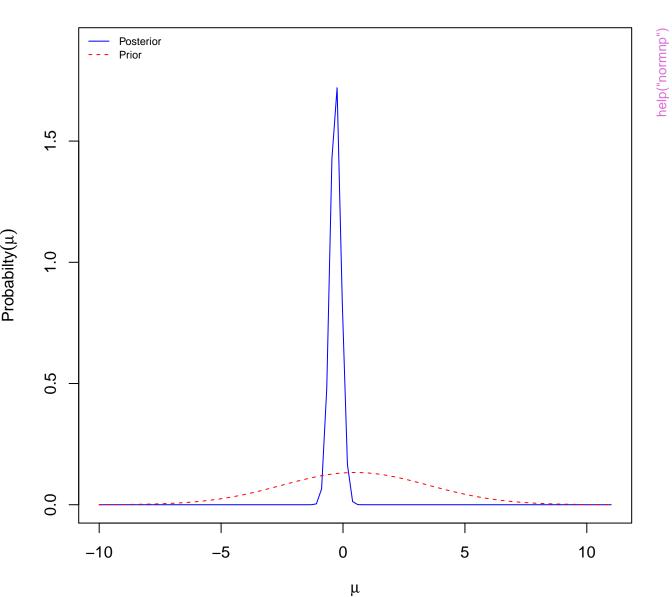


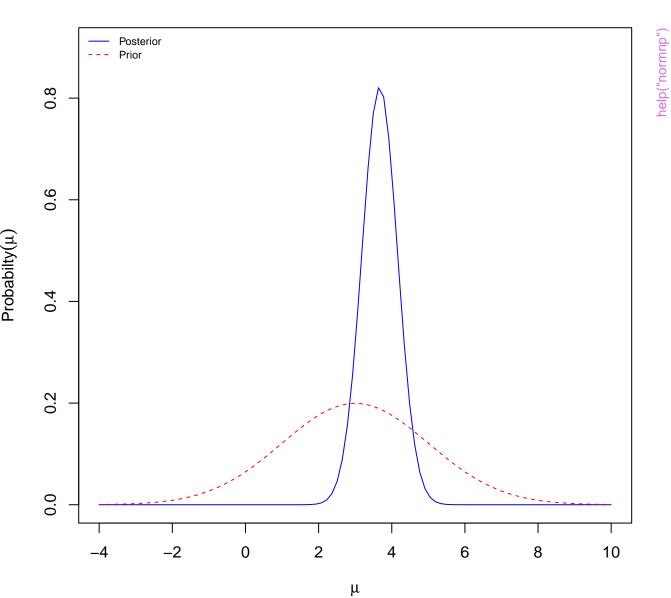


Mixture prior, likelihood and mixture poster

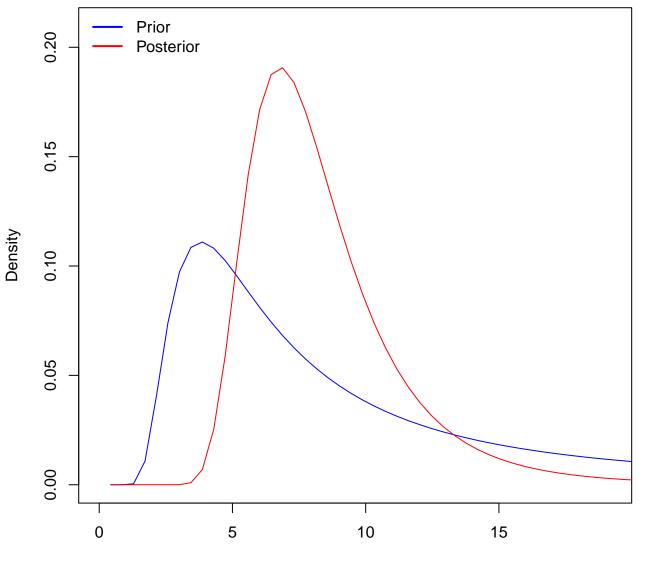






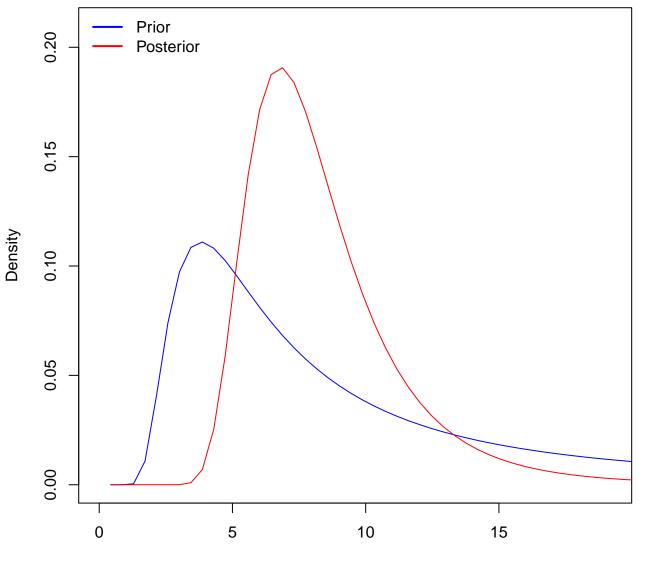




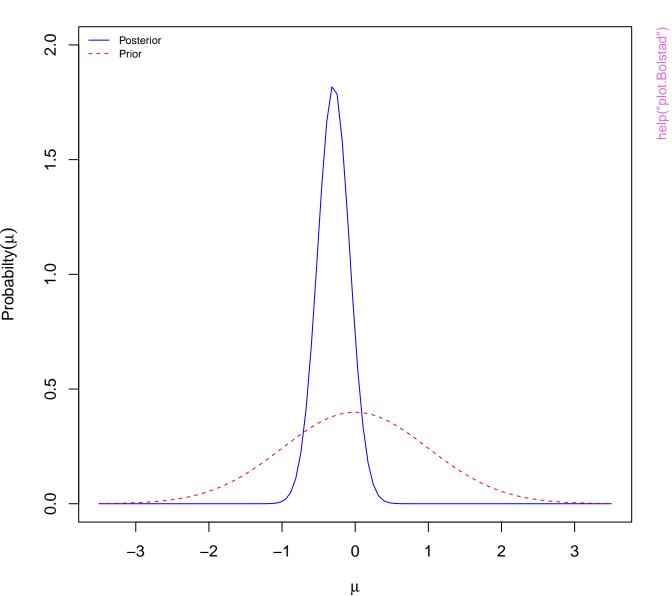


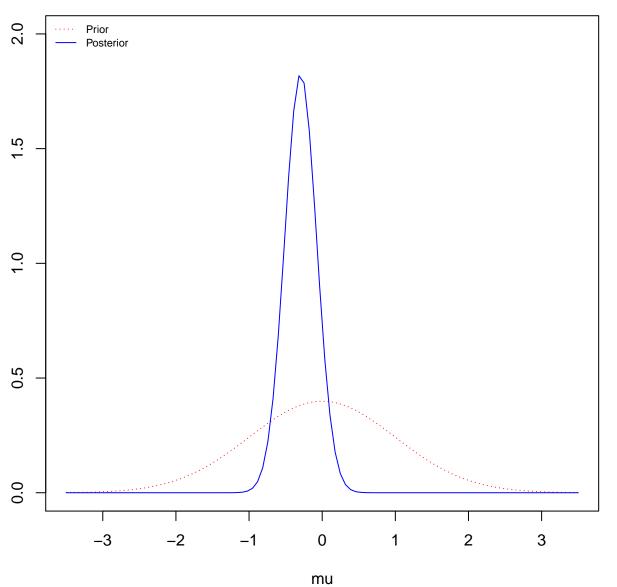
σ

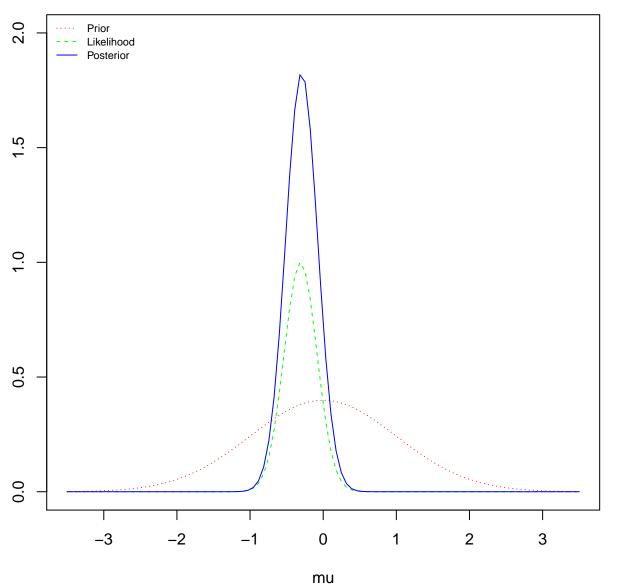


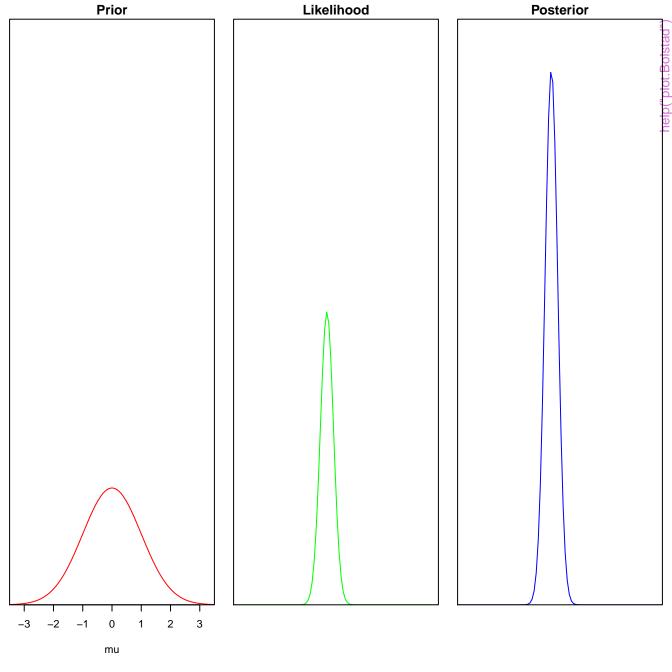


σ

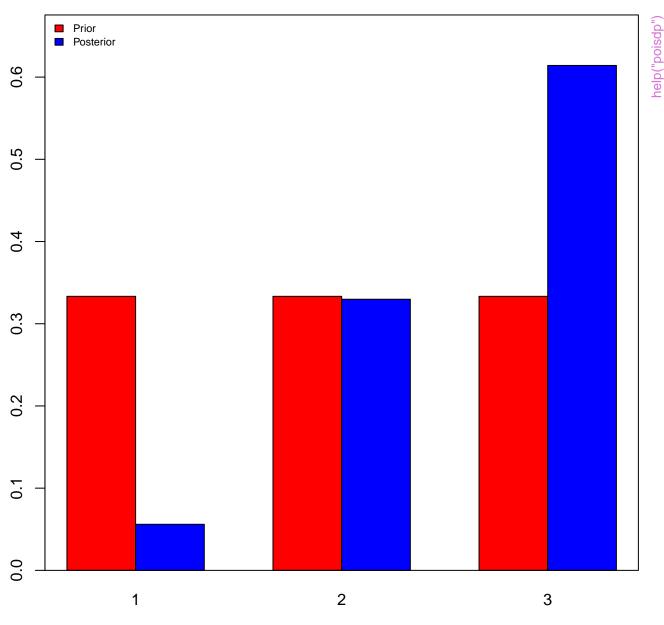




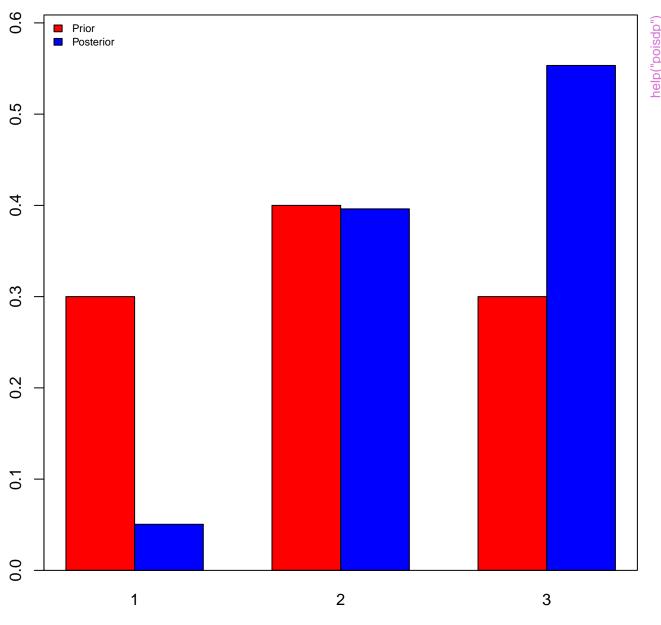




Prior and posterior probability for $\boldsymbol{\mu}$ given the data \boldsymbol{y}

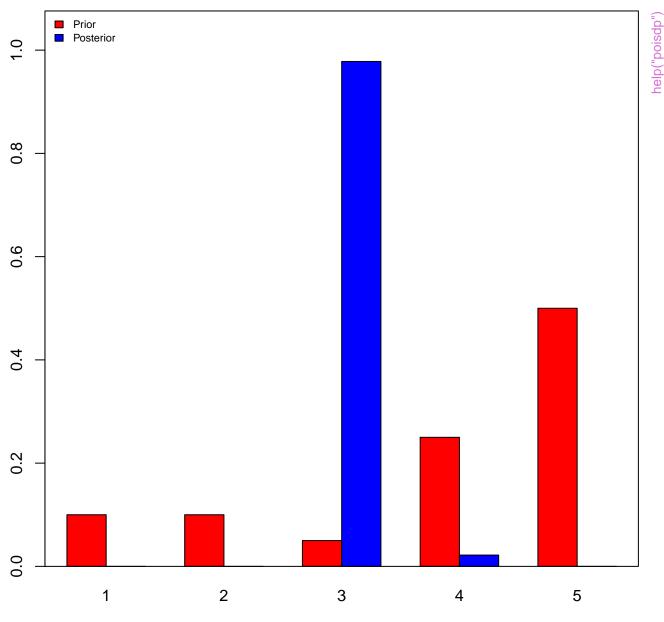


Prior and posterior probability for $\boldsymbol{\mu}$ given the data y

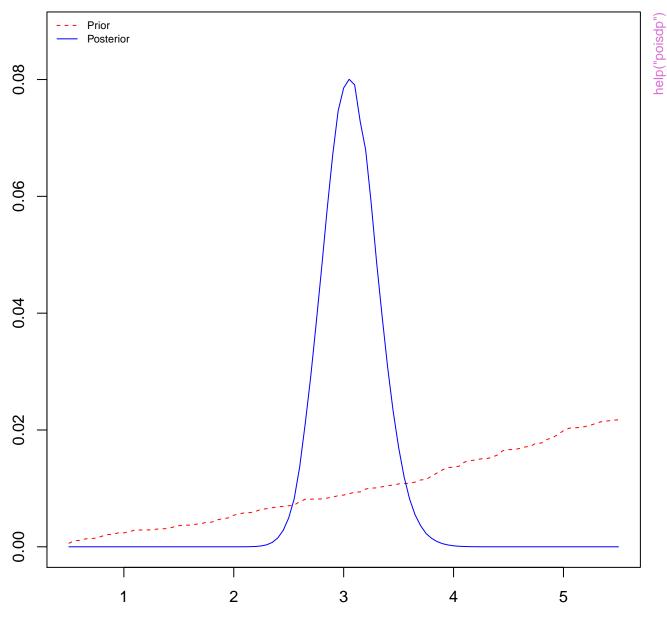


Prior and posterior probability for $\boldsymbol{\mu}$ given the data \boldsymbol{y} 0.012 help("poisdp") Prior Posterior 0.010 0.008 900.0 0.004 0.002 0.000 2 6 8

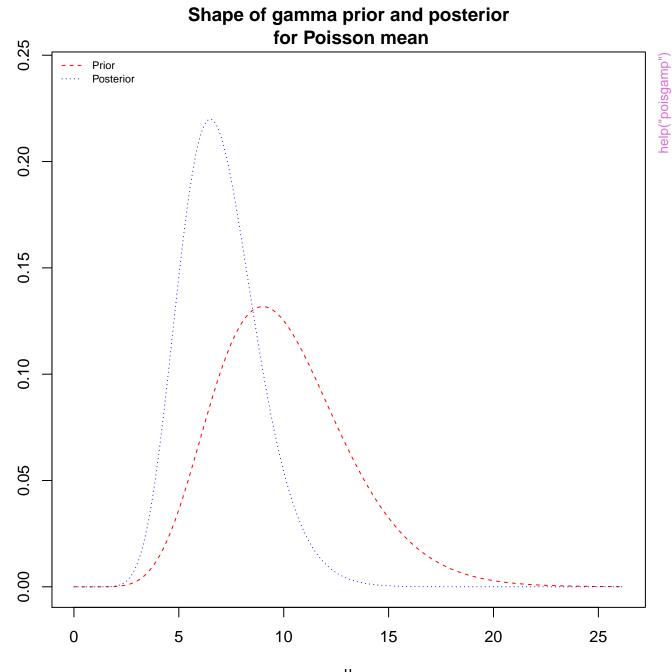
Prior and posterior probability for $\boldsymbol{\mu}$ given the data y



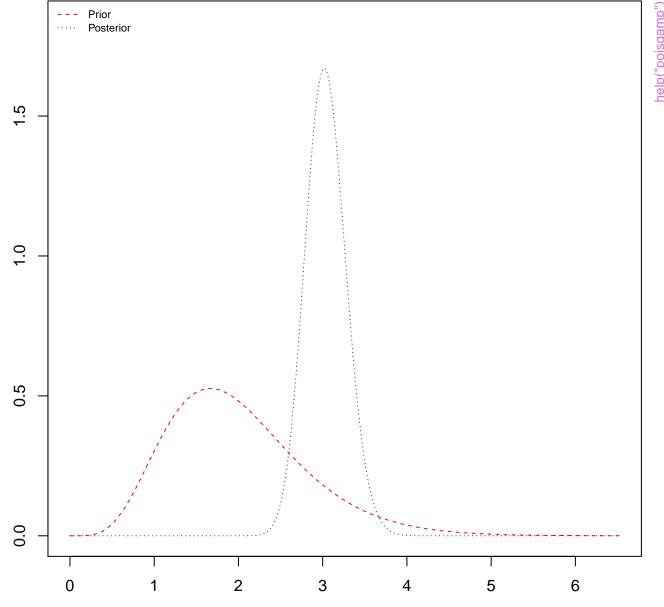
Prior and posterior probability for $\boldsymbol{\mu}$ given the data y



Shape of gamma prior and posterior for Poisson mean Prior Posterior 2 6 8

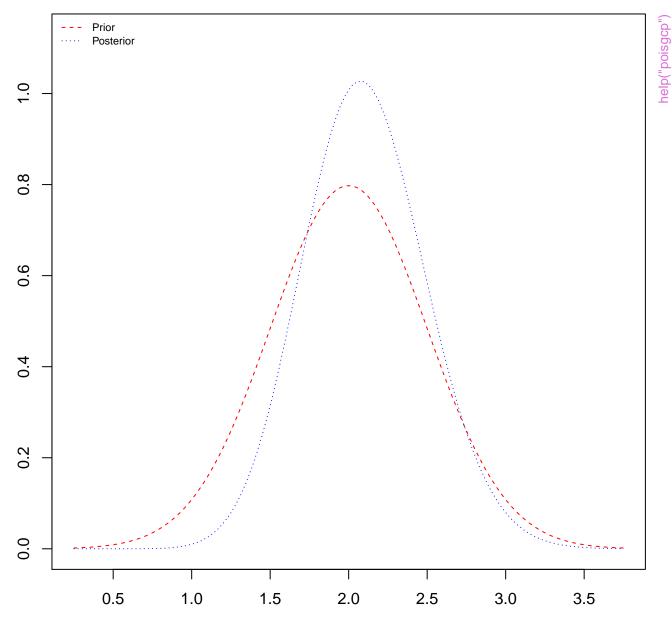


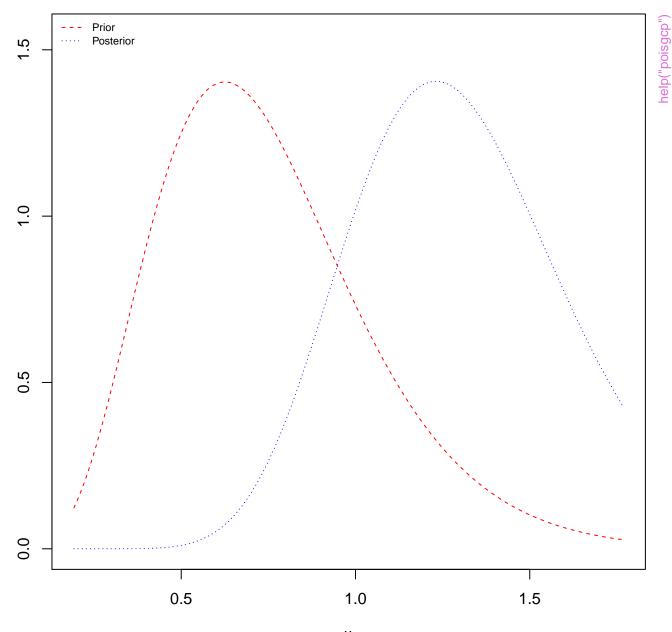
Shape of gamma prior and posterior for Poisson mean Prior Posterior 0.20 0.15 5 10 15 Shape of gamma prior and posterior for Poisson mean

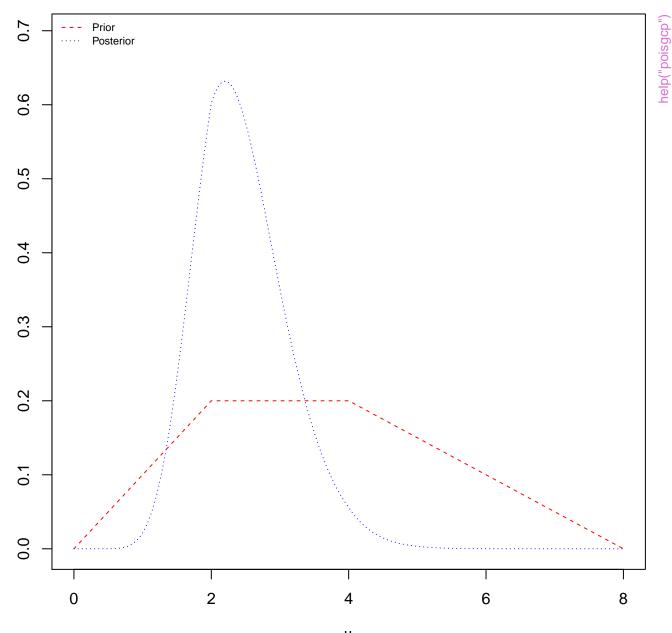


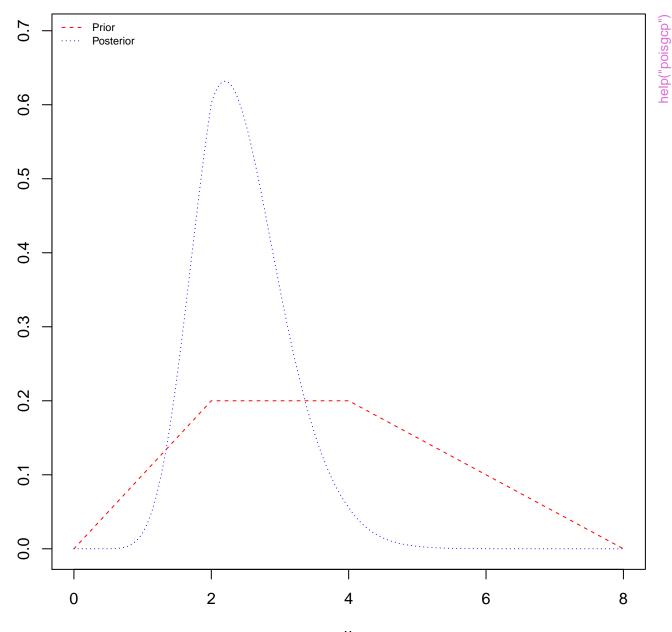
Shape of gamma prior and posterior for Poisson mean Prior Posterior 0.4 3 2 5 6

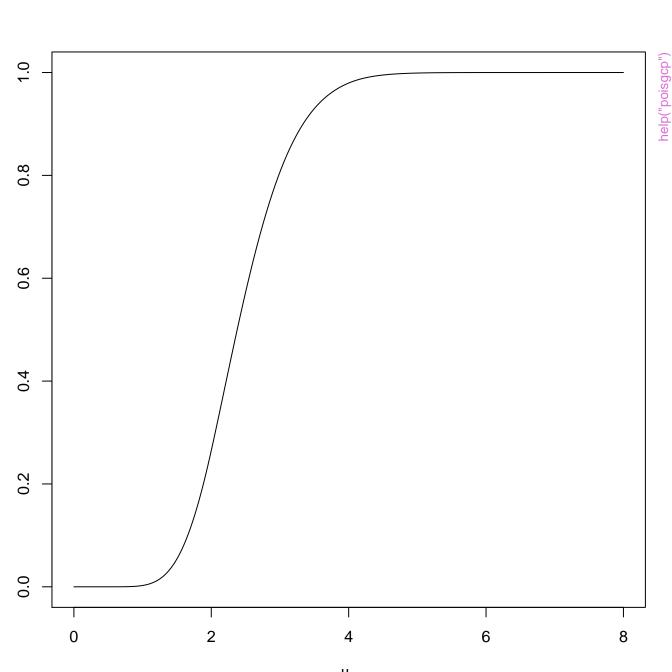
Shape of gamma prior and posterior for Poisson mean Prior Posterior 0.4 3 2 5 6

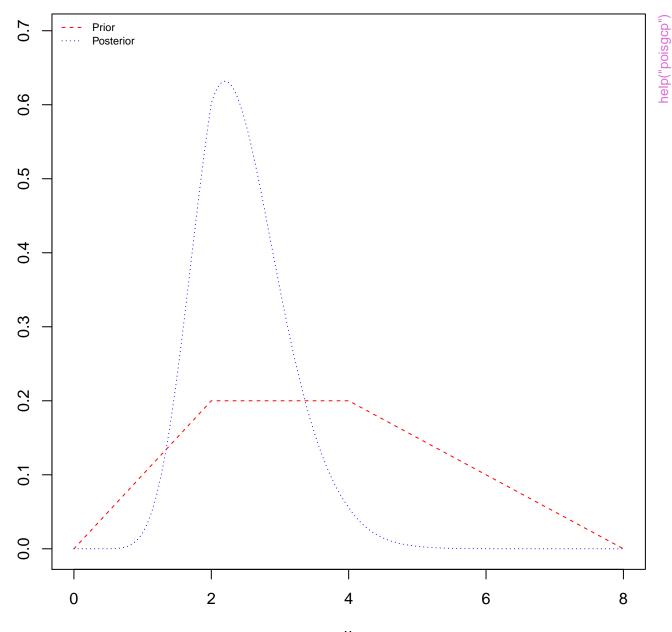


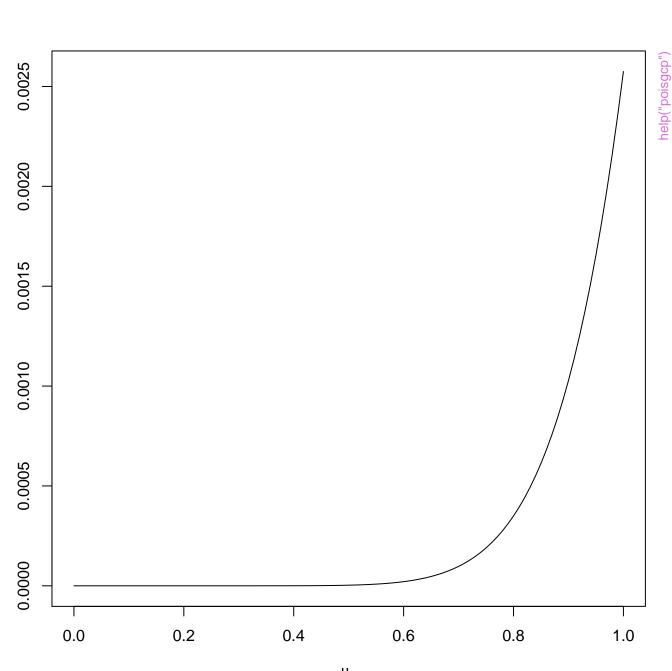


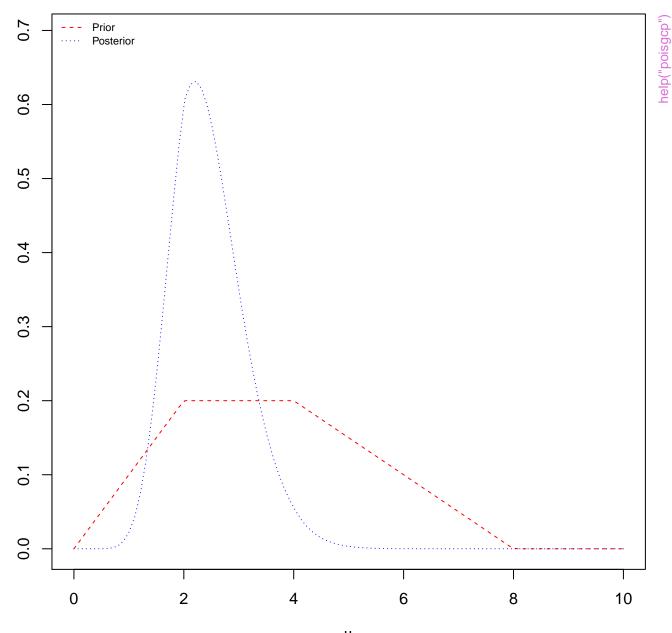


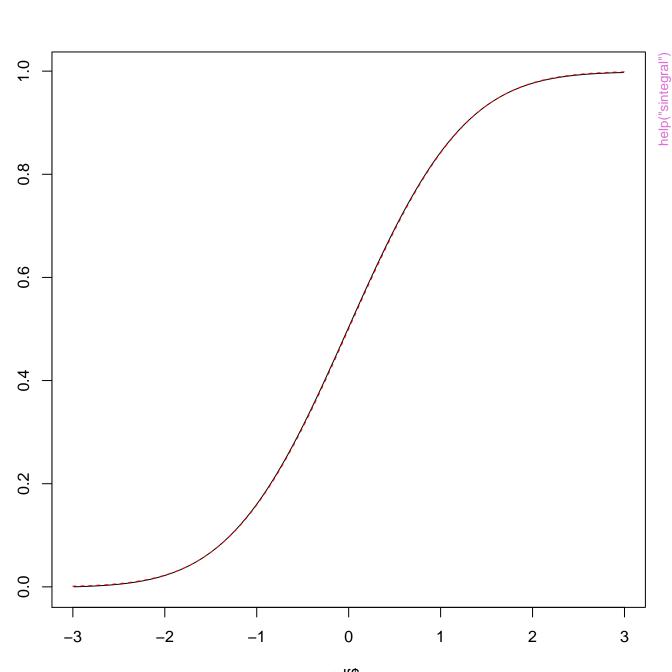


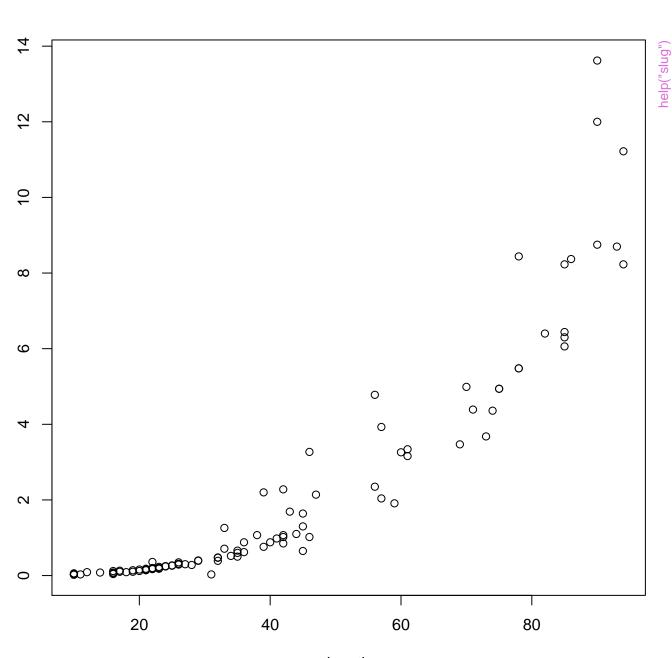


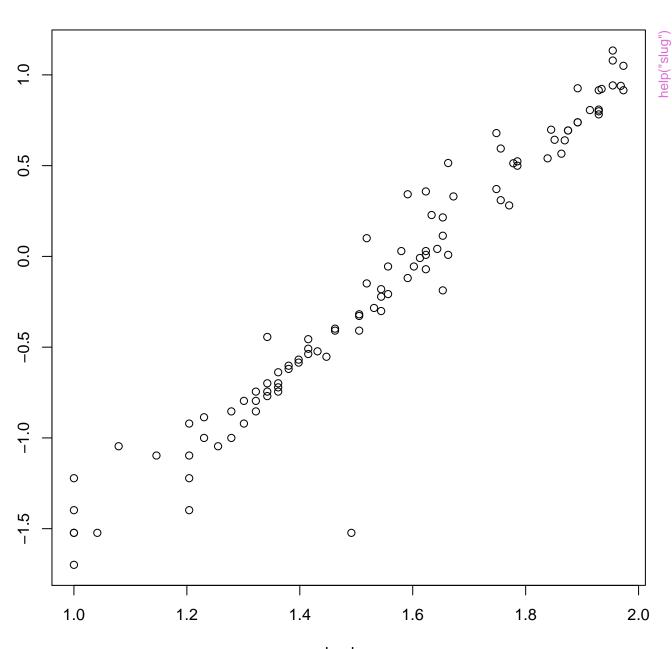


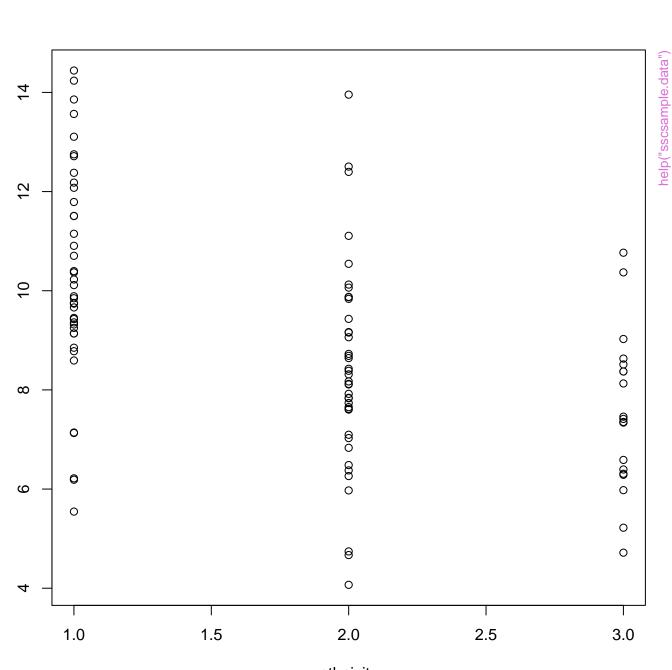


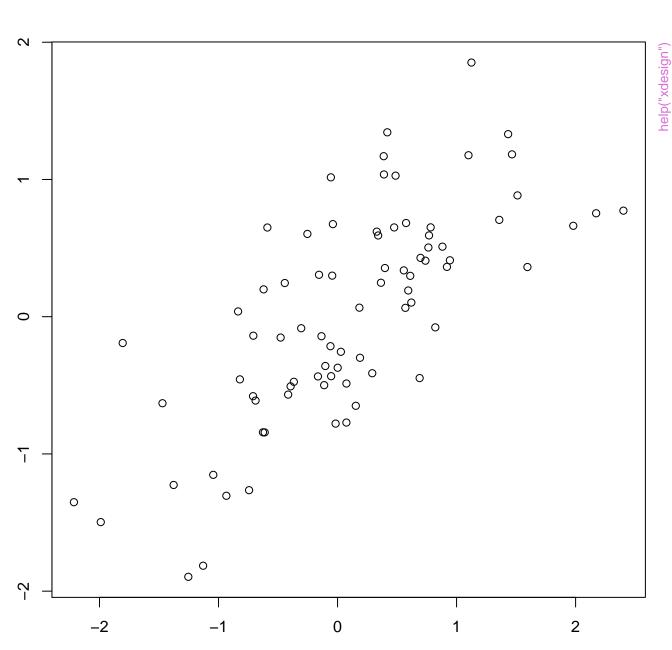




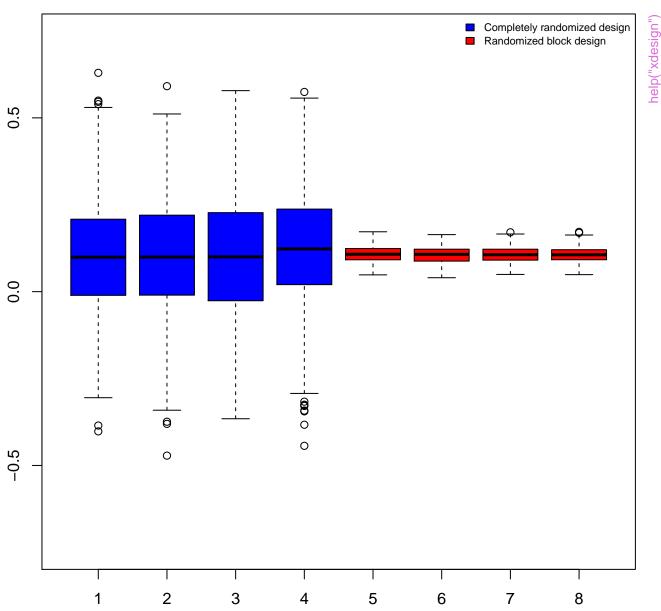




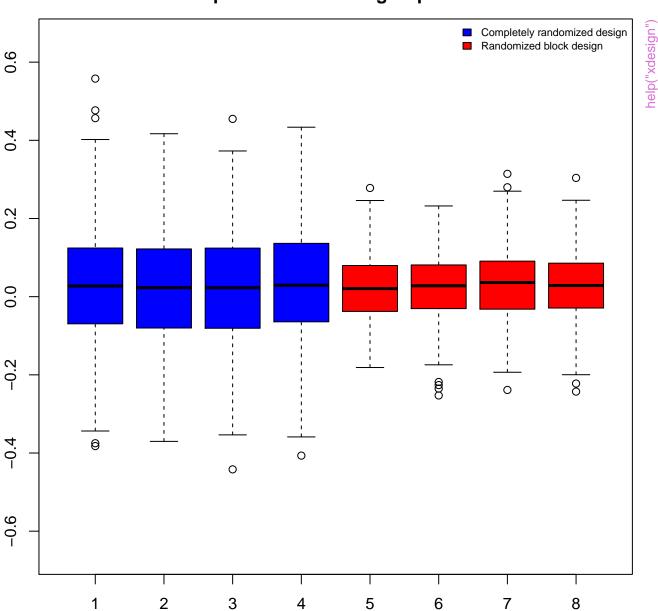


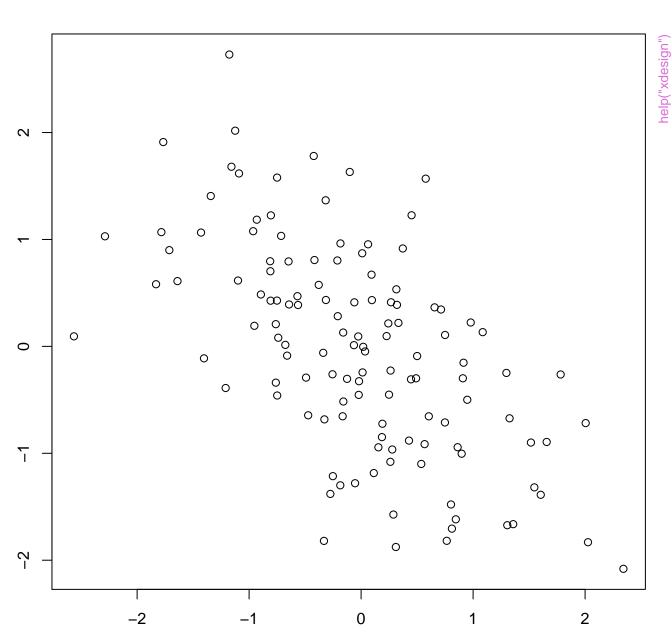


Boxplots of Lurking/Blocking variable group means

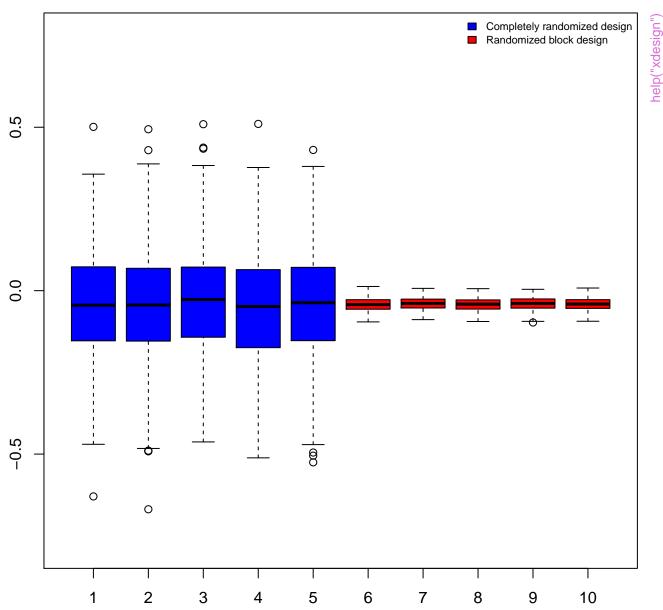


Boxplots of treatment group means





Boxplots of Lurking/Blocking variable group means



Boxplots of treatment group means

