|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | Tamaño de muestra  (**n**) | Promedio  () | Varianza  () |
| **Tipo de concreto** | resistencia\_natural  (**rn**) | 300 | 5.611154 | 0.07048698 |
| resistencia\_modificada\_e1  (**rme1**) | 180 | 5.753059 | 0.05875763 |
| resistencia\_modificada\_e2  (**rme2**) | 127 | 5.765768 | 0.07451965 |
| resistencia\_modificada\_e3  (**rme3**) | 100 | 5.651321 | 0.06744558 |
| resistencia\_modificada\_e4  (**rme4**) | 70 | 6.117033 | 0.04665391 |
| resistencia\_modificada\_e5  (**rme5**) | 50 | 6.540229 | 0.09307167 |

**First Statistical Trial, at a 90% confidence level, α=0.1:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **rn** | **rme1** | **rme2** | **rme3** | **rme4** | **rme5** |
| **rn** |  | **rn < rme1** | **rn < rme2** | **rn < rme3** | **rn < rme4** | **rn < rme5** |
| **rme1** |  | **rme1 = rme2** | **rme1 > rme3** | **rme1 < rme4** | **rme1 < rme5** |
| **rme2** |  | **rme2 > rme3** | **rme2 < rme4** | **rme2 < rme5** |
| **rme3** |  | **rme3 < rme4** | **rme3 < rme5** |
| **rme4** |  | **rme4 < rme5** |
| **rme5** |  |

**First Statistical Trial, at a 95% confidence level, α=0.05:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **rn** | **rme1** | **rme2** | **rme3** | **rme4** | **rme5** |
| **rn** |  | **rn< rme1** | **rn< rme2** | **rn< rme3** | **rn< rme4** | **rn< rme5** |
| **rme1** |  | **rme1 = rme2** | **rme1 > rme3** | **rme1 < rme4** | **rme1 < rme5** |
| **rme2** |  | **rme2 > rme3** | **rme2 < rme4** | **rme2 < rme5** |
| **rme3** |  | **rme3 < rme4** | **rme3 < rme5** |
| **rme4** |  | **rme4 < rme5** |
| **rme5** |  |

**First Statistical Trial, at a 99% confidence level, α=0.01:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **rn** | **rme1** | **rme2** | **rme3** | **rme4** | **rme5** |
| **rn** |  | **rn< rme1** | **rn< rme2** | **rn< rme3** | **rn< rme4** | **rn< rme5** |
| **rme1** |  | **rme1 = rme2** | **rme1 > rme3** | **rme1 < rme4** | **rme1 < rme5** |
| **rme2** |  | **rme2 > rme3** | **rme2 < rme4** | **rme2 < rme5** |
| **rme3** |  | **rme3 < rme4** | **rme3 < rme5** |
| **rme4** |  | **rme3 < rme4** |
| **rme5** |  |