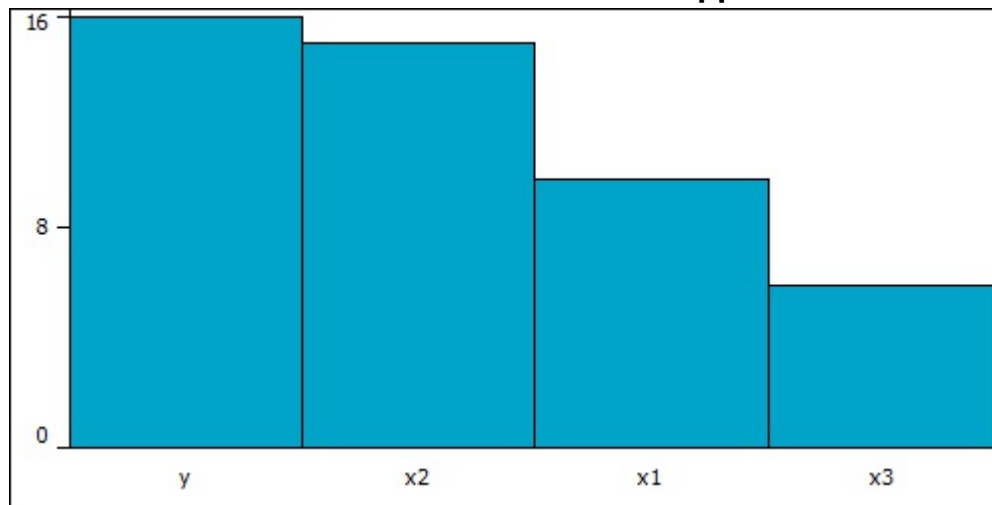


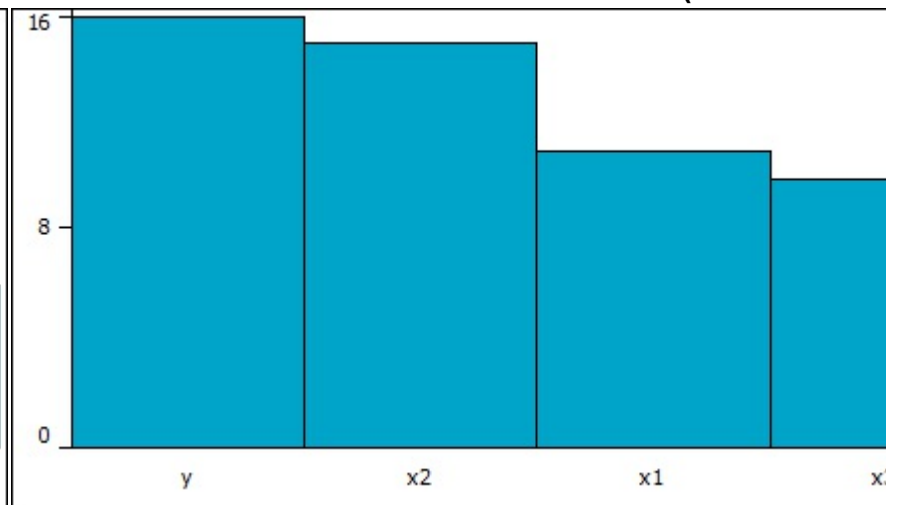
# Eureqa Models

## Variable Occurrences

Number of Models each variable appears in



Number of Occurrences of each variable (across all models)



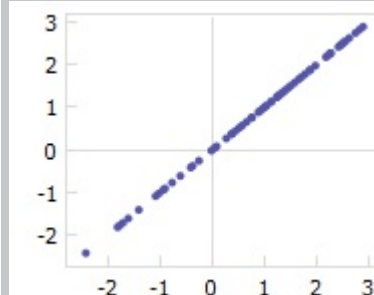
## Model List

Model

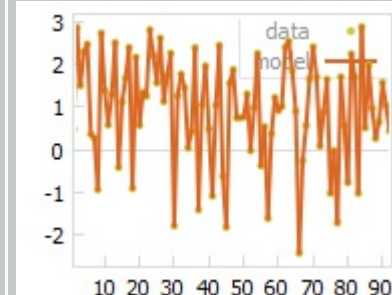
**Model:**  $y = a + b \cdot \log(x3) + c \cdot \cos(d \cdot x1) + \log(x2) - e \cdot \sqrt{x3}$

**Text:**  $y = 0.299999762457004 + 1.00000013352598 \cdot \log(x3) + 1.00000007417821 \cdot \cos(2.0000000847178 \cdot x1) + \log(x2) -$

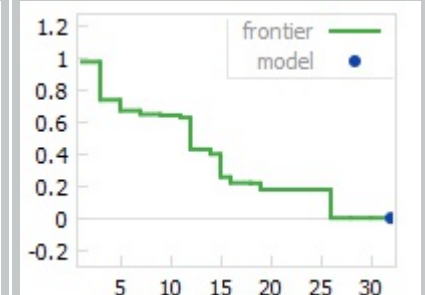
Observed vs. Predicted



Output vs. Row



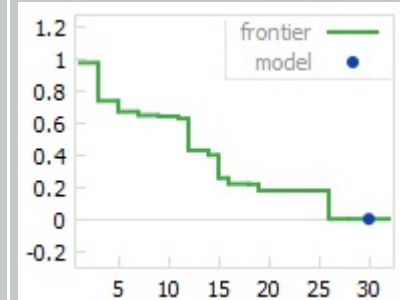
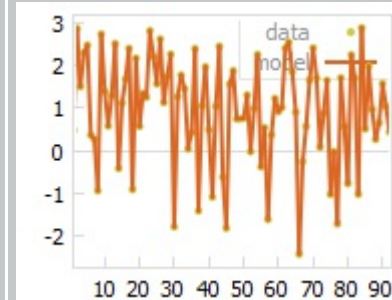
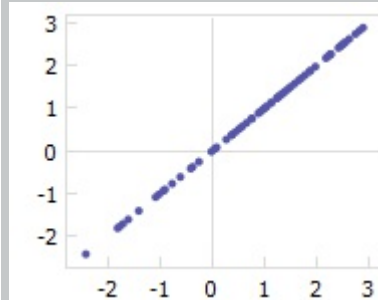
Error/Complexity Pareto



$$0.999999970880477 * \sqrt{x^3}$$

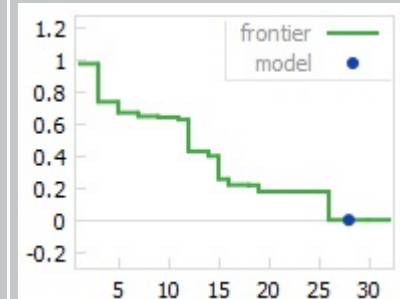
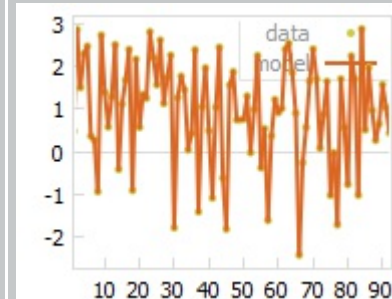
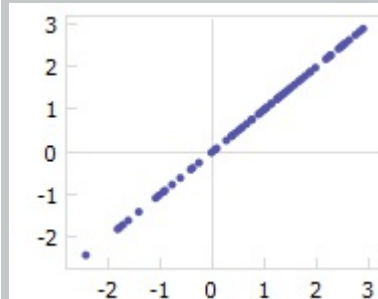
**Model:**  $y = a + b * \log(x^3) + c * \cos(d * x^1) + \log(x^2) - \sqrt{x^3}$

**Text:**  $y = 0.29999978433348 + 1.00000013352598 * \log(x^3) + 1.00000003023968 * \cos(2.0000000847178 * x^1) + \log(x^2) - \sqrt{x^3}$



**Model:**  $y = a + \log(x^2) + \log(x^3) + \cos(b * x^1) - c * \sqrt{x^3}$

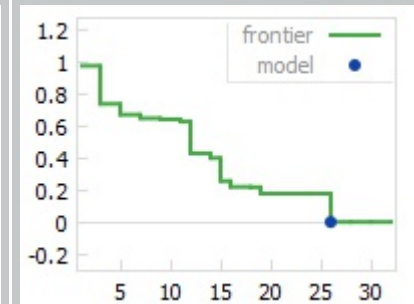
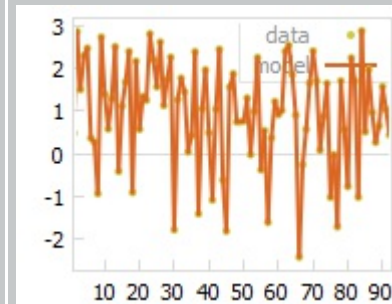
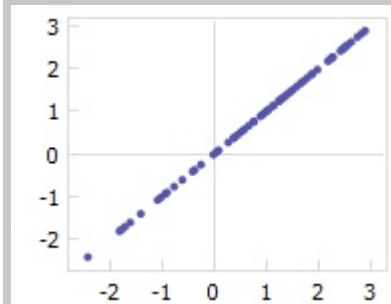
**Text:**  $y = 0.299999582063816 + \log(x^2) + \log(x^3) + \cos(2.0000000847178 * x^1) - 0.999999797572062 * \sqrt{x^3}$



**Model:**  $y = a + \log(x^2) + \log(x^3) + \cos(2 * x^1) - \sqrt{x^3}$

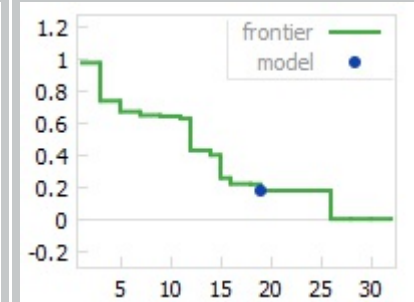
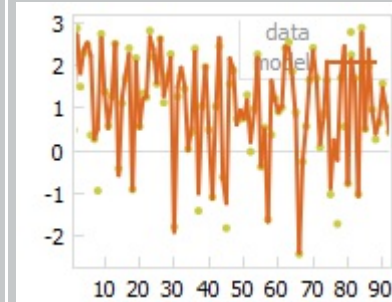
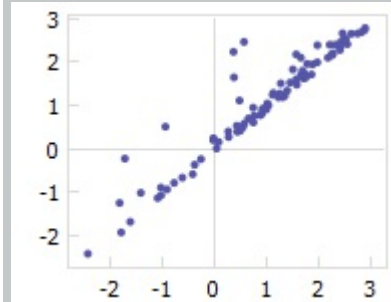
**Text:**  $y = 0.300000018050835 +$

$$\log(x_2) + \log(x_3) + \cos(2*x_1) - \sqrt{x_3}$$



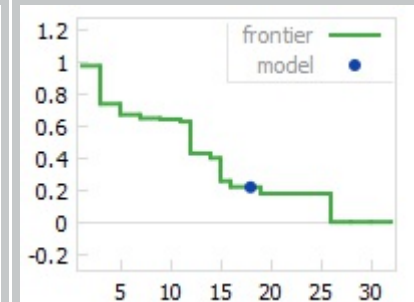
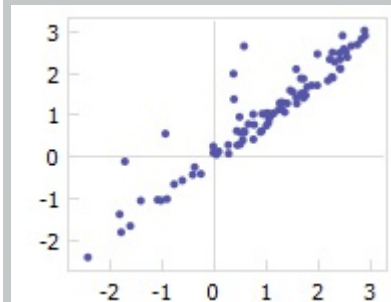
**Model:**  $y = a \cdot \cos(x_1)^2 + \log(x_2) - b$

**Text:**  $y = 1.86847407330236 \cdot \cos(x_1)^2 + \log(x_2) - 1.34401487361391$



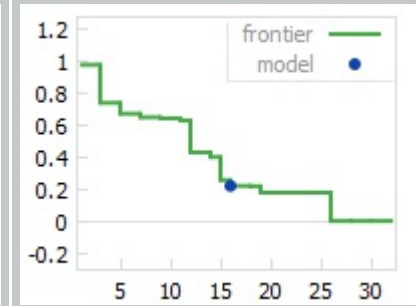
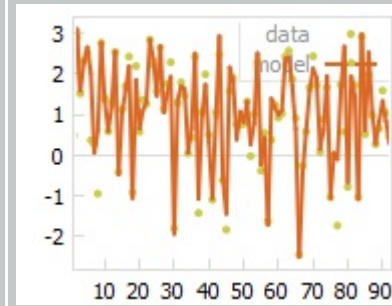
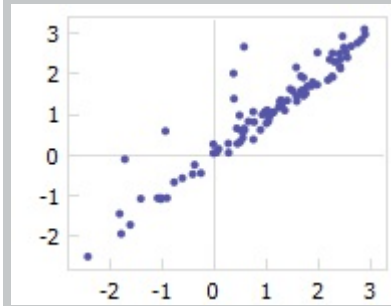
**Model:**  $y = a + b \cdot \log(x_2) + c \cdot \cos(d - x_1)$

**Text:**  $y = 0.950911199717567 + 0.971576880275403 \cdot \log(x_2) + 2.15426463208444 \cdot \cos(4.69411527720347 - x_1)$



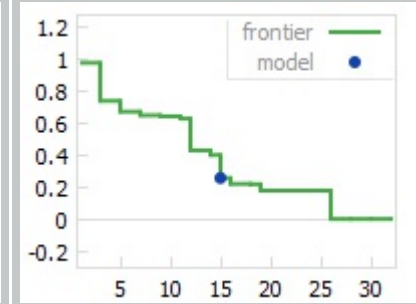
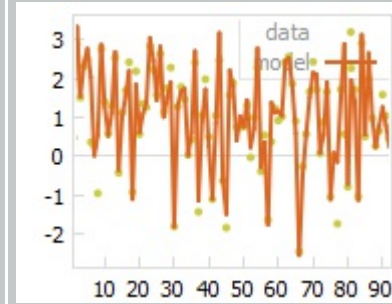
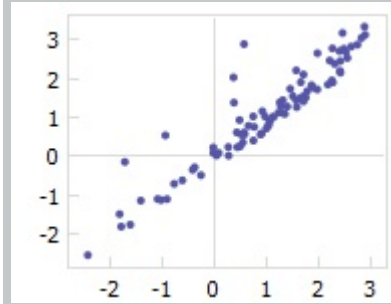
**Model:**  $y = a + b \cdot \cos(c - x_1) + \log(x_2)$

**Text:**  $y = 0.918310482971168 + 2.14186646098533 \cdot \cos(4.68327481911361 - x_1) + \log(x_2)$



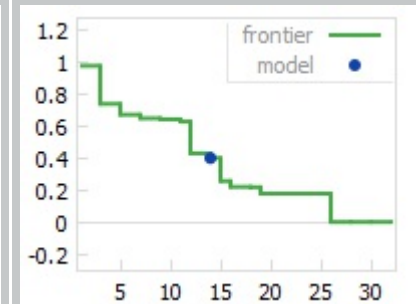
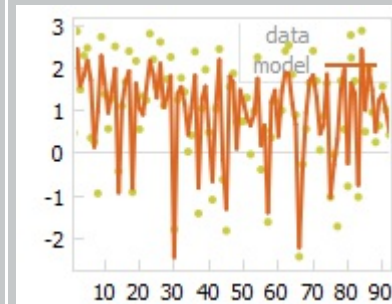
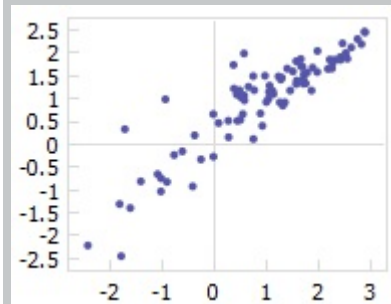
**Model:**  $y = a + x_1^2 + \log(x_2) - b \cdot x_1$

**Text:**  $y = 1.14090718426878 + x_1^2 + \log(x_2) - 3.10057528187917 \cdot x_1$



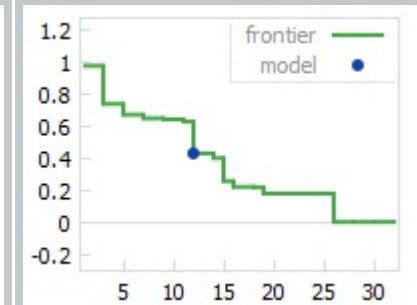
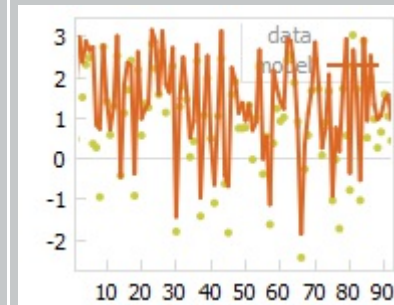
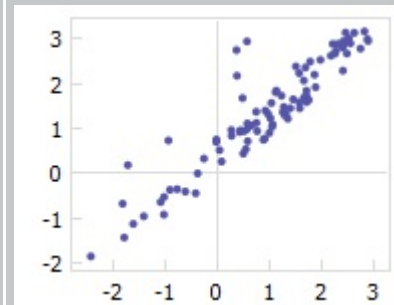
**Model:**  $y = a + \log(x_2) + \cos(b - x_1)$

**Text:**  $y = 0.204730650052623 + \log(x_2) + \cos(4.61552834074223 - x_1)$



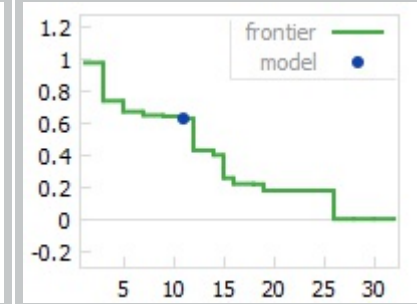
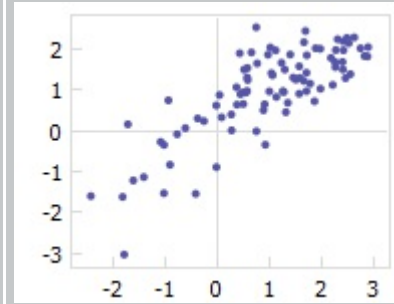
**Model:**  $y = \log(x_2) + \cos(-a \cdot x_1)$

**Text:**  $y = \log(x_2) + \cos(-1.8121549393894 * x_1)$



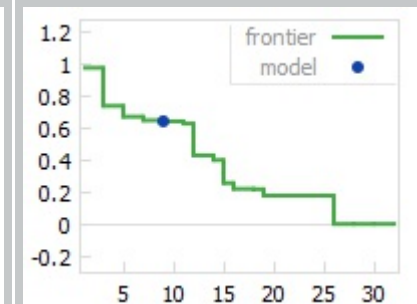
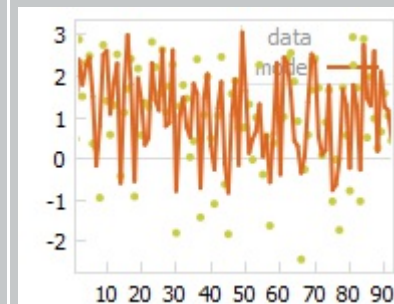
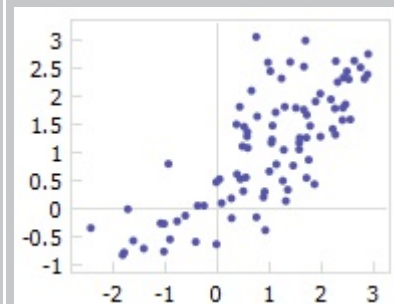
**Model:**  $y = a * x_3 + \log(x_2) - b$

**Text:**  $y = 0.124717389420393 * x_3 + \log(x_2) - 0.992232862004736$



**Model:**  $y = a * x_2 + b * x_3 - c$

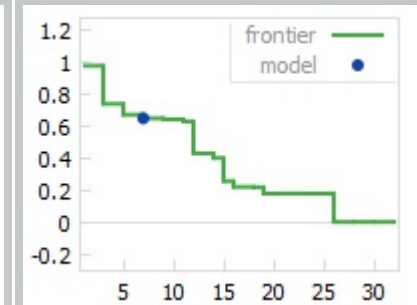
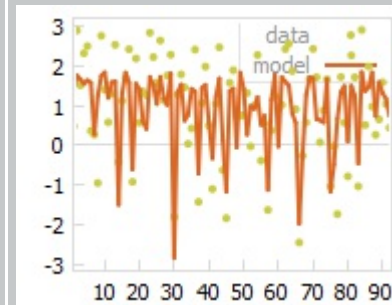
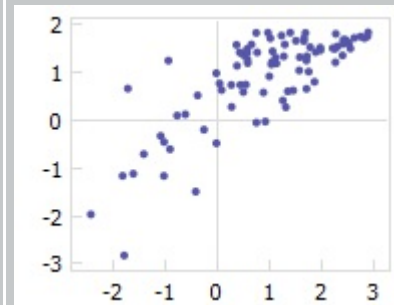
**Text:**  $y = 0.330502171164212 * x_2 + 0.0860096150530599 * x_3 - 1.03696959460229$



**Model:**  $y = \log(x_2) - a$

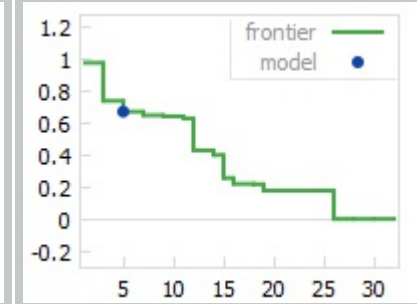
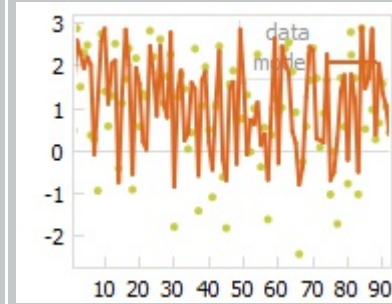
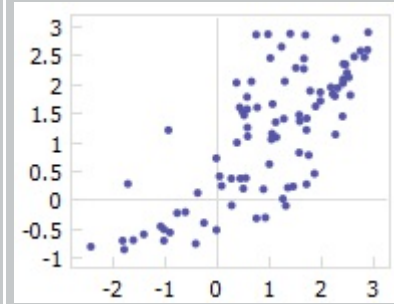


**Text:**  $y = \log(x^2) - 0.458511880613931$



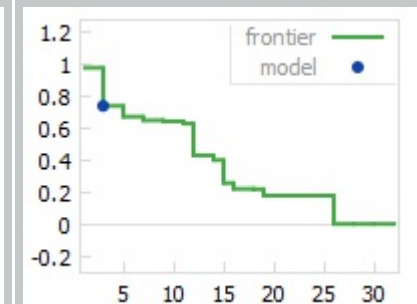
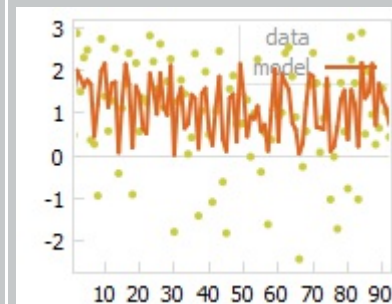
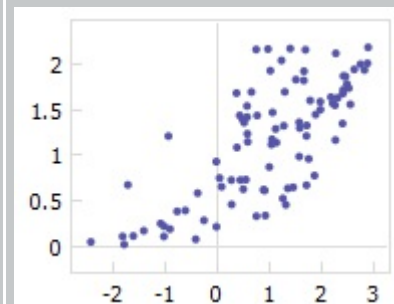
**Model:**  $y = a \cdot x^2 - b$

**Text:**  $y = 0.380851948685951 \cdot x^2 - 0.881918673494313$



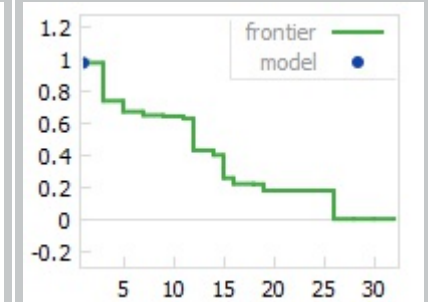
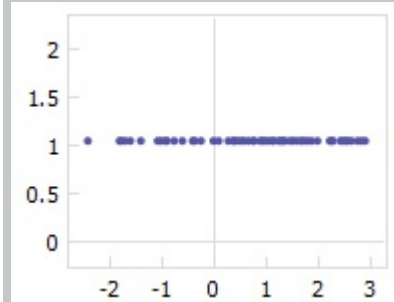
**Model:**  $y = a \cdot x^2$

**Text:**  $y = 0.219565846815887 \cdot x^2$



**Model:**  $y = a$

**Text:**  $y = 1.05135912037705$



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