

Key West Annual Mean Temperature

Jacob Cook

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Abstract

P-value test of correlation of temperatures. P-value was found to be 0.0004 so it seemed reasonable to reject the null hypothesis

1 Introduction

We were considering the correlation between temperatures in successive years. This is difficult as you cannot simply compare successive years as they are not independent. We instead compared pairs of successive years vs randomly sampled years.

2 Conclusion

This lead to a p value of 0.0004 which suggests that temperatures are indeed correlated.