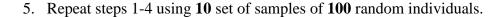
Methods in Experimental Ecology II (PCB 6468) Exercise 2 - Averages Due January 29, 2016

Using the script Averages in Jags.R, calculate for ${\bf 10}$ sets of samples of ${\bf 10}$ random individuals:

- 1. Mean height using *frequentist* estimates.
- 2. Mean height using *Bayesian* estimates with *uninformed* priors.
- 3. Mean height using *Bayesian* estimates with the same *informed* priors as shown in class.
- 4. Obtain the *confidence and credibility intervals* of each estimate.



- 6. Present and plot all your results in an informative way.
- 7. Discuss the differences between approaches with small and large sample sizes.

NOTE1: Remember to use the same data to compare approaches for each set, but to change it between sets.

NOTE2: Please submit your paper as a single word document. Remember to include your raw data and all the appropriate R code as appendices at the end.

