

## Chi-Squared Test of Independence

1. **Independence of Observations:** Each observation should be independent of others. No individual should contribute to more than one cell in the contingency table.
2. **Sample Size:** Generally, it is recommended that the expected frequency in each cell of the contingency table should be at least 5. If this condition is not met, the results may not be reliable.
3. **Categorical Data:** Both variables being tested should be categorical. The data can be in the form of counts or frequencies.