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These are tests using 1451 earthquakes to determine if there is a significant difference between the expected number of earthquakes per sign when compared to actual number of earthquakes that actually occurred.

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| Moon Sign |  |

## Chi-square test results

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| **P value and statistical significance:**  Chi squared equals 100.312 with 11 degrees of freedom.  The two-tailed P value is less than 0.0001  By conventional criteria, this difference is considered to be extremely statistically significant.  The P value answers this question: If the theory that generated the expected values were correct, what is the probability of observing such a large discrepancy (or larger) between observed and expected values? A small P value is evidence that the data are not sampled from the distribution you expected.  **Review your data:** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Row # | Category | Observed | Expected # | Expected |
| 1 | A | 68 | 120.91183 | 8.333% |
| 2 | T | 115 | 120.91183 | 8.333% |
| 3 | G | 97 | 120.91183 | 8.333% |
| 4 | C | 105 | 120.91183 | 8.333% |
| 5 | L | 121 | 120.91183 | 8.333% |
| 6 | V | 150 | 120.91183 | 8.333% |
| 7 | LI | 199 | 120.91183 | 8.333% |
| 8 | S | 145 | 120.91183 | 8.333% |
| 9 | SA | 95 | 120.91183 | 8.333% |
| 10 | CA | 128 | 120.91183 | 8.333% |
| 11 | AQ | 122 | 120.91183 | 8.333% |
| 12 | P | 106 | 120.91183 | 8.333% |

For sun/house

## Chi-square test results

|  |
| --- |
| **P value and statistical significance:**  Chi squared equals 15.287 with 11 degrees of freedom.  The two-tailed P value equals 0.1697  By conventional criteria, this difference is considered to be not statistically significant.  The P value answers this question: If the theory that generated the expected values were correct, what is the probability of observing such a large discrepancy (or larger) between observed and expected values? A small P value is evidence that the data are not sampled from the distribution you expected.  **Review your data:** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Row # | Category | Observed | Expected # | Expected |
| 1 | A | 136 | 121.07849 | 8.333% |
| 2 | T | 136 | 121.07849 | 8.333% |
| 3 | G | 136 | 121.07849 | 8.333% |
| 4 | C | 127 | 121.07849 | 8.333% |
| 5 | L | 125 | 121.07849 | 8.333% |
| 6 | V | 123 | 121.07849 | 8.333% |
| 7 | LI | 112 | 121.07849 | 8.333% |
| 8 | S | 104 | 121.07849 | 8.333% |
| 9 | SA | 120 | 121.07849 | 8.333% |
| 10 | CA | 123 | 121.07849 | 8.333% |
| 11 | AQ | 117 | 121.07849 | 8.333% |
| 12 | P | 94 | 121.07849 | 8.333% |

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Ascendant sign

## Chi-square test results

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| --- |
| **P value and statistical significance:**  Chi squared equals 54.650 with 11 degrees of freedom.  The two-tailed P value is less than 0.0001  By conventional criteria, this difference is considered to be extremely statistically significant.  The P value answers this question: If the theory that generated the expected values were correct, what is the probability of observing such a large discrepancy (or larger) between observed and expected values? A small P value is evidence that the data are not sampled from the distribution you expected.  **Review your data:** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Row # | Category | Observed | Expected # | Expected |
| 1 | A | 105 | 121.07849 | 8.333% |
| 2 | T | 95 | 121.07849 | 8.333% |
| 3 | G | 126 | 121.07849 | 8.333% |
| 4 | C | 117 | 121.07849 | 8.333% |
| 5 | L | 126 | 121.07849 | 8.333% |
| 6 | V | 118 | 121.07849 | 8.333% |
| 7 | LI | 161 | 121.07849 | 8.333% |
| 8 | S | 159 | 121.07849 | 8.333% |
| 9 | SA | 148 | 121.07849 | 8.333% |
| 10 | CA | 115 | 121.07849 | 8.333% |
| 11 | AQ | 86 | 121.07849 | 8.333% |
| 12 | P | 97 | 121.07849 | 8.333% |

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## Moon/house

## Chi-square test results

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| **P value and statistical significance:**  Chi squared equals 20.209 with 11 degrees of freedom.  The two-tailed P value equals 0.0426  By conventional criteria, this difference is considered to be statistically significant.  The P value answers this question: If the theory that generated the expected values were correct, what is the probability of observing such a large discrepancy (or larger) between observed and expected values? A small P value is evidence that the data are not sampled from the distribution you expected.  **Review your data:** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Row # | Category | Observed | Expected # | Expected |
| 1 | A | 121 | 121.07849 | 8.333% |
| 2 | T | 116 | 121.07849 | 8.333% |
| 3 | G | 108 | 121.07849 | 8.333% |
| 4 | C | 108 | 121.07849 | 8.333% |
| 5 | L | 99 | 121.07849 | 8.333% |
| 6 | V | 136 | 121.07849 | 8.333% |
| 7 | LI | 128 | 121.07849 | 8.333% |
| 8 | S | 117 | 121.07849 | 8.333% |
| 9 | SA | 142 | 121.07849 | 8.333% |
| 10 | CA | 103 | 121.07849 | 8.333% |
| 11 | AQ | 137 | 121.07849 | 8.333% |
| 12 | P | 138 | 121.07849 | 8.333% |

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Mercury by House

## Chi-square test results

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| **P value and statistical significance:**  Chi squared equals 11.981 with 11 degrees of freedom.  The two-tailed P value equals 0.3651  By conventional criteria, this difference is considered to be not statistically significant.  **Review your data:** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Row # | Category | Observed | Expected # | Expected |
| 1 | 1 | 120 | 120.16186 | 8.333% |
| 2 | 2 | 147 | 120.16186 | 8.333% |
| 3 | 3 | 131 | 120.16186 | 8.333% |
| 4 | 4 | 117 | 120.16186 | 8.333% |
| 5 | 5 | 121 | 120.16186 | 8.333% |
| 6 | 6 | 127 | 120.16186 | 8.333% |
| 7 | 7 | 108 | 120.16186 | 8.333% |
| 8 | 8 | 114 | 120.16186 | 8.333% |
| 9 | 9 | 115 | 120.16186 | 8.333% |
| 10 | 10 | 121 | 120.16186 | 8.333% |
| 11 | 11 | 119 | 120.16186 | 8.333% |
| 12 | 12 | 102 | 120.16186 | 8.333% |

Venus by House

## Chi-square test results

|  |
| --- |
| **P value and statistical significance:**  Chi squared equals 18.560 with 11 degrees of freedom.  The two-tailed P value equals 0.0695  By conventional criteria, this difference is considered to be not quite statistically significant.  **Review your data:** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Row # | Category | Observed | Expected # | Expected |
| 1 | 1 | 148 | 121.24515 | 8.333% |
| 2 | 2 | 140 | 121.24515 | 8.333% |
| 3 | 3 | 118 | 121.24515 | 8.333% |
| 4 | 4 | 126 | 121.24515 | 8.333% |
| 5 | 5 | 112 | 121.24515 | 8.333% |
| 6 | 6 | 108 | 121.24515 | 8.333% |
| 7 | 7 | 95 | 121.24515 | 8.333% |
| 8 | 8 | 112 | 121.24515 | 8.333% |
| 9 | 9 | 119 | 121.24515 | 8.333% |
| 10 | 10 | 125 | 121.24515 | 8.333% |
| 11 | 11 | 121 | 121.24515 | 8.333% |
| 12 | 12 | 131 | 121.24515 | 8.333% |

Mars by House

## Chi-square test results

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| **P value and statistical significance:**  Chi squared equals 26.341 with 11 degrees of freedom.  The two-tailed P value equals 0.0058  By conventional criteria, this difference is considered to be very statistically significant.  **Review your data:** |

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| --- | --- | --- | --- | --- |
| Row # | Category | Observed | Expected # | Expected |
| 1 | 1 | 114 | 120.91183 | 8.333% |
| 2 | 2 | 128 | 120.91183 | 8.333% |
| 3 | 3 | 137 | 120.91183 | 8.333% |
| 4 | 4 | 126 | 120.91183 | 8.333% |
| 5 | 5 | 128 | 120.91183 | 8.333% |
| 6 | 6 | 154 | 120.91183 | 8.333% |
| 7 | 7 | 132 | 120.91183 | 8.333% |
| 8 | 8 | 104 | 120.91183 | 8.333% |
| 9 | 9 | 120 | 120.91183 | 8.333% |
| 10 | 10 | 107 | 120.91183 | 8.333% |
| 11 | 11 | 111 | 120.91183 | 8.333% |
| 12 | 12 | 90 | 120.91183 | 8.333% |

Jupiter by House

## Chi-square test results

|  |
| --- |
| **P value and statistical significance:**  Chi squared equals 32.908 with 11 degrees of freedom.  The two-tailed P value equals 0.0005  By conventional criteria, this difference is considered to be extremely statistically significant.  **Review your data:** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Row # | Category | Observed | Expected # | Expected |
| 1 | 1 | 94 | 120.91183 | 8.333% |
| 2 | 2 | 103 | 120.91183 | 8.333% |
| 3 | 3 | 128 | 120.91183 | 8.333% |
| 4 | 4 | 112 | 120.91183 | 8.333% |
| 5 | 5 | 133 | 120.91183 | 8.333% |
| 6 | 6 | 157 | 120.91183 | 8.333% |
| 7 | 7 | 146 | 120.91183 | 8.333% |
| 8 | 8 | 111 | 120.91183 | 8.333% |
| 9 | 9 | 104 | 120.91183 | 8.333% |
| 10 | 10 | 112 | 120.91183 | 8.333% |
| 11 | 11 | 136 | 120.91183 | 8.333% |
| 12 | 12 | 115 | 120.91183 | 8.333% |

Saturn by House

## Chi-square test results

|  |
| --- |
| **P value and statistical significance:**  Chi squared equals 16.979 with 11 degrees of freedom.  The two-tailed P value equals 0.1085  By conventional criteria, this difference is considered to be not statistically significant.  **Review your data:** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Row # | Category | Observed | Expected # | Expected |
| 1 | 1 | 107 | 120.91183 | 8.333% |
| 2 | 2 | 105 | 120.91183 | 8.333% |
| 3 | 3 | 116 | 120.91183 | 8.333% |
| 4 | 4 | 105 | 120.91183 | 8.333% |
| 5 | 5 | 128 | 120.91183 | 8.333% |
| 6 | 6 | 124 | 120.91183 | 8.333% |
| 7 | 7 | 148 | 120.91183 | 8.333% |
| 8 | 8 | 129 | 120.91183 | 8.333% |
| 9 | 9 | 125 | 120.91183 | 8.333% |
| 10 | 10 | 107 | 120.91183 | 8.333% |
| 11 | 11 | 137 | 120.91183 | 8.333% |
| 12 | 12 | 120 | 120.91183 | 8.333% |

Uranus by House

## Chi-square test results

|  |
| --- |
| **P value and statistical significance:**  Chi squared equals 21.031 with 11 degrees of freedom.  The two-tailed P value equals 0.0330  By conventional criteria, this difference is considered to be statistically significant.  **Review your data:** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Row # | Category | Observed | Expected # | Expected |
| 1 | 1 | 117 | 120.91183 | 8.333% |
| 2 | 2 | 131 | 120.91183 | 8.333% |
| 3 | 3 | 137 | 120.91183 | 8.333% |
| 4 | 4 | 153 | 120.91183 | 8.333% |
| 5 | 5 | 126 | 120.91183 | 8.333% |
| 6 | 6 | 124 | 120.91183 | 8.333% |
| 7 | 7 | 104 | 120.91183 | 8.333% |
| 8 | 8 | 111 | 120.91183 | 8.333% |
| 9 | 9 | 98 | 120.91183 | 8.333% |
| 10 | 10 | 126 | 120.91183 | 8.333% |
| 11 | 11 | 110 | 120.91183 | 8.333% |
| 12 | 12 | 114 | 120.91183 | 8.333% |

Neptune by House

## Chi-square test results

|  |
| --- |
| **P value and statistical significance:**  Chi squared equals 34.512 with 11 degrees of freedom.  The two-tailed P value equals 0.0003  By conventional criteria, this difference is considered to be extremely statistically significant.  **Review your data:** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Row # | Category | Observed | Expected # | Expected |
| 1 | 1 | 148 | 120.91183 | 8.333% |
| 2 | 2 | 139 | 120.91183 | 8.333% |
| 3 | 3 | 142 | 120.91183 | 8.333% |
| 4 | 4 | 140 | 120.91183 | 8.333% |
| 5 | 5 | 122 | 120.91183 | 8.333% |
| 6 | 6 | 133 | 120.91183 | 8.333% |
| 7 | 7 | 98 | 120.91183 | 8.333% |
| 8 | 8 | 114 | 120.91183 | 8.333% |
| 9 | 9 | 104 | 120.91183 | 8.333% |
| 10 | 10 | 120 | 120.91183 | 8.333% |
| 11 | 11 | 94 | 120.91183 | 8.333% |
| 12 | 12 | 97 | 120.91183 | 8.333% |

Pluto by House

## Chi-square test results

|  |
| --- |
| **P value and statistical significance:**  Chi squared equals 30.377 with 11 degrees of freedom.  The two-tailed P value equals 0.0014  By conventional criteria, this difference is considered to be very statistically significant.  **Review your data:** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Row # | Category | Observed | Expected # | Expected |
| 1 | 1 | 157 | 120.91183 | 8.333% |
| 2 | 2 | 136 | 120.91183 | 8.333% |
| 3 | 3 | 135 | 120.91183 | 8.333% |
| 4 | 4 | 128 | 120.91183 | 8.333% |
| 5 | 5 | 113 | 120.91183 | 8.333% |
| 6 | 6 | 131 | 120.91183 | 8.333% |
| 7 | 7 | 104 | 120.91183 | 8.333% |
| 8 | 8 | 99 | 120.91183 | 8.333% |
| 9 | 9 | 123 | 120.91183 | 8.333% |
| 10 | 10 | 92 | 120.91183 | 8.333% |
| 11 | 11 | 110 | 120.91183 | 8.333% |
| 12 | 12 | 123 | 120.91183 | 8.333% |

All Planets by House

## Chi-square test results

|  |
| --- |
| **P value and statistical significance:**  Chi squared equals 43.886 with 11 degrees of freedom.  The two-tailed P value is less than 0.0001  By conventional criteria, this difference is considered to be extremely statistically significant.  **Review your data:** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Row # | Category | Observed | Expected # | Expected |
| 1 | 1 | 1261 | 1201.45194 | 8.333% |
| 2 | 2 | 1281 | 1201.45194 | 8.333% |
| 3 | 3 | 1288 | 1201.45194 | 8.333% |
| 4 | 4 | 1152 | 1201.45194 | 8.333% |
| 5 | 5 | 1207 | 1201.45194 | 8.333% |
| 6 | 6 | 1317 | 1201.45194 | 8.333% |
| 7 | 7 | 1175 | 1201.45194 | 8.333% |
| 8 | 8 | 1115 | 1201.45194 | 8.333% |
| 9 | 9 | 1170 | 1201.45194 | 8.333% |
| 10 | 10 | 1136 | 1201.45194 | 8.333% |
| 11 | 11 | 1192 | 1201.45194 | 8.333% |
| 12 | 12 | 1124 | 1201.45194 | 8.333% |

Sun plus Moon

## Chi-square test results

|  |
| --- |
| **P value and statistical significance:**  Chi squared equals 46.923 with 11 degrees of freedom.  The two-tailed P value is less than 0.0001  By conventional criteria, this difference is considered to be extremely statistically significant.  **Review your data:** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Row # | Category | Observed | Expected # | Expected |
| 1 | 1 | 256 | 234.57395 | 8.333% |
| 2 | 2 | 252 | 234.57395 | 8.333% |
| 3 | 3 | 244 | 234.57395 | 8.333% |
| 4 | 4 | 145 | 234.57395 | 8.333% |
| 5 | 5 | 224 | 234.57395 | 8.333% |
| 6 | 6 | 259 | 234.57395 | 8.333% |
| 7 | 7 | 240 | 234.57395 | 8.333% |
| 8 | 8 | 221 | 234.57395 | 8.333% |
| 9 | 9 | 262 | 234.57395 | 8.333% |
| 10 | 10 | 226 | 234.57395 | 8.333% |
| 11 | 11 | 254 | 234.57395 | 8.333% |
| 12 | 12 | 232 | 234.57395 | 8.333% |

Sun plus Mercury plus Venus

## Chi-square test results

|  |
| --- |
| **P value and statistical significance:**  Chi squared equals 29.527 with 11 degrees of freedom.  The two-tailed P value equals 0.0019  By conventional criteria, this difference is considered to be very statistically significant.  **Review your data:** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Row # | Category | Observed | Expected # | Expected |
| 1 | 1 | 404 | 362.4855 | 8.333% |
| 2 | 2 | 423 | 362.4855 | 8.333% |
| 3 | 3 | 385 | 362.4855 | 8.333% |
| 4 | 4 | 370 | 362.4855 | 8.333% |
| 5 | 5 | 358 | 362.4855 | 8.333% |
| 6 | 6 | 358 | 362.4855 | 8.333% |
| 7 | 7 | 315 | 362.4855 | 8.333% |
| 8 | 8 | 330 | 362.4855 | 8.333% |
| 9 | 9 | 354 | 362.4855 | 8.333% |
| 10 | 10 | 369 | 362.4855 | 8.333% |
| 11 | 11 | 357 | 362.4855 | 8.333% |
| 12 | 12 | 327 | 362.4855 | 8.333% |

All Planets minus Moon

## Chi-square test results

|  |
| --- |
| **P value and statistical significance:**  Chi squared equals 51.717 with 11 degrees of freedom.  The two-tailed P value is less than 0.0001  By conventional criteria, this difference is considered to be extremely statistically significant.  **Review your data:** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Row # | Category | Observed | Expected # | Expected |
| 1 | 1 | 1141 | 1087.95648 | 8.333% |
| 2 | 2 | 1165 | 1087.95648 | 8.333% |
| 3 | 3 | 1180 | 1087.95648 | 8.333% |
| 4 | 4 | 1134 | 1087.95648 | 8.333% |
| 5 | 5 | 1108 | 1087.95648 | 8.333% |
| 6 | 6 | 1181 | 1087.95648 | 8.333% |
| 7 | 7 | 1047 | 1087.95648 | 8.333% |
| 8 | 8 | 998 | 1087.95648 | 8.333% |
| 9 | 9 | 1028 | 1087.95648 | 8.333% |
| 10 | 10 | 1033 | 1087.95648 | 8.333% |
| 11 | 11 | 1055 | 1087.95648 | 8.333% |
| 12 | 12 | 986 | 1087.95648 | 8.333% |

Midheaven Sign

## Chi-square test results

|  |
| --- |
| **P value and statistical significance:**  Chi squared equals 28.226 with 11 degrees of freedom.  The two-tailed P value equals 0.0030  By conventional criteria, this difference is considered to be very statistically significant.  **Review your data:** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Row # | Category | Observed | Expected # | Expected |
| 1 | 1 | 108 | 120.91183 | 8.333% |
| 2 | 2 | 106 | 120.91183 | 8.333% |
| 3 | 3 | 113 | 120.91183 | 8.333% |
| 4 | 4 | 157 | 120.91183 | 8.333% |
| 5 | 5 | 129 | 120.91183 | 8.333% |
| 6 | 6 | 139 | 120.91183 | 8.333% |
| 7 | 7 | 113 | 120.91183 | 8.333% |
| 8 | 8 | 92 | 120.91183 | 8.333% |
| 9 | 9 | 134 | 120.91183 | 8.333% |
| 10 | 10 | 131 | 120.91183 | 8.333% |
| 11 | 11 | 117 | 120.91183 | 8.333% |
| 12 | 12 | 112 | 120.91183 | 8.333% |