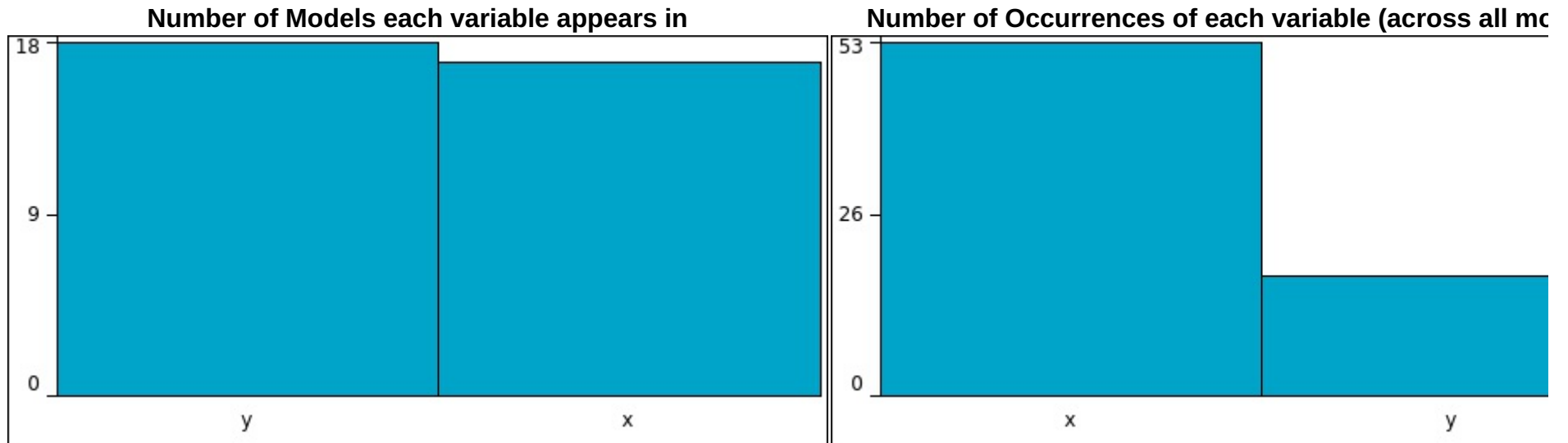


# Eureqa Models

## Variable Occurrences



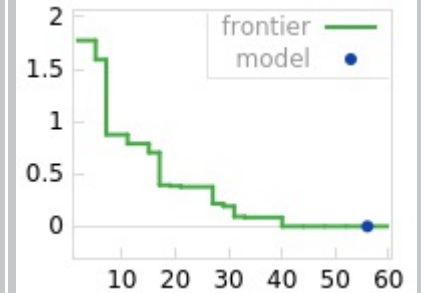
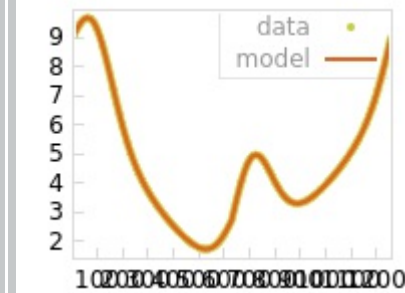
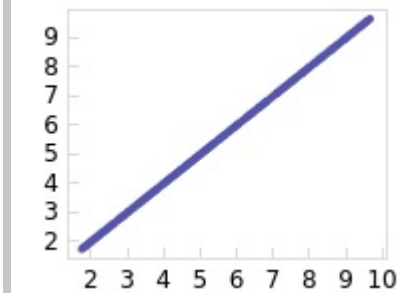
## Model List



$$5 + x)$$

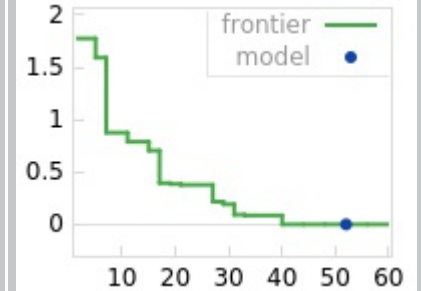
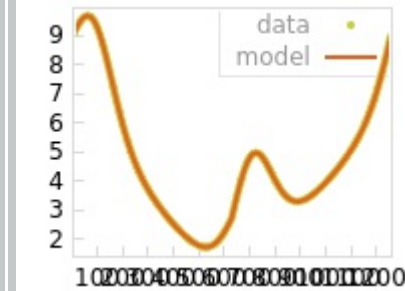
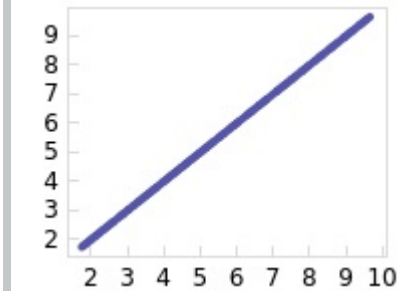
**Model:**  $y = \text{abs}(a + x) + \exp(\sin(b + x)) + \cos(c + x)$

**Text:**  $y = \text{abs}(3.82360809680904e-15 + x) + \exp(\sin(2.69873550694151e-15 + x)) + \cos(3.82360809680904e-15 + x)$



**Model:**  $y = \text{abs}(a + x) + \exp(\sin(b + x)) + \cos(c + x)$

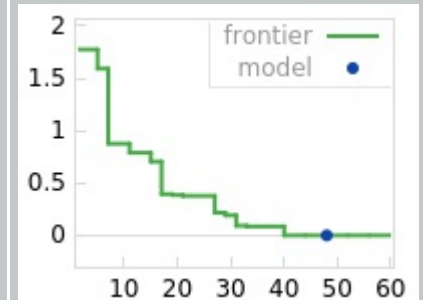
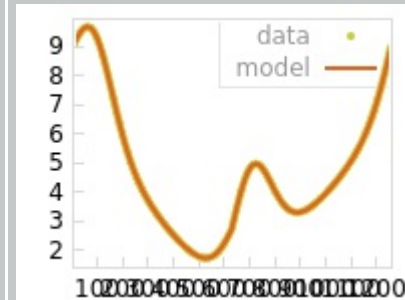
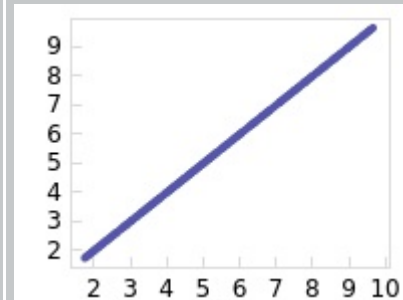
**Text:**  $y = \text{abs}(3.82360809680904e-15 + x) + \exp(\sin(2.26713148254731e-15 + x)) + \cos(3.82360809680904e-15 + x)$



**Model:**  $y = \text{abs}(a + x) + \exp(\sin(x)) + \cos(b + x)$

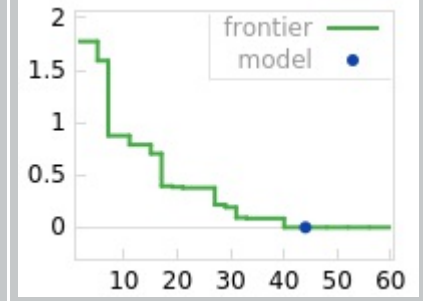
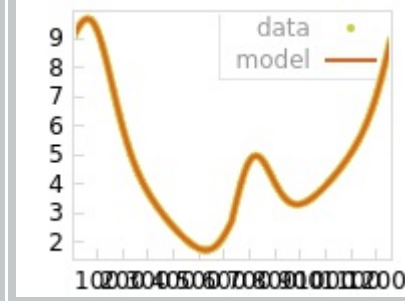
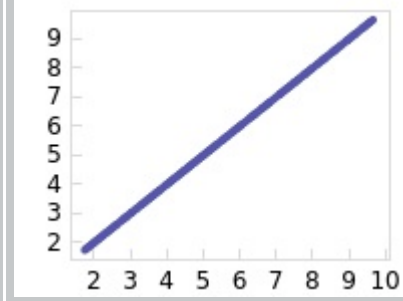
**Text:**  $y = \text{abs}(4.01478850164949e-1$

5 + x) + exp(sin(x) +  
cos(3.03817301648535e-1  
5 + x))



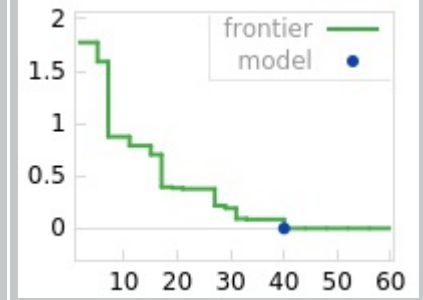
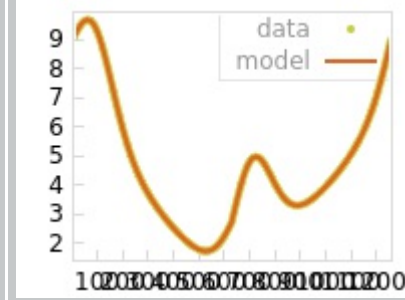
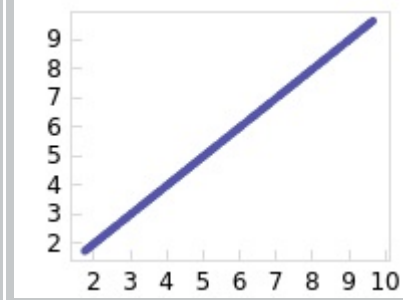
**Model:**  $y = \text{abs}(x) + \exp(\sin(x) + \cos(a + x))$

**Text:**  $y = \text{abs}(x) + \exp(\sin(x) + \cos(2.26713148254731e-15 + x))$



**Model:**  $y = \text{abs}(x) + \exp(\sin(x) + \cos(x))$

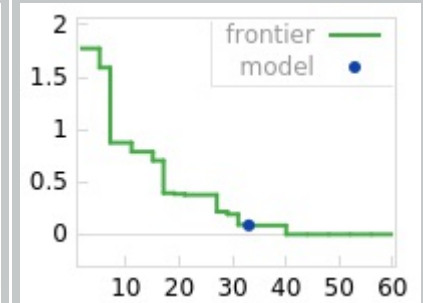
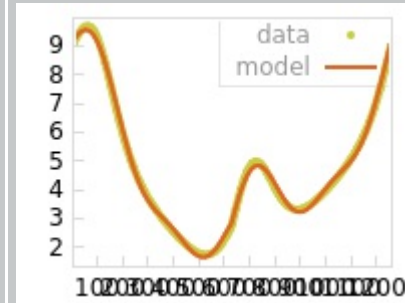
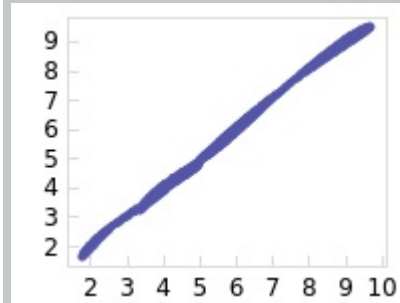
**Text:**  $y = \text{abs}(x) + \exp(\sin(x) + \cos(x))$



**Model:**  $y = a + b \cdot \sin(x) + c \cdot \cos(x) +$

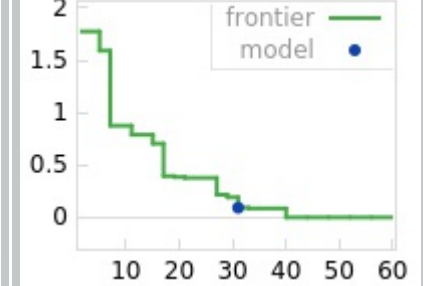
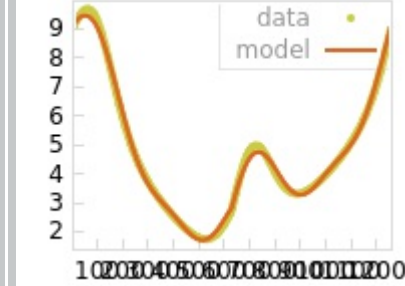
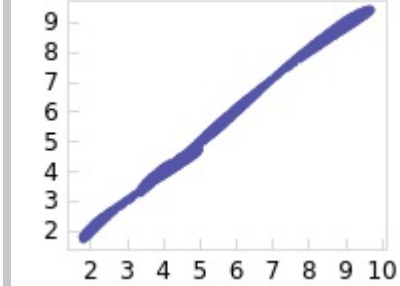
$$d*\sin(x)*\cos(x) + \text{abs}(x)$$

**Text:**  $y = 1.56792749084288 + 1.27068970213739*\sin(x) + 1.27068970213739*\cos(x) + 1.12892684153951*\sin(x)*\cos(x) + \text{abs}(x)$



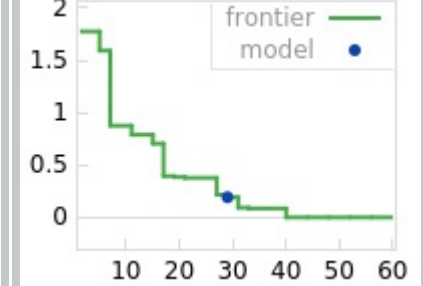
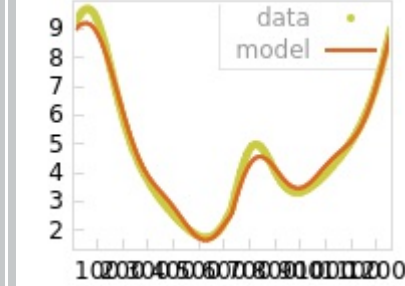
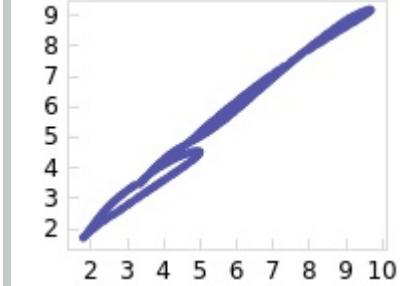
**Model:**  $y = a + b*\cos(x) + c*\sin(x) + \sin(x)*\cos(x) + \text{abs}(x)$

**Text:**  $y = 1.56078614859598 + 1.25457671941785*\cos(x) + 1.25070372249523*\sin(x) + \sin(x)*\cos(x) + \text{abs}(x)$



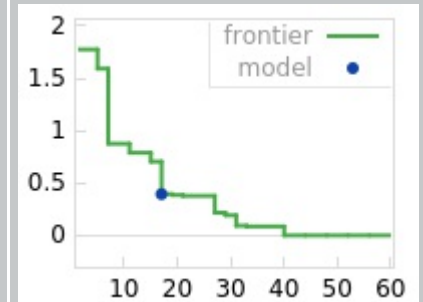
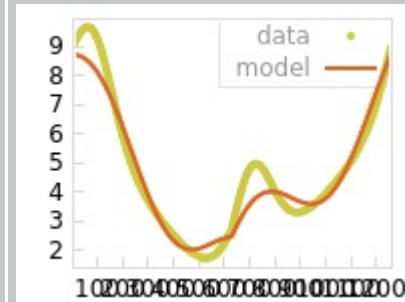
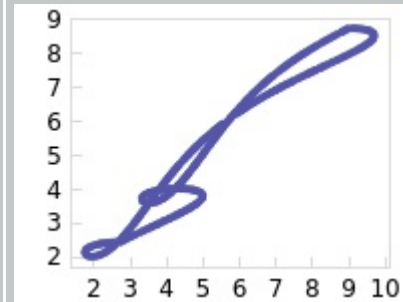
**Model:**  $y = a + b*\sin(x) + \sin(x)*\cos(x) + \cos(x) + \text{abs}(x)$

**Text:**  $y = 1.55401601395908 + 1.17187941380227*\sin(x) + \sin(x)*\cos(x) + \cos(x) + \text{abs}(x)$

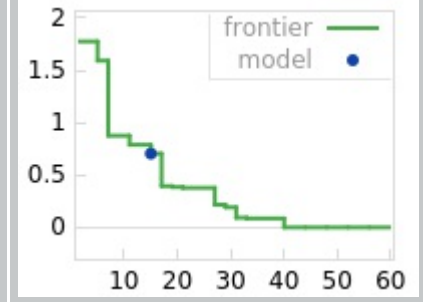
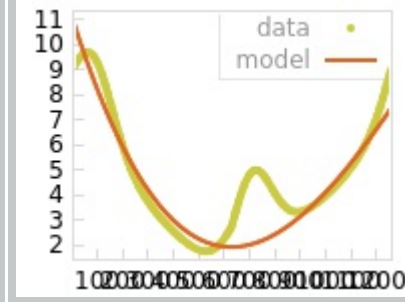
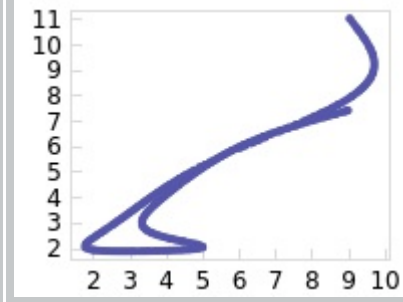


Model	Observed vs. Predicted	Output vs. Row	Error/Complexity Pareto
<p><b>Model:</b> <math>y = a + \sin(x) \cdot \cos(x) + \sin(x) + \cos(x) + \text{abs}(x)</math></p> <p><b>Text:</b> <math>y = 1.50226208458589 + \sin(x) \cdot \cos(x) + \sin(x) + \cos(x) + \text{abs}(x)</math></p>			
<p><b>Model:</b> <math>y = a + b \cdot \sin(x) + c \cdot \cos(x) + \text{abs}(x)</math></p> <p><b>Text:</b> <math>y = 1.53616484144908 + 1.16937840326037 \cdot \sin(x) + 1.16937840326037 \cdot \cos(x) + \text{abs}(x)</math></p>			
<p><b>Model:</b> <math>y = a + b \cdot \cos(x) + \sin(x) + \text{abs}(x)</math></p> <p><b>Text:</b> <math>y = 1.50327820786097 + 1.16837525735055 \cdot \cos(x) + \sin(x) + \text{abs}(x)</math></p>			
<p><b>Model:</b> <math>y = a + \sin(x) + \cos(x) + \text{abs}(x)</math></p>			

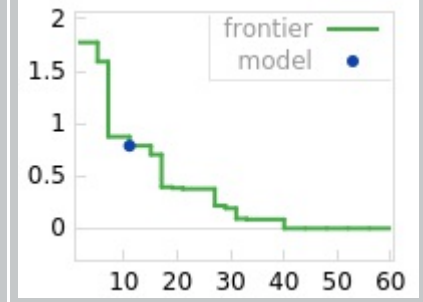
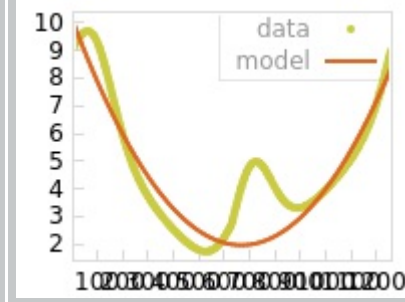
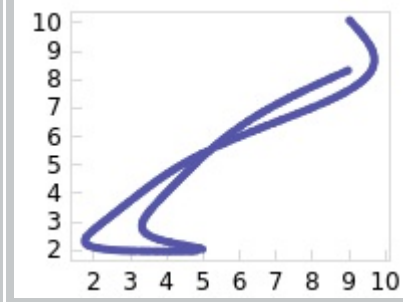
**Text:**  $y = 1.46080284537558 + \sin(x) + \cos(x) + \text{abs}(x)$



**Model:**  $y = a + b \cdot x^2 - c \cdot x^3$   
**Text:**  $y = 1.91112589090487 + 0.186231901269413 \cdot x^2 - 0.00732364744307517 \cdot x^3$

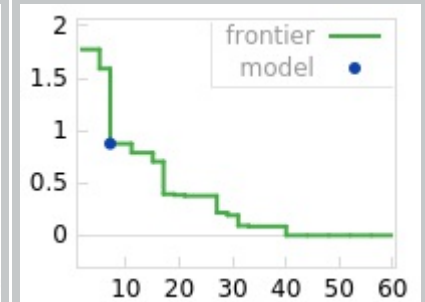
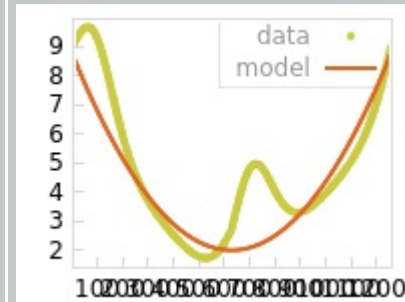
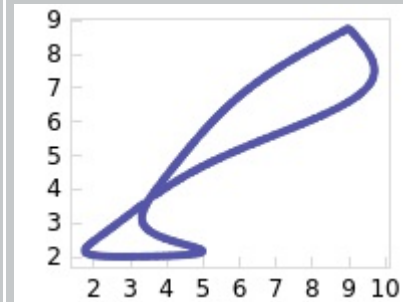


**Model:**  $y = a + b \cdot x^2 - c \cdot x$   
**Text:**  $y = 1.99705832964744 + 0.183226655094039 \cdot x^2 - 0.141109989306725 \cdot x$

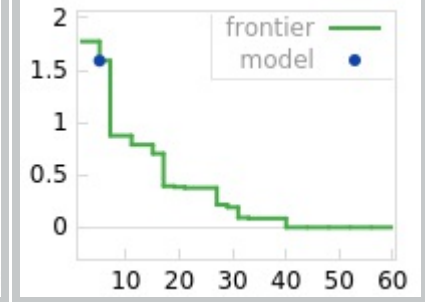
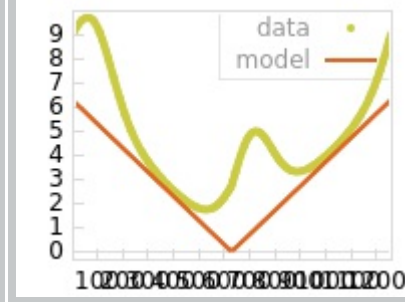
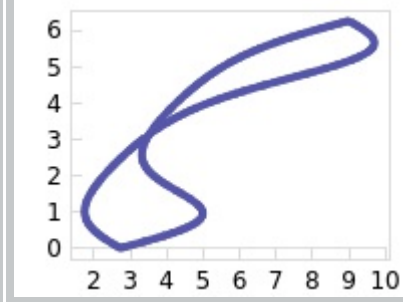


**Model:**  $y = a + b \cdot x^2$

**Text:**  $y = 2.01211452232723 + 0.171256346120497 \cdot x^2$



**Model:**  $y = \text{abs}(x)$   
**Text:**  $y = \text{abs}(x)$



**Model:**  $y = a$   
**Text:**  $y = 4.18243162729048$

