

Moneyball Multiple Regression Model

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Executive Summary

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Data Dictionary

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Data Imputation

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Eliminate HBP, CS, and pitching HR's.

Build model for batting SO using Gelman approach

Build model for Pitching SO

Build model for SB

Build model to replace DP

Eliminate unhistorical outliers - DO THIS FOR THE EVAL DATA AS WELL

Model Selection

Model candidate 1

Model candidate 2

Model candidate 3

Model best fit Prediction Model

Conclusion