|  |  |  |  |
| --- | --- | --- | --- |
| **What is the expected value for teacher A at 2.01 - 2.50?** | | | |
| **What is the expected value for teacher A at 2.51 - 3.00?** | | | |
| **What is the expected value for teacher A at 3.01 - 3.50?** | | | |
| **What is the expected value for teacher A at 3.51 - 4.00?** | | | |
| **What is the expected value for teacher B at 2.01 - 2.50?** | | | |
| **What is the expected value for teacher B at 2.51 - 3.00?** | | | |
| **What is the expected value for teacher B at 3.01 - 3.50?** | | | |
| **What is the expected value for teacher B at 3.51 - 4.00?** | | | |
| **What is the expected value for teacher C at 2.01 - 2.50?** | | | |
| **What is the expected value for teacher C at 2.51 - 3.00?** | | | |
| **What is the expected value for teacher C at 3.01 - 3.50?** | | | |
| **What is the expected value for teacher C at 3.51 - 4.00?** | | | |
| **Probability of detecting Teacher A / 2.01 - 2.50:** | | |  |
| **Probability of detecting Teacher A / 2.51 - 3.00:** | | |  |
| **Probability of detecting Teacher A / 3.01 - 3.50:** | | |  |
| **Probability of detecting Teacher A / 3.51 - 4.00:** | | |  |
| **Probability of detecting Teacher B / 2.01 - 2.50:** | | |  |
| **Probability of detecting Teacher B / 2.51 - 3.00:** | | |  |
| **Probability of detecting Teacher B / 3.01 - 3.50:** | | |  |
| **Probability of detecting Teacher B / 3.51 - 4.00:** | | |  |
| **Probability of detecting Teacher C / 2.01 - 2.50:** | | |  |
| **Probability of detecting Teacher C / 2.51 - 3.00:** | | |  |
| **Probability of detecting Teacher C / 3.01 - 3.50:** | | |  |
| **Probability of detecting Teacher C / 3.51 - 4.00:** | | |  |
| **Chi Square statistic:** |  |  |  |
| **One tail or two?** |  |  |  |
| **Critical value:** |  |  |  |
| **Reject the null? (Y or N):** | |  |  |