

Income Level Prediction Models

Sample Constraint





Who We Are!

The Dominatrices specialize in finding the sweet spot on any model while being constrained.

“*Art lives from constraints
and dies from freedom*”

—*Leonardo da Vinci*

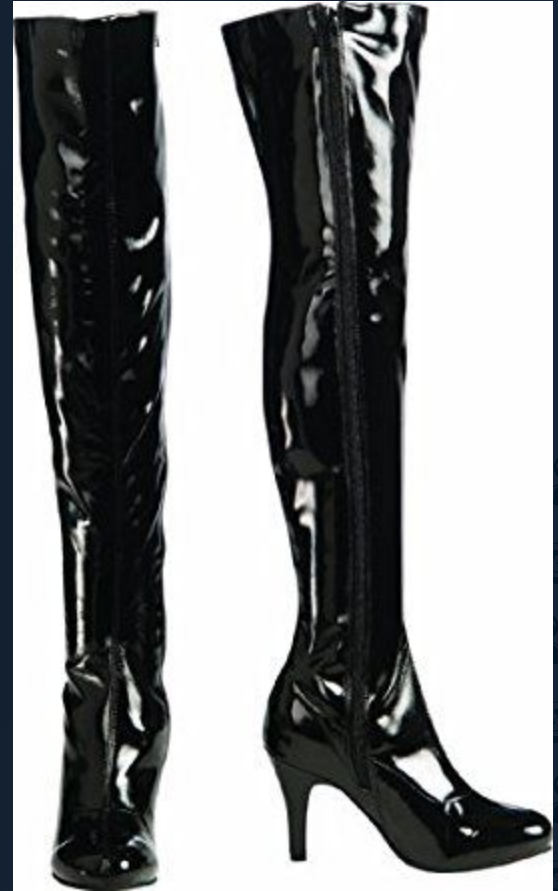
Good, Fast or Cheap

Our model with $\frac{1}{5}$ the data allows us to cheaply attain accuracies similar to those with larger data sets.

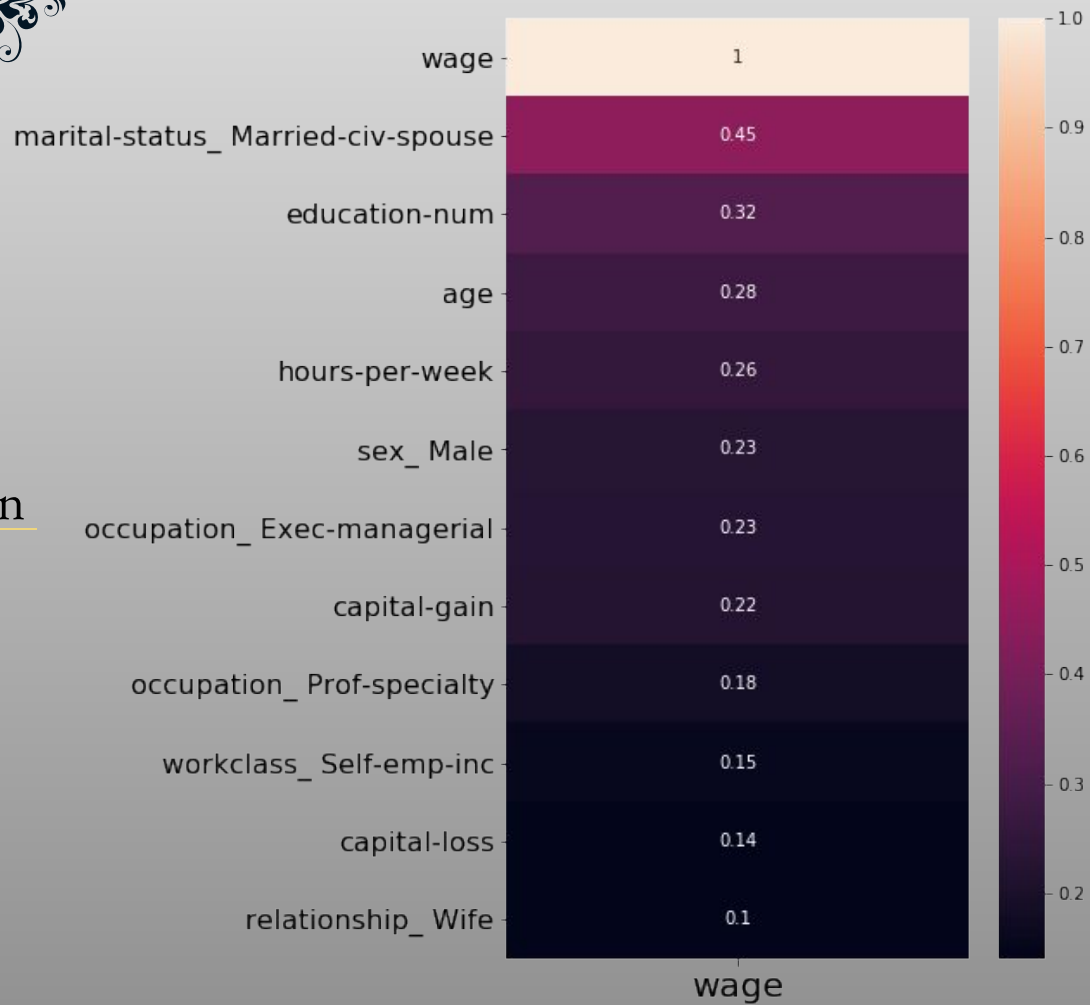
Bootstrapping

- ❑ Random Sampling of current data w/ replacement
- ❑ Increase data package to desired size
- ❑ Merge new data with existing model

We now have a dataset with over 32,000 rows created with our original 6500.



Wage Correlation



P
A
R
A
M
E
T
E
R
S



M
O
D
E
L
S



D
A
T
A



1001001001
0100100010
0100100100
1110100101
1001001010

B
E
S
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B
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P
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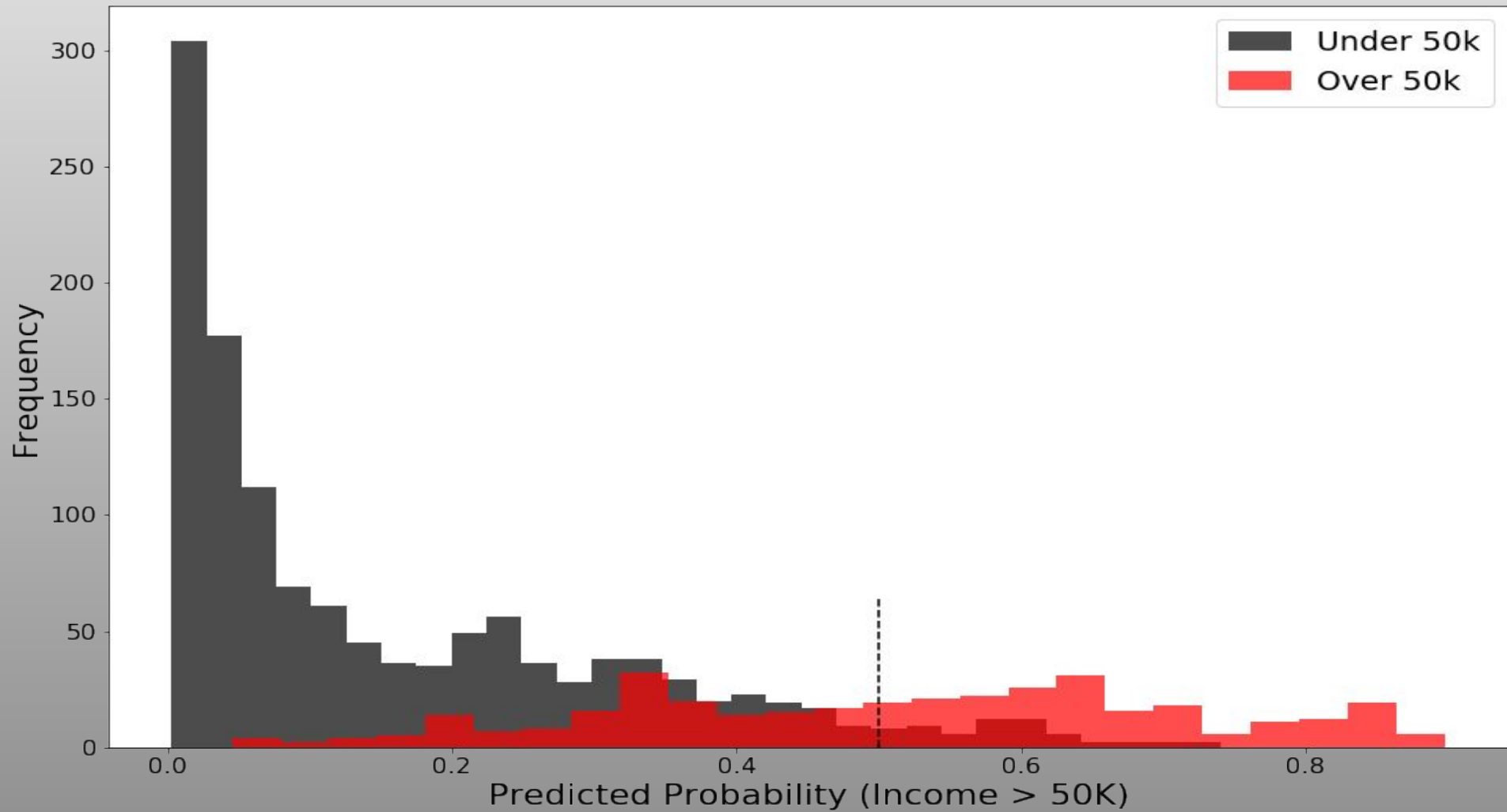


B
E
S
T

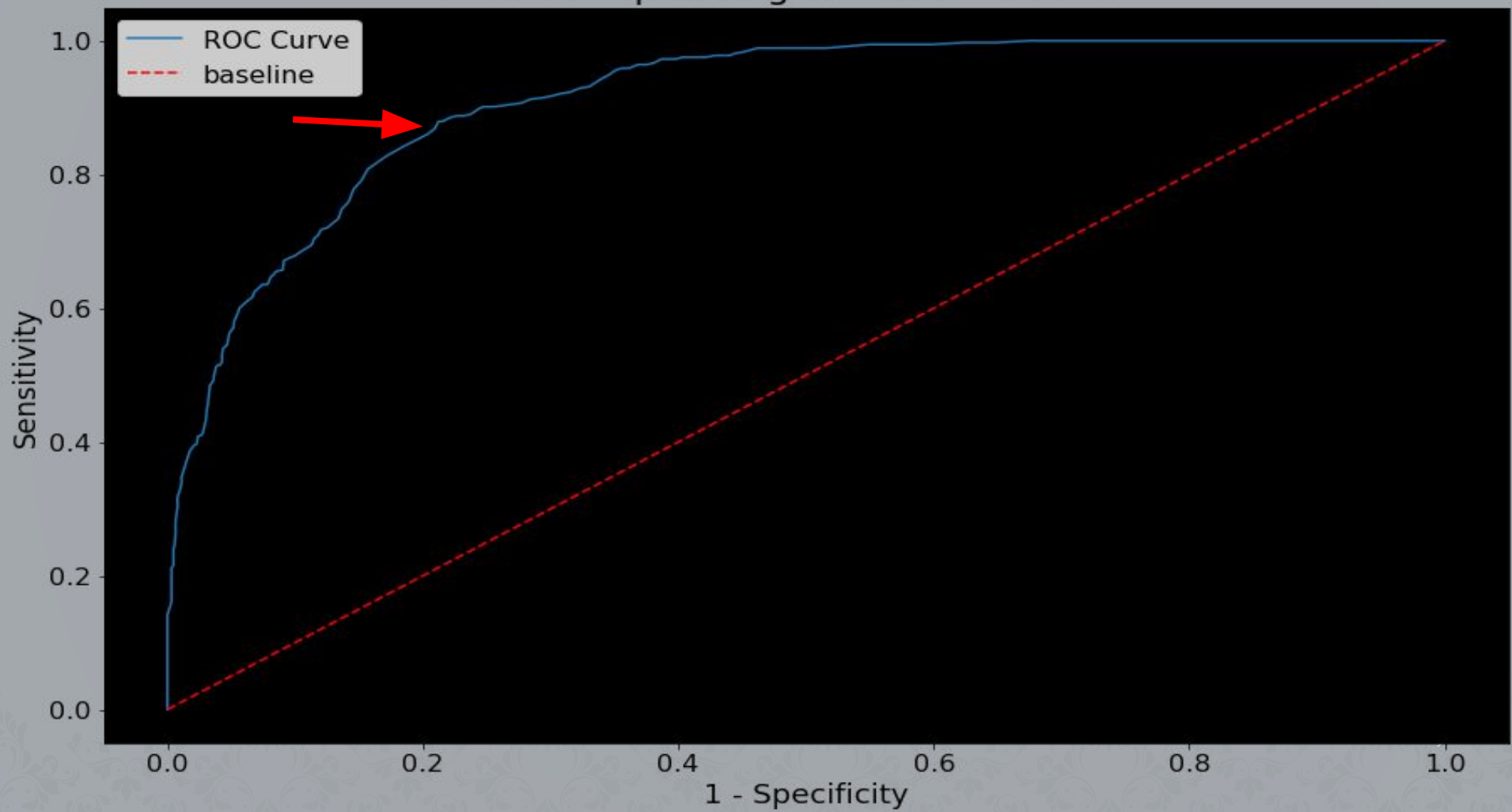
S
C
O
R
E



Distribution of Incomes



Receiver Operating Characteristic Curve



CONCLUSIONS & RECOMMENDATIONS

A large, stylized target graphic is centered on the slide. It consists of several concentric circles in shades of gray. An arrow, also in gray, is shown hitting the bullseye (the center circle).

88.6%

Accuracy of Model

Thank You!

Does anyone have any questions?

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