**Testing for Statistical Significance: Spearman’s Rank for Correlation Coefficient**

A type of statistical test you could use is Spearman’s Rank for Correlation Coefficient. This test looks at whether there is a statistically significant relationship between two variables.

**Calculate Spearman’s Rank by following this equation:** 

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sites** | **Variable 1:**  | **Rank** | **Variable 2:** | **Rank** | **Difference** | **Difference Squared** |
| 1. Chevron |  |  |  |  |  |  |
| 2. Cathedral |  |  |  |  |  |  |
| 3. Toyota Centre |  |  |  |  |  |  |
| 4. Discovery Green |  |  |  |  |  |  |
| 5. Minute Maid Park |  |  |  |  |  |  |
| 6. Jail District |  |  |  |  |  |  |
| 7. Chase Tower |  |  |  |  |  |  |
| 8. Green St |  |  |  |  |  |  |
| 9. City Hall |  |  |  |  |  |  |
|  |  |  |  |  |  | Total of difference squared: |