**Two Way Analysis of Variance : Example**

|  |  |  |  |
| --- | --- | --- | --- |
| Observation | Gender | Dosage | Alertness |
| 1 | m | a | 8 |
| 2 | m | a | 12 |
| 3 | m | a | 13 |
| 4 | m | a | 12 |
| 5 | m | b | 6 |
| 6 | m | b | 7 |
| 7 | m | b | 23 |
| 8 | m | b | 14 |
| 9 | f | a | 15 |
| 10 | f | a | 12 |
| 11 | f | a | 22 |
| 12 | f | a | 14 |
| 13 | f | b | 15 |
| 14 | f | b | 12 |
| 15 | f | b | 18 |
| 16 | f | b | 22 |