Final-Report

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3/23/2021

Number of At–Bats by Retirement Decade
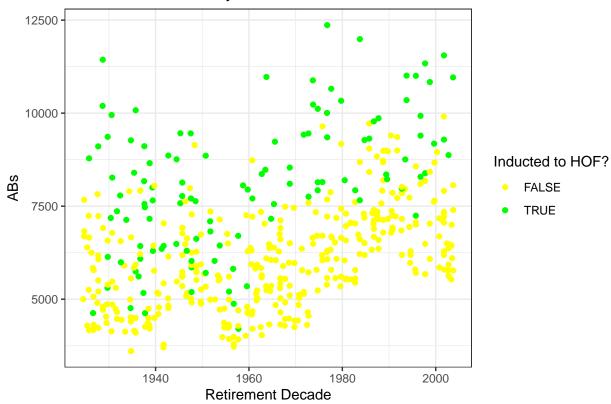


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## [1] "Composition of HOF batters in data: 2.2%."
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Number of At–Bats by Retirement Decade

[1] "Composition of HOF batters in data: 23.96%."

First Player Value Logistic Modeling Results

Regressors	Misclass Rate	AUC
WAR	12.7%	0.912
Standard Statistics	13.1%	0.897
Combined	11.9%	0.927

Second Player Value Logistic Modeling Results
Standardized by Retirement Decade

Regressors	Misclass Rate	AUC
WAR	10.8%	0.938
Standard Statistics	12.1%	0.896
Combined	11.5%	0.938

Third Player Value Logistic Modeling Results
Standardized by Retirement Decade with Retirement Decade Interactions
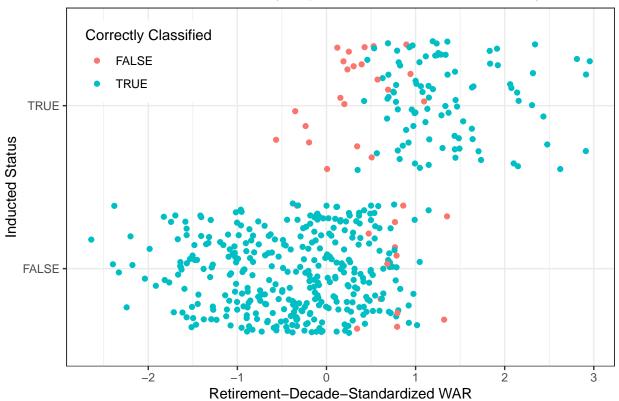
Regressors	Misclass Rate	AUC
WAR	10.8%	0.943

Standard Statistics	15.8%	0.885
Combined	11.7%	0.940

WAR vs. Induction Status by Classification Accuracy

Improved Logistic Modeling Results

Mdoel	Misclass Rate	AUC
Initial	10.8%	0.943
Modified	7.3%	0.961

WAR vs. Induction Status by Improved Classification Accuracy

Conditional dominance

General Dominance