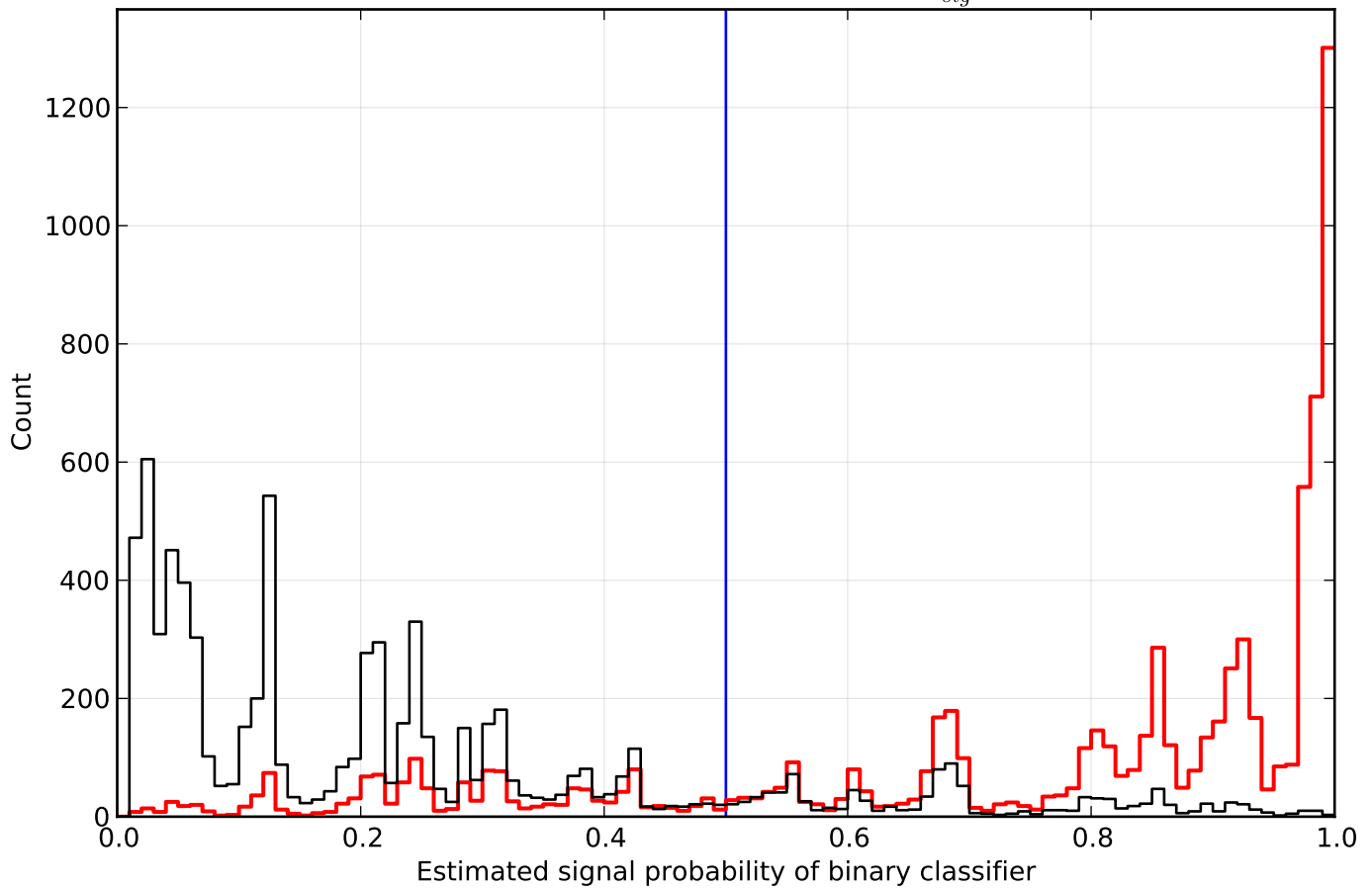
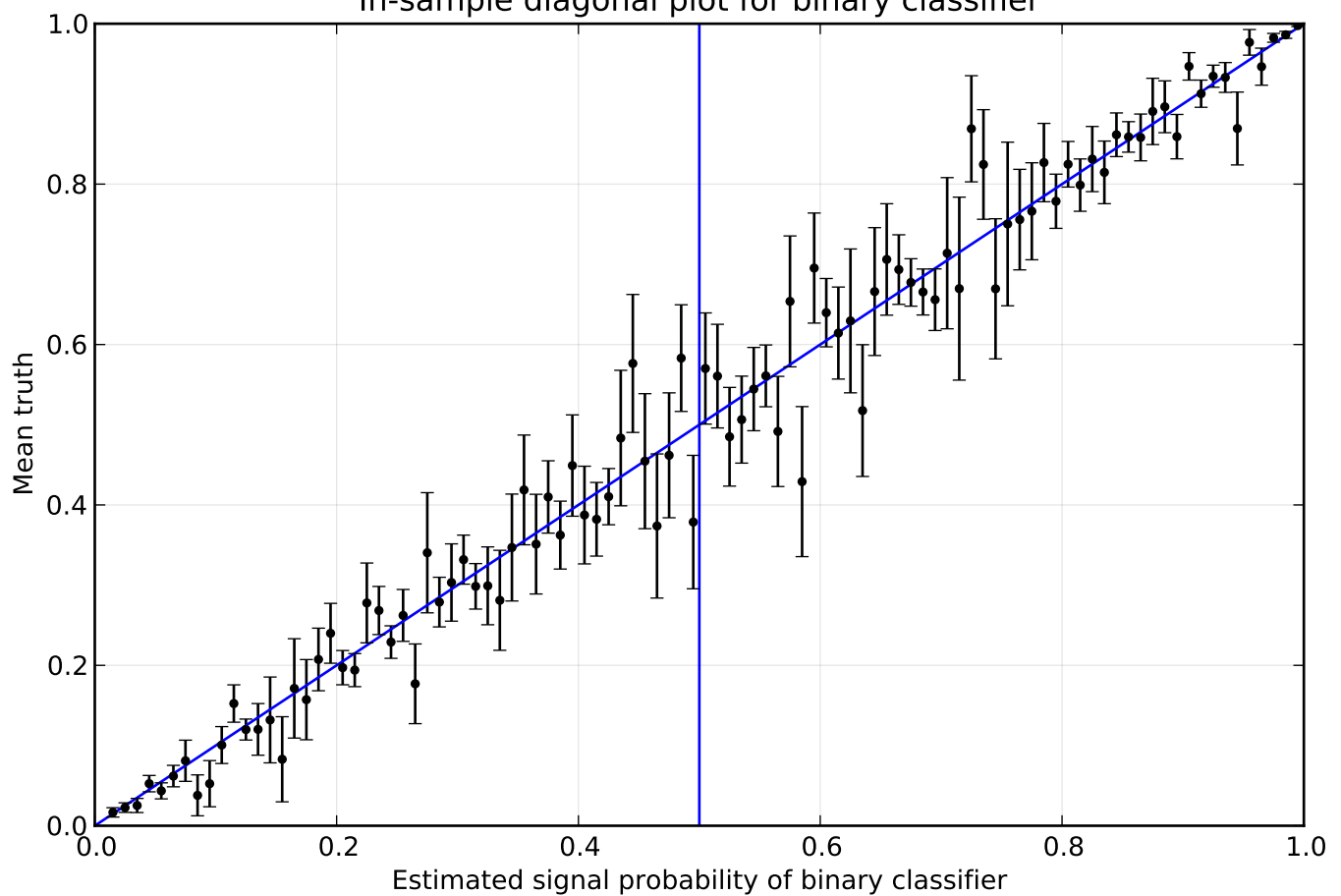
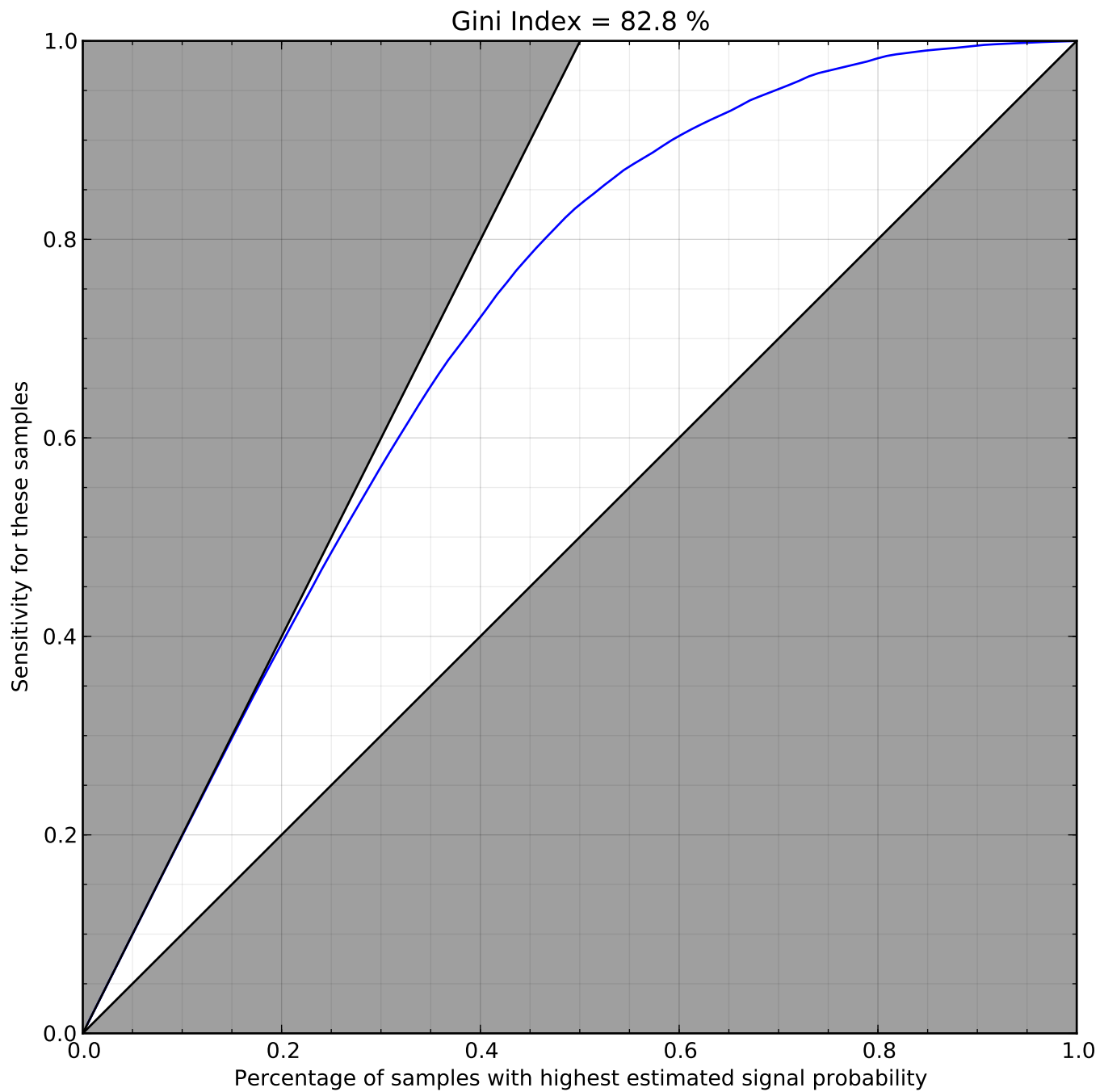


Histogram of signal (red) and background samples (black)  
( $n = 15480$ ,  $s = 7746$ ,  $b = 7734$ ,  $p_{sig}=0.5$ )



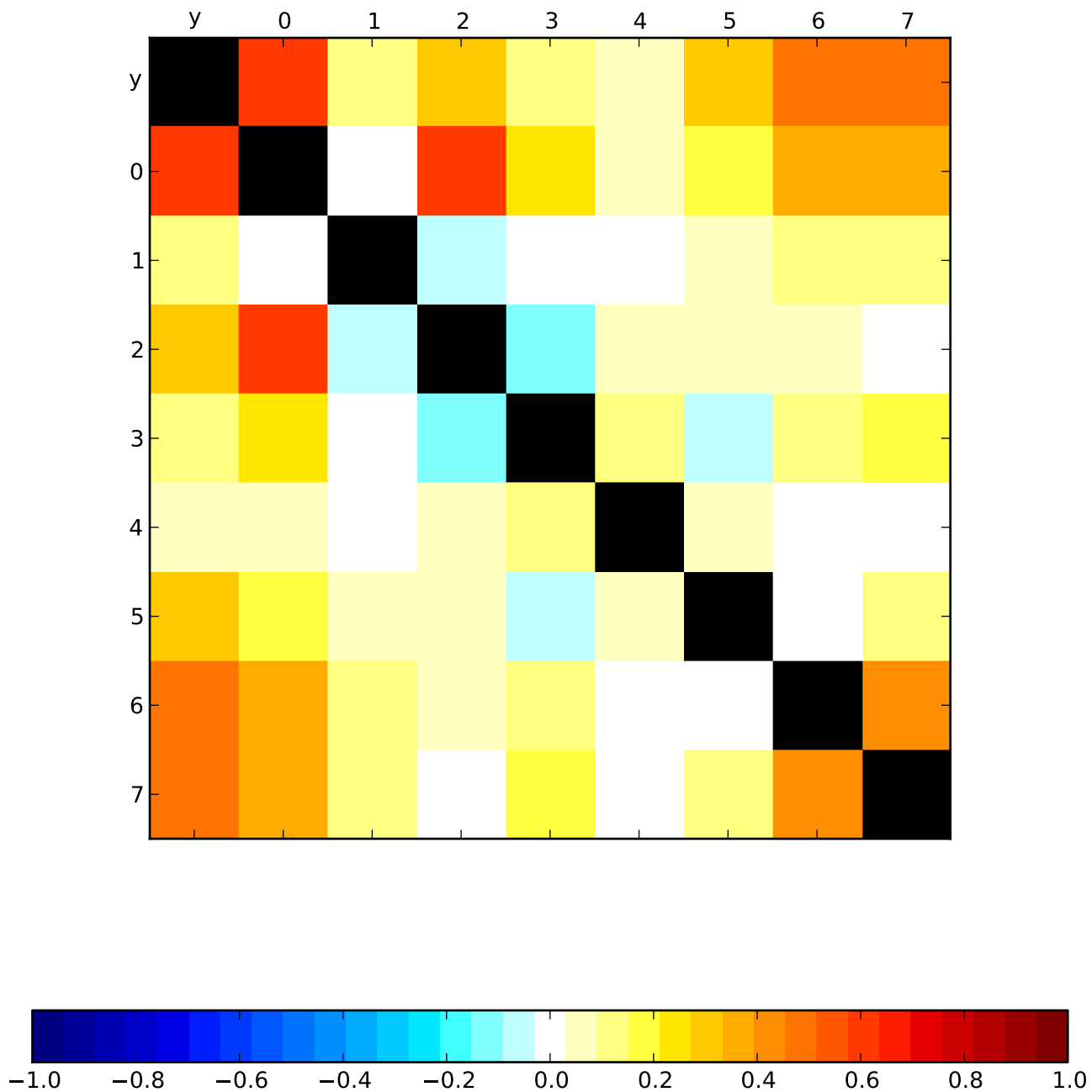
In-sample diagonal plot for binary classifier





The total correlation of all features to the target is 70.88% .

The total significance of all features is 88.19  $\sigma$



Feature 0: MedInc



1st most important feature

Neurobayes feature id: 2

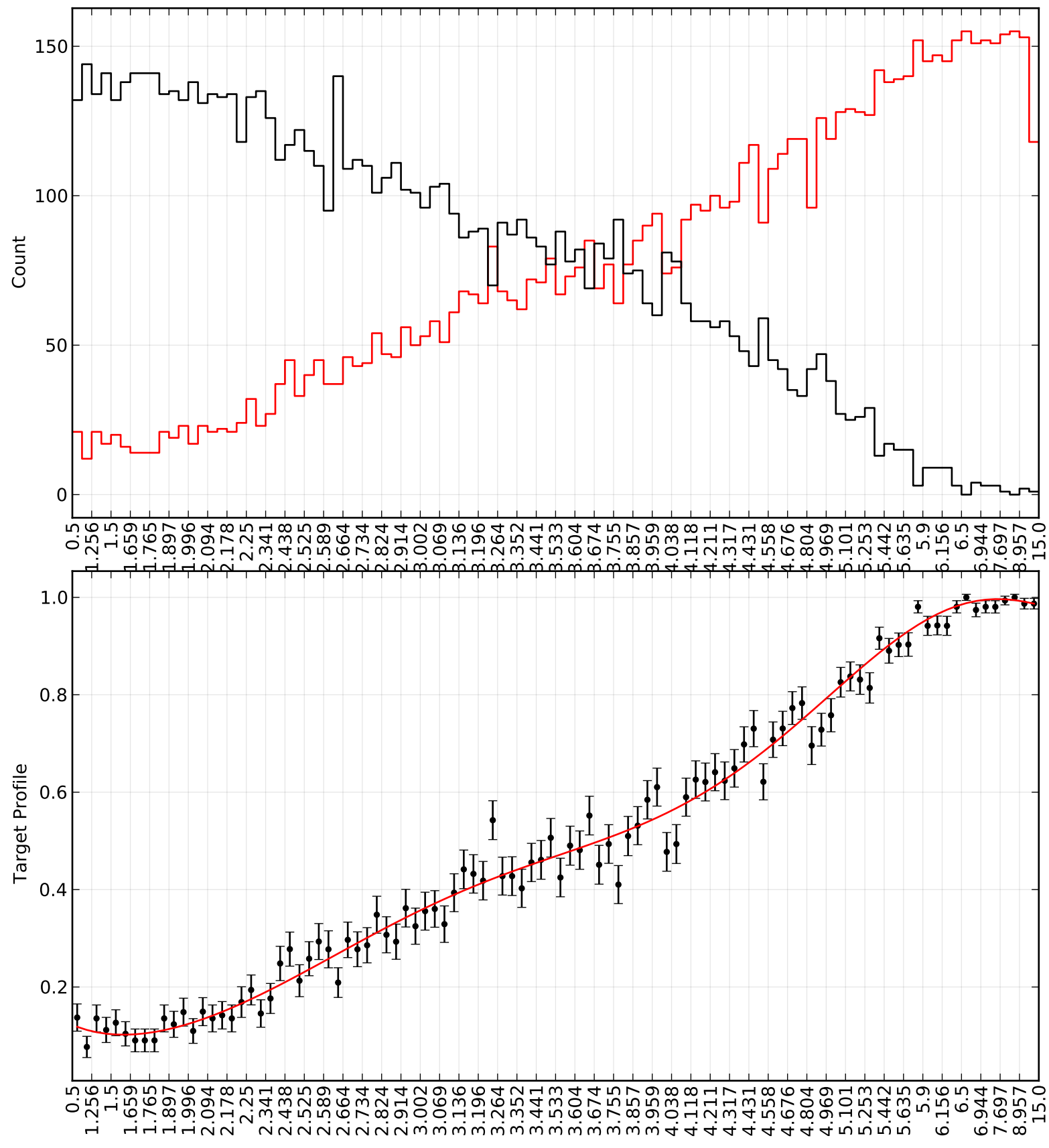
Added significance: 71.69  $\sigma$

Significance of this feature only: 71.69  $\sigma$

Significance loss when removed: 30.13  $\sigma$

Total correlation to others: 76.77 %

Feature properties: IS\_CONTINUOUS



## Feature 7: Latitude

2nd most important feature

Neurobayes feature id: 9

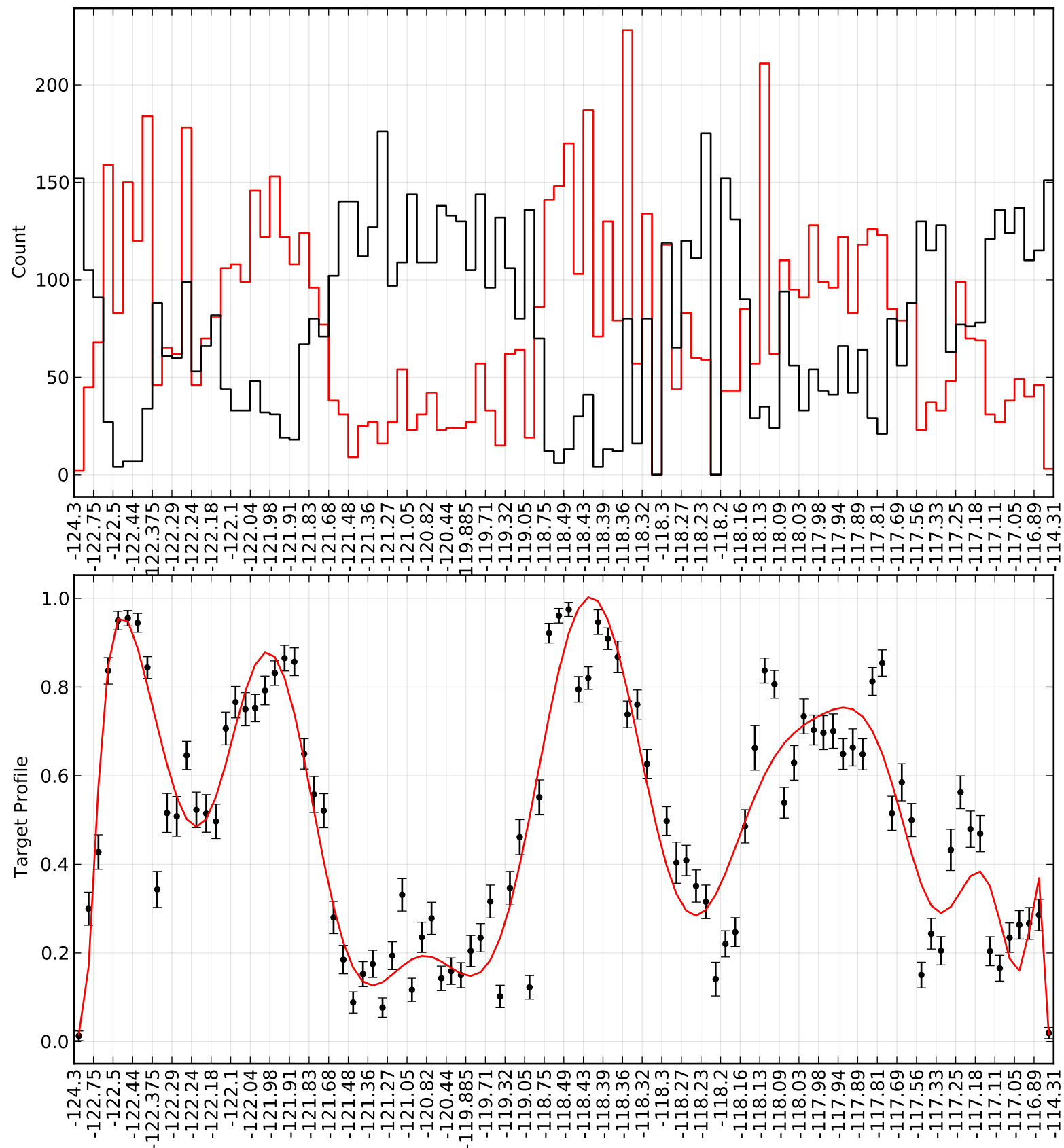
Added significance: 39.16  $\sigma$

Significance of this feature only: 61.3  $\sigma$

Significance loss when removed: 26.13  $\sigma$

Total correlation to others: 51.78 %

Feature properties: IS\_CONTINUOUS



## Feature 6: Longitude



3rd most important feature

Neurobayes feature id: 8

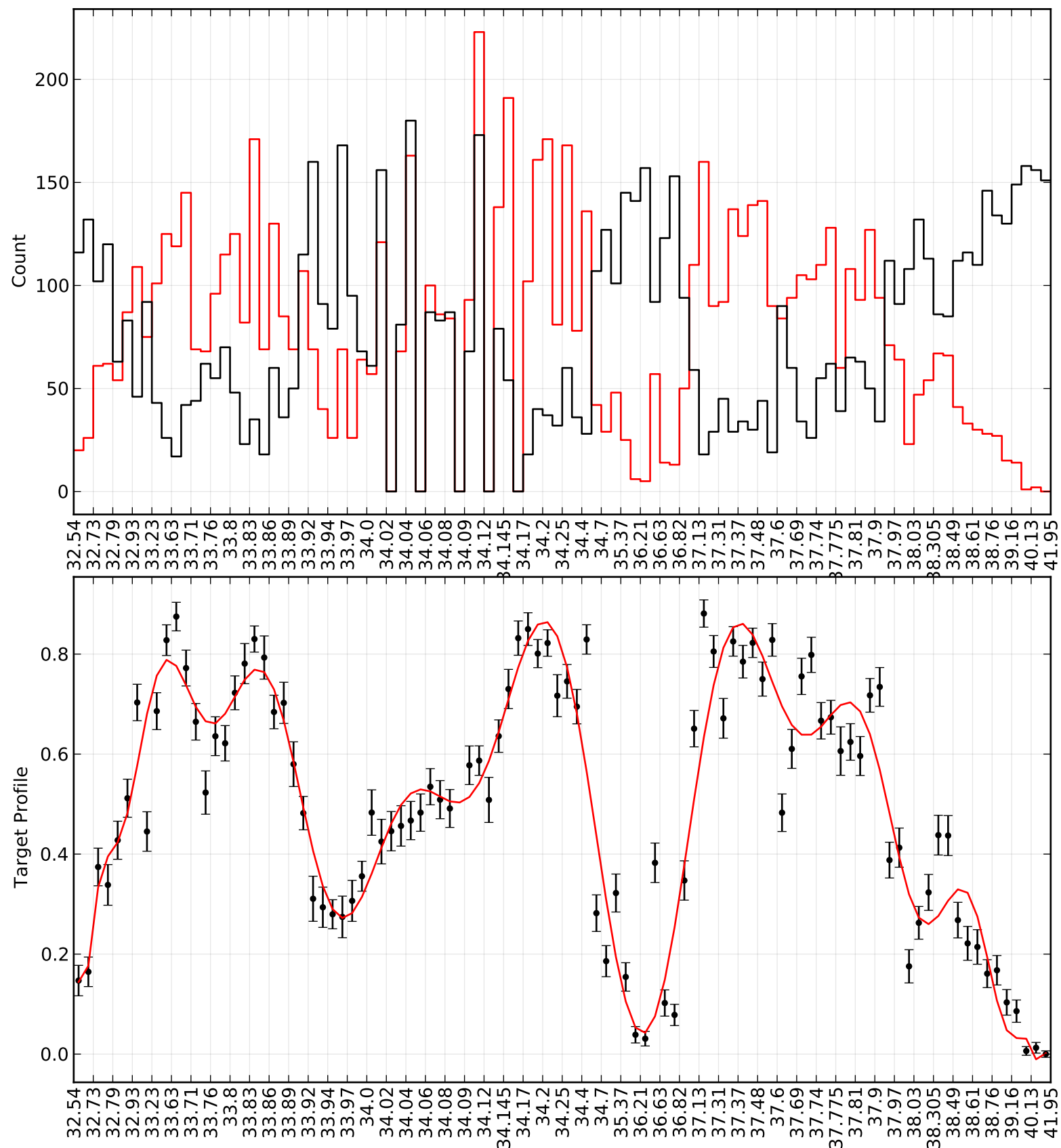
Added significance: 22.49  $\sigma$

Significance of this feature only: 56.97  $\sigma$

Significance loss when removed: 23.13  $\sigma$

Total correlation to others: 48.78 %

Feature properties: IS\_CONTINUOUS



Feature 5: AveOccup



4th most important feature

Neurobayes feature id: 7

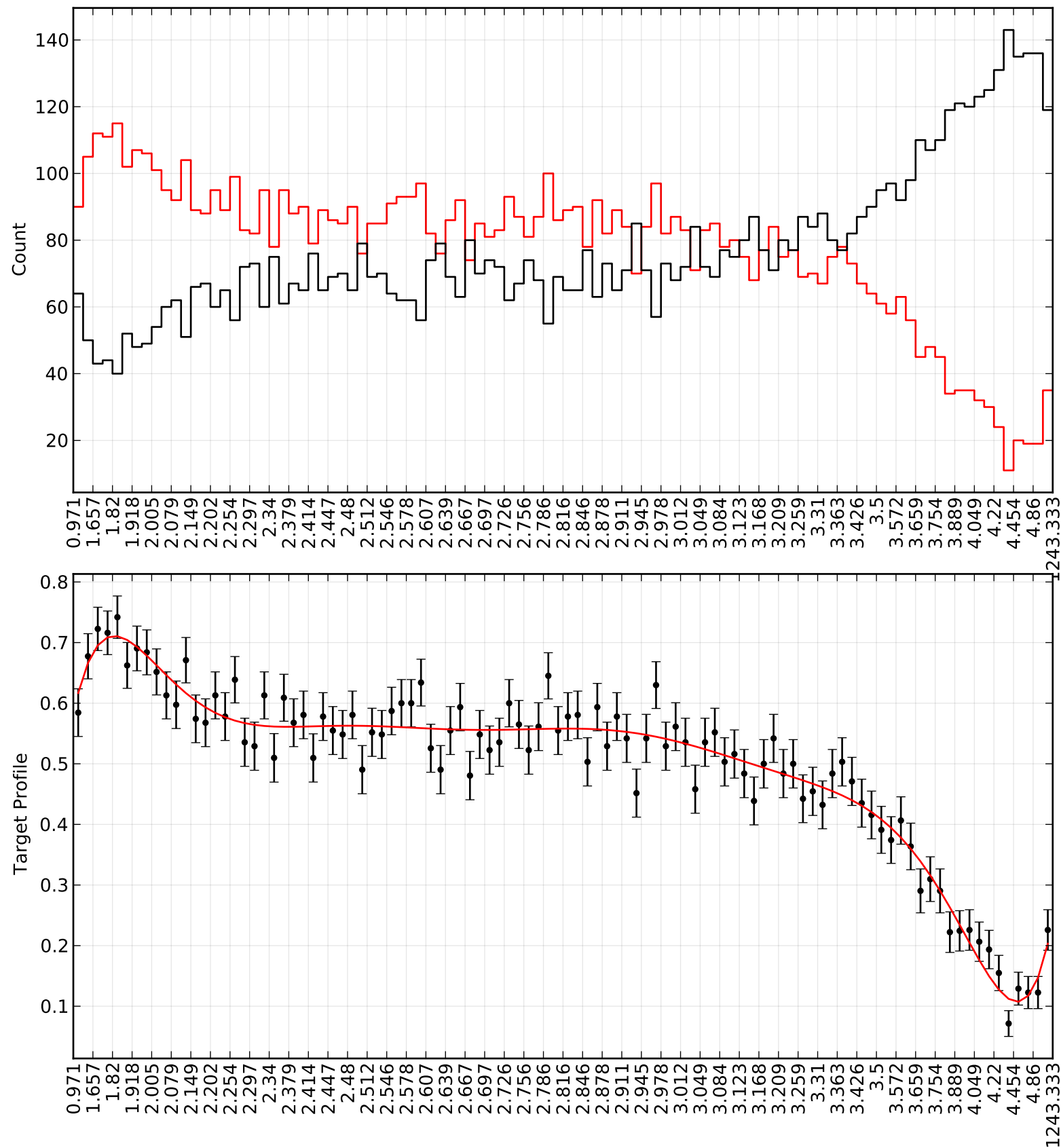
Added significance: 23.08  $\sigma$

Significance of this feature only: 34.54  $\sigma$

Significance loss when removed: 22.56  $\sigma$

Total correlation to others: 23.73 %

Feature properties: IS\_CONTINUOUS



Feature 1: HouseAge



5th most important feature

Neurobayes feature id: 3

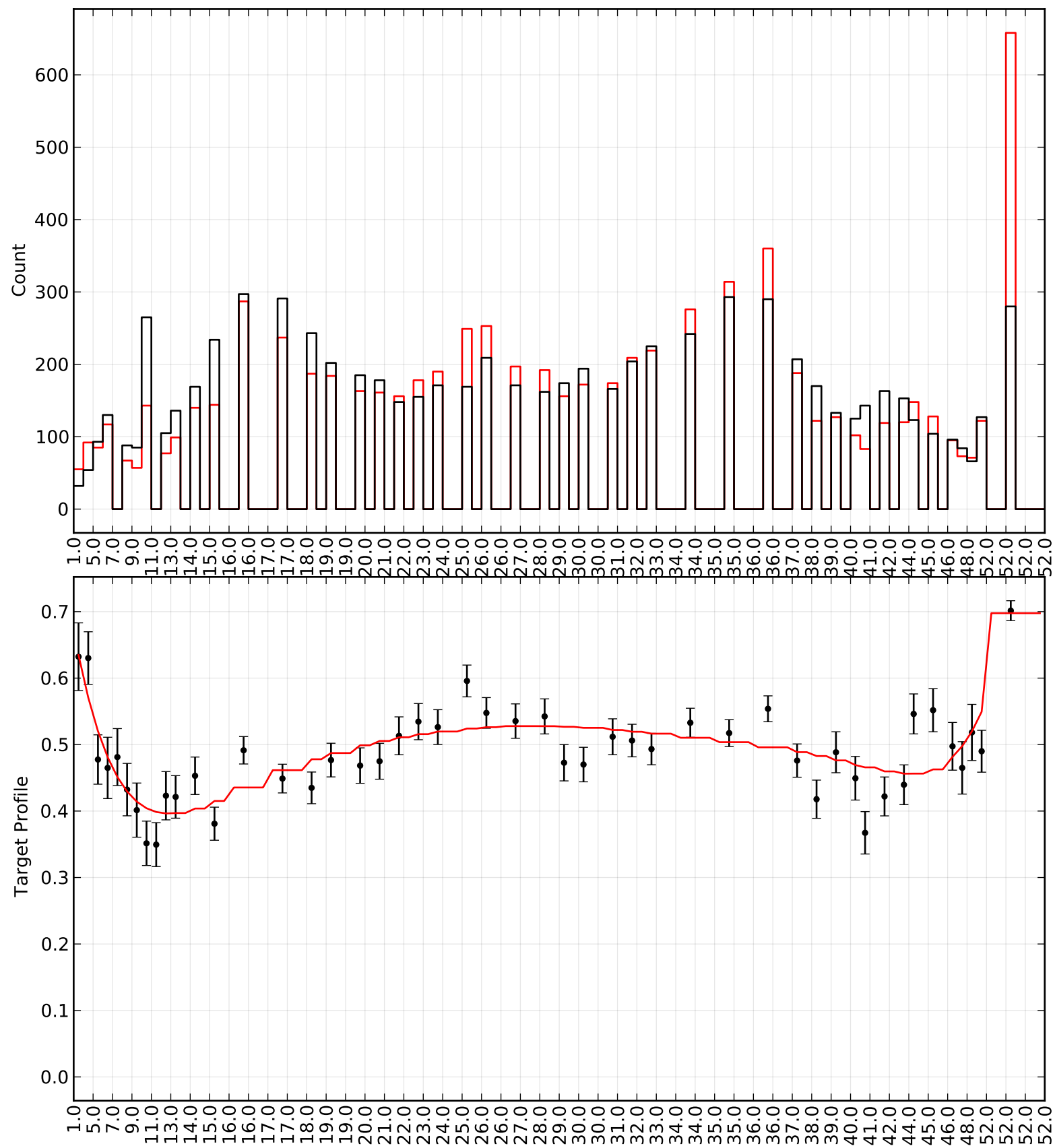
Added significance: 7.92  $\sigma$

Significance of this feature only: 15.86  $\sigma$

Significance loss when removed: 7.9  $\sigma$

Total correlation to others: 17.7 %

Feature properties: IS\_CONTINUOUS





## Feature 2: AveRooms

6th most important feature

Neurobayes feature id: 4

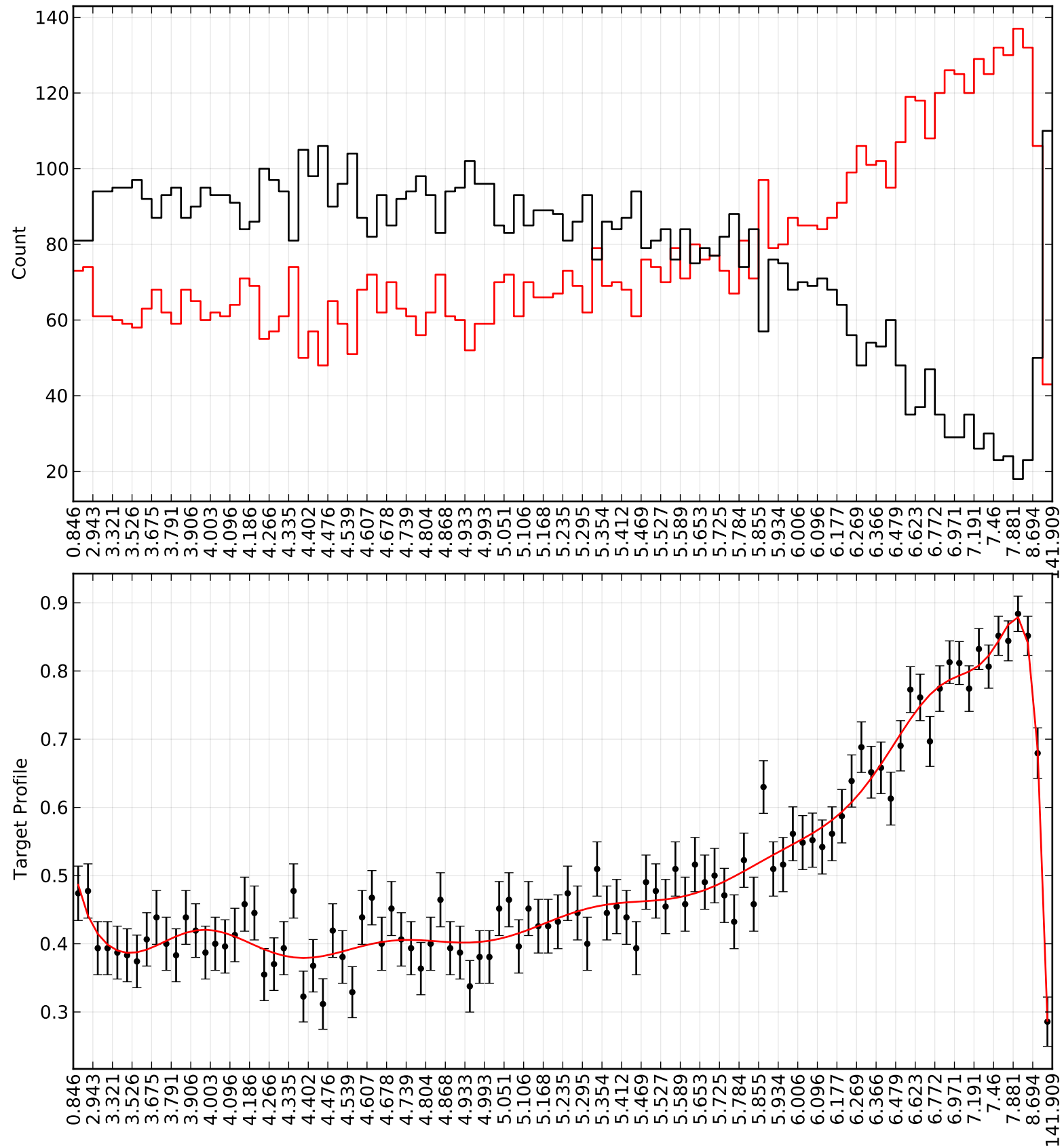
Added significance: 1.39  $\sigma$

Significance of this feature only: 34.59  $\sigma$

Significance loss when removed: 1.65  $\sigma$

Total correlation to others: 69.86 %

Feature properties: IS\_CONTINUOUS



### Feature 3: AveBedrms

7th most important feature

Added significance:  $0.99 \sigma$

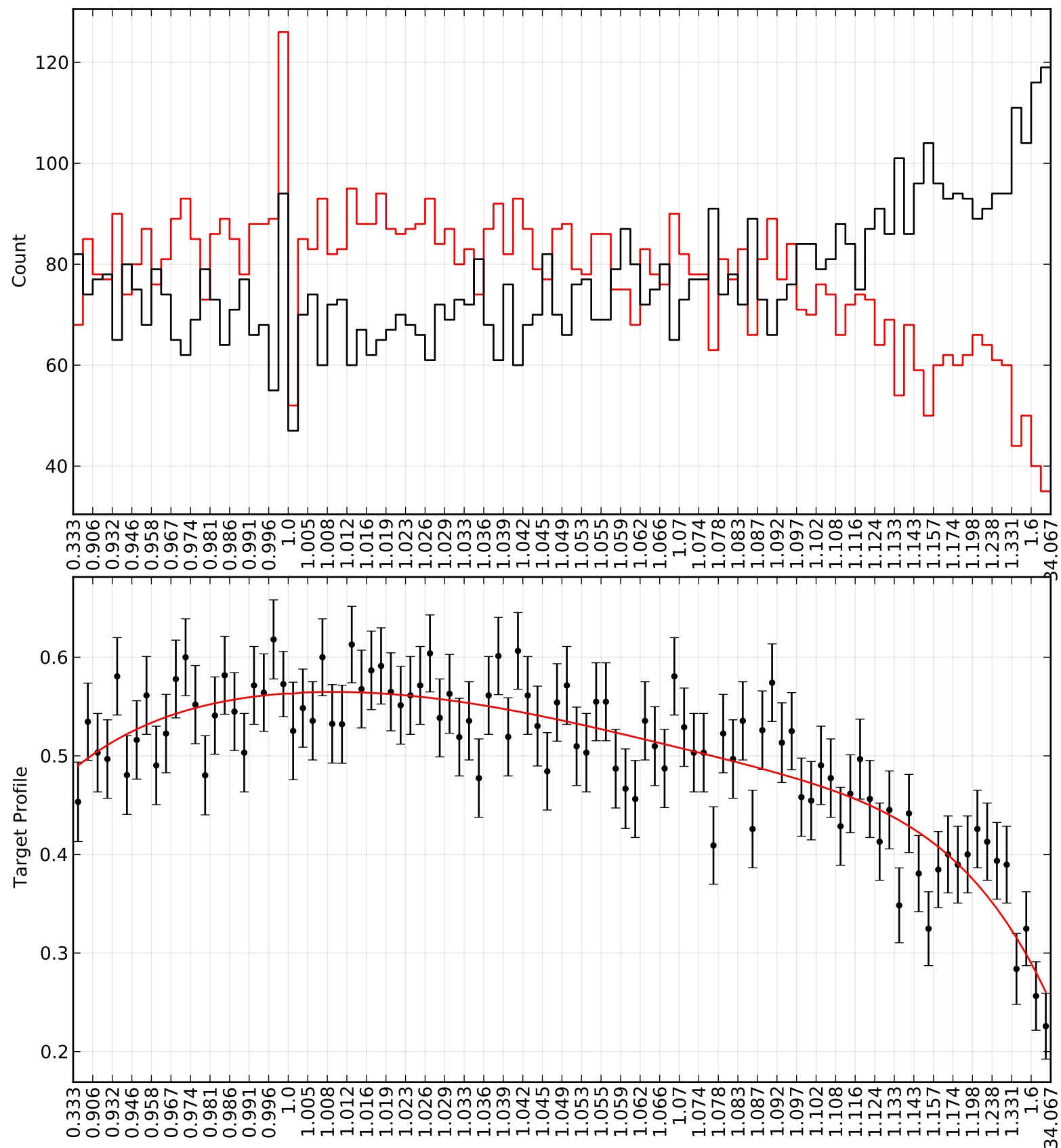
Significance loss when removed:  $1.1 \sigma$

Feature properties: IS\_CONTINUOUS

Neurobayes feature id: 5

Significance of this feature only:  $17.33 \sigma$

Total correlation to others: 40.52 %



## Feature 4: Population

8th most important feature

Neurobayes feature id: 6

Added significance: 1.07  $\sigma$

Significance of this feature only: 4.69  $\sigma$

Significance loss when removed: 1.07  $\sigma$

Total correlation to others: 14.16 %

Feature properties: IS\_CONTINUOUS

