**Confusion Matrix for All Three Algorithms**

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| Algorithm | Accuracy | P-Value | Kappa |
| RF | 0.9697 | 2.2e-16 | 0.9695 |
| C5.0 | 0.9577 | 2.2e-16 | 0.9575 |
| KNN | 0.7622 | 2.2e-16 | 0.7612 |

***Figure 1.***Confusion Matrix Performance Metrics for All Algorithms (Building 0 Sample Set Only)

***Figure 2.***Bar Chart of Confusion Matrix Performance Metrics for All Algorithms

For this report, I only used the Building 0 sample data set. This was done to save computation time. I performed the confusion matrix for each prediction model and recorded several performance metrics for each. This was done to further evaluate the performance of each algorithm. Similar to the postResample results, it is clear once again that RandomForest (RF) performs the best of all algorithms. It has the highest Accuracy and Kappa score compared to all three. It also has a low P-Value, which means it has a greater statistical significance.