

violin plot for Scenario: ALL, Target: GCost, Subset: small\_inc\_enc

Model: PySRRegressor

Best Equation:  $\text{Clim\_Sens} * \text{Clim\_Sens} * (-(-\cos(\sin(\text{Delay}) * 10.8559475 / \text{Temp\_Limit}) - 0.5603422) + 0.7827204 / ((\text{Temp\_Limit} / \text{Clim\_Sens})) / \text{Temp\_Limit} + 22.247982)$

Temp\_Limit

Clim\_Sens

Delay

SDR

Pop

GDP

-20

SHAP value (impact on model output)

-10

0

10

20

30

Low

Feature value

High

