Input 3 - Length -FPS  vs Random
F-Test Two-Sample for Variances

| | *Variable 1* | *Variable 2* |
|---|---|---|
| Mean | -343.381 | -365.739 |
| Variance | 6948.328 | 12282.68 |
| Observations | 398 | 398 |
| df | 397 | 397 |
| F | 0.565701 | |
| P(F<=f) one-tail | 8.79E-09 | |
| F Critical one-tail | 0.847636 | |

Mean(v1) > Mean(v2) and F < F-Critical => Equal Variance

t-Test: Two-Sample Assuming Equal Variances

| | *Variable 1* | *Variable 2* |
|---|---|---|
| Mean | -343.381 | -365.739 |
| Variance | 6948.328 | 12282.68 |
| Observations | 398 | 398 |
| Pooled Variance | 9615.502 | |
| Hypothesized Mean Difference | 0 | |
| df | 794 | |
| t Stat | 3.216431 | |
| P(T<=t) one-tail | 0.000675 | |
| t Critical one-tail | 1.646775 | |
| P(T<=t) two-tail | 0.001351 | |
| t Critical two-tail | 1.962956 | |

t > t Critical => FPS is Better