



(a) Graph of time shifted temperature data. (b) Distribution of the correlations generated during sampling
 t - temperature at time of recording

Figure 1

Figure 1 (a) shows the data as it was recorded at time t against a time shifted ($t+1$) version of that same data. This is done to see if a previous years temperature can be show with this data to not be independent. The correlation of the data sampled 10000 times randomly without replacement is show in the histogram (Fig. 1 (b)). Looking at the distribution, that there is little correlation between the randomly sampled data.