

Florida Correlation Result

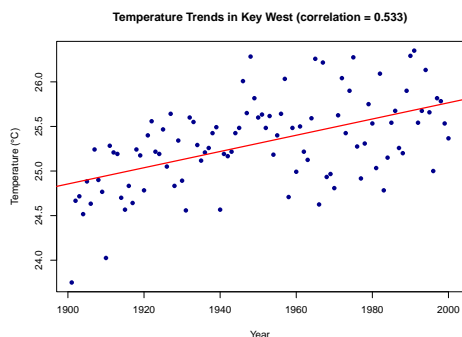


Fig. 1. Key West annual temperature trends with linear regression (1901-2000)

RESULT EXPLANATION

The analysis shows a positive correlation between the two variables, with $p = 0.5332$. The p -value is 0, which means the result is statistically significant. In other words, the observed relationship is very unlikely to have happened by chance.

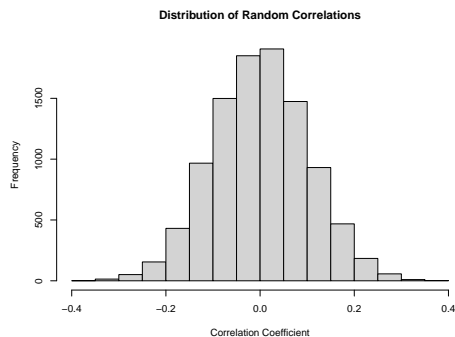


Fig. 2. Distribution of random correlations from permutation test

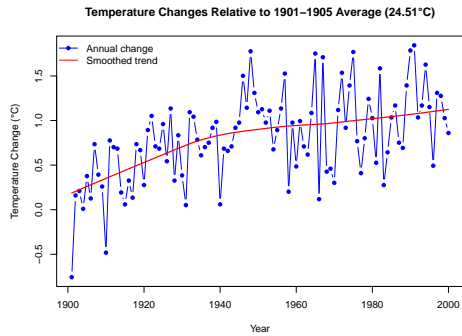


Fig. 3. Temperature changes relative to 1901-1905 baseline