| Class Level Information | | |
|---|---|---|
| **Class** | **Levels** | **Values** |
| **StrikeRateCategory** | 3 | Aggressive Balanced Defensive |

| | |
|---|---|
| **Number of Observations Read** | 150 |
| **Number of Observations Used** | 150 |

### Dependent Variable: BallsFaced BallsFaced

| Source | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|---|---|---|---|---|---|
| **Model** | 2 | 9514812.4 | 4757406.2 | 3.94 | 0.0216 |
| **Error** | 147 | 177710815.9 | 1208917.1 | | |
| **Corrected Total** | 149 | 187225628.3 | | | |

| R-Square | Coeff Var | Root MSE | BallsFaced Mean |
|---|---|---|---|
| 0.050820 | 77.27267 | 1099.508 | 1422.893 |

| Source | DF | Type I SS | Mean Square | F Value | Pr > F |
|---|---|---|---|---|---|
| **StrikeRateCategory** | 2 | 9514812.425 | 4757406.213 | 3.94 | 0.0216 |

| Source | DF | Type III SS | Mean Square | F Value | Pr > F |
|---|---|---|---|---|---|
| **StrikeRateCategory** | 2 | 9514812.425 | 4757406.213 | 3.94 | 0.0216 |
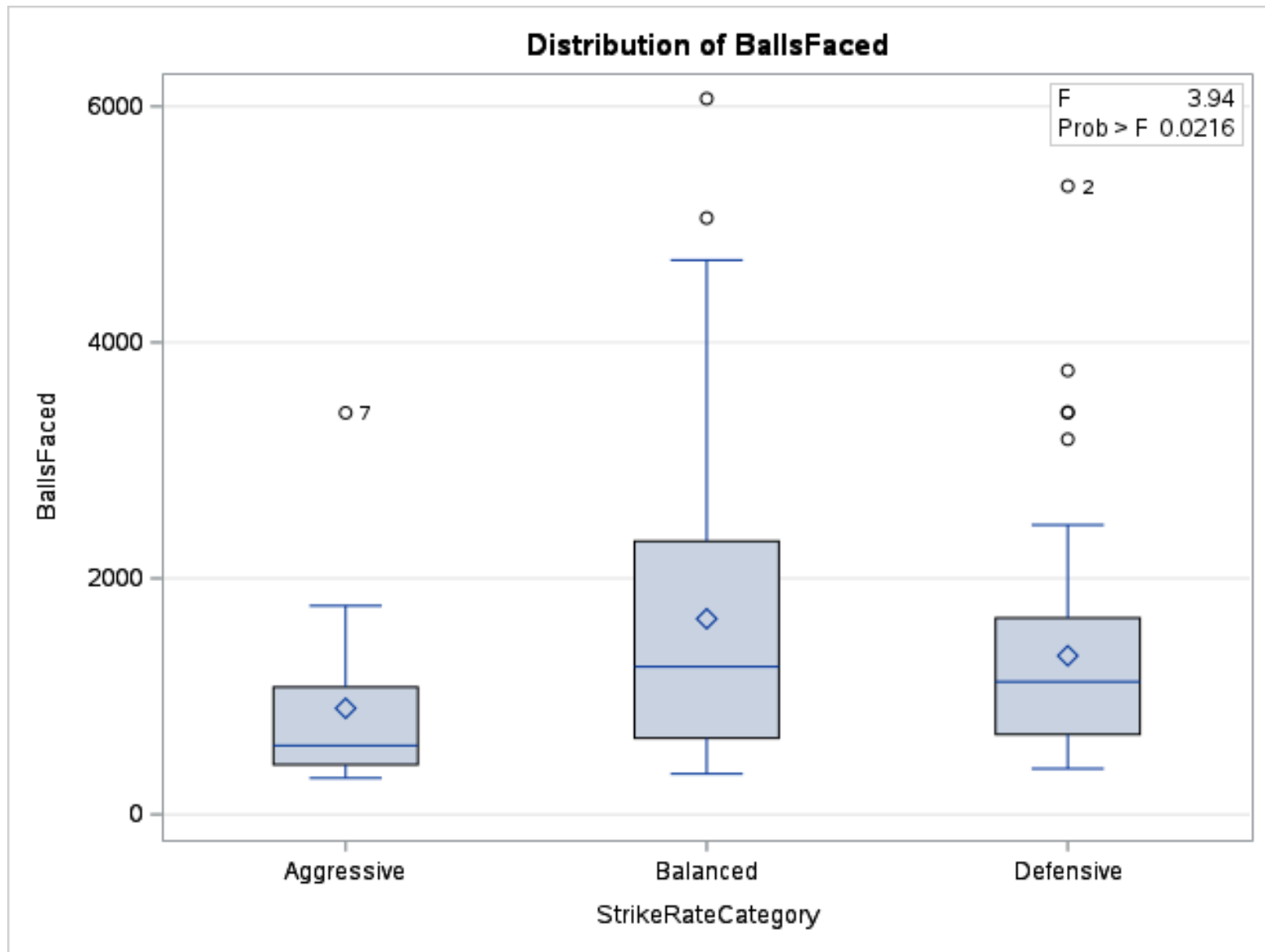
## Distribution of BallsFaced



| F | 3.94 |
| Prob > F | 0.0216 |

| Levene's Test for Homogeneity of BallsFaced Variance ANOVA of Squared Deviations from Group Means | | | | | |
|---|---|---|---|---|---|
| Source | DF | Sum of Squares | Mean Square | F Value | Pr > F |
| StrikeRateCategory | 2 | 3.113E13 | 1.556E13 | 2.51 | 0.0845 |

| Levene's Test for Homogeneity of BallsFaced Variance ANOVA of Squared Deviations from Group Means | | | | | |
|---|---|---|---|---|---|
| Source | DF | Sum of Squares | Mean Square | F Value | Pr > F |
| Error | 147 | 9.107E14 | 6.195E12 | | |

| Welch's ANOVA for BallsFaced | | | |
|---|---|---|---|
| Source | DF | F Value | Pr > F |
| StrikeRateCategory | 2.0000 | 5.37 | 0.0070 |
| Error | 63.0129 | | |

| Level of StrikeRateCategory | N | BallsFaced | |
|---|---|---|---|
| | | Mean | Std Dev |
| Aggressive | 20 | 899.35000 | 742.91689 |
| Balanced | 66 | 1657.68182 | 1307.14171 |
| Defensive | 64 | 1344.37500 | 944.18830 |

### Least Squares Means
### Adjustment for Multiple Comparisons: Tukey-Kramer

| StrikeRateCategory | BallsFaced LSMEAN | LSMEAN Number |
|---|---|---|
| Aggressive | 899.35000 | 1 |
| Balanced | 1657.68182 | 2 |
| Defensive | 1344.37500 | 3 |

| i/j | 1 | 2 | 3 |
|---|---|---|---|
| **Least Squares Means for effect StrikeRateCategory**<br>**Pr > \|t\| for H0: LSMean(i)=LSMean(j)**<br><br>**Dependent Variable: BallsFaced** | | | |
| **1** | | 0.0209 | 0.2575 |
| **2** | 0.0209 | | 0.2387 |
| **3** | 0.2575 | 0.2387 | |

LS-Means for StrikeRateCategory

**BallsFaced Comparisons for StrikeRateCategory**

Differences for alpha=0.05 (Tukey-Kramer Adjustment)
Not significant — Significant