|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **von Mises distribution** | | **Circular uniform distribution** | |
| Time-period of tiger activity | Tiger activity (Dec-Feb) | Tiger activity (March-April) | Tiger activity (Dec-Feb) | Tiger activity (March-April) |
| α | 0.05 | 0.05 | 0.05 | 0.05 |
| Test Statistic | 0.7615 | 0.2341 | 3.527 | 3.6843 |
| Critical value | 0.066 | 0.079 | 0.187 | 0.187 |
| Null hypothesis | Rejected | Rejected | Rejected | Rejected |