

Autocorrelation in Weather

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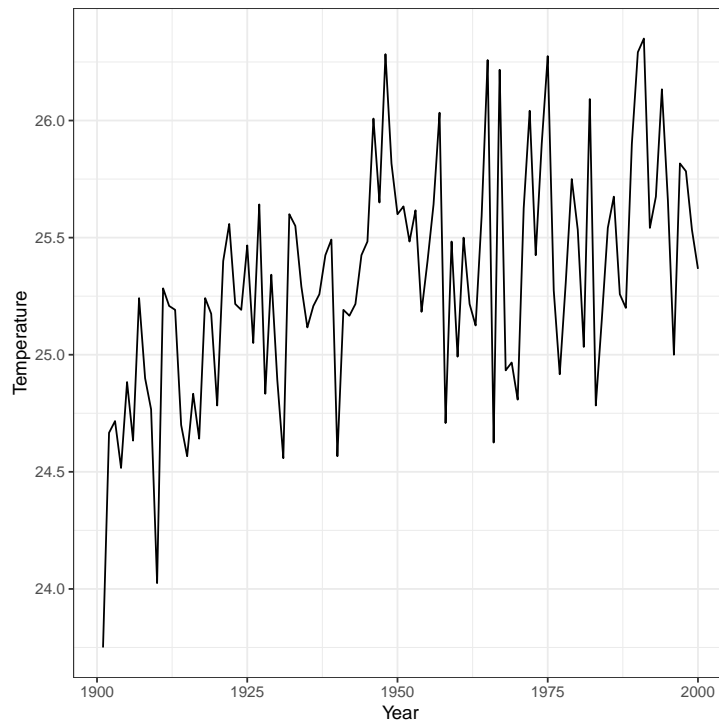
1 p-value and Interpretation

The p-value is:

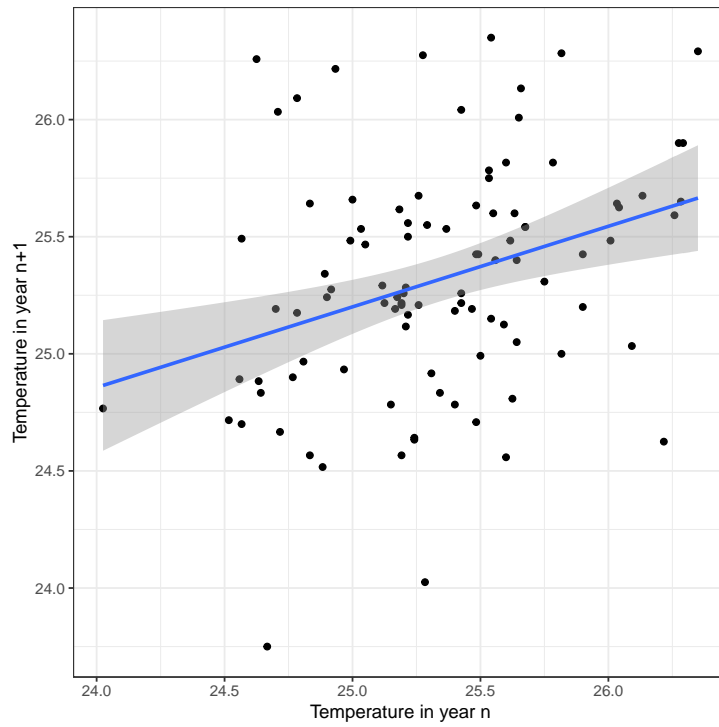
[1] 6e-04

Therefore, there is a significant correlation between the temperatures in one year compared to the next year. This is a weak positive correlation(0.326).

2 Temperature Change between 1900 and 2000



3 Temperature Change between year n and year $n+1$



4 Correlation Coefficient Density

