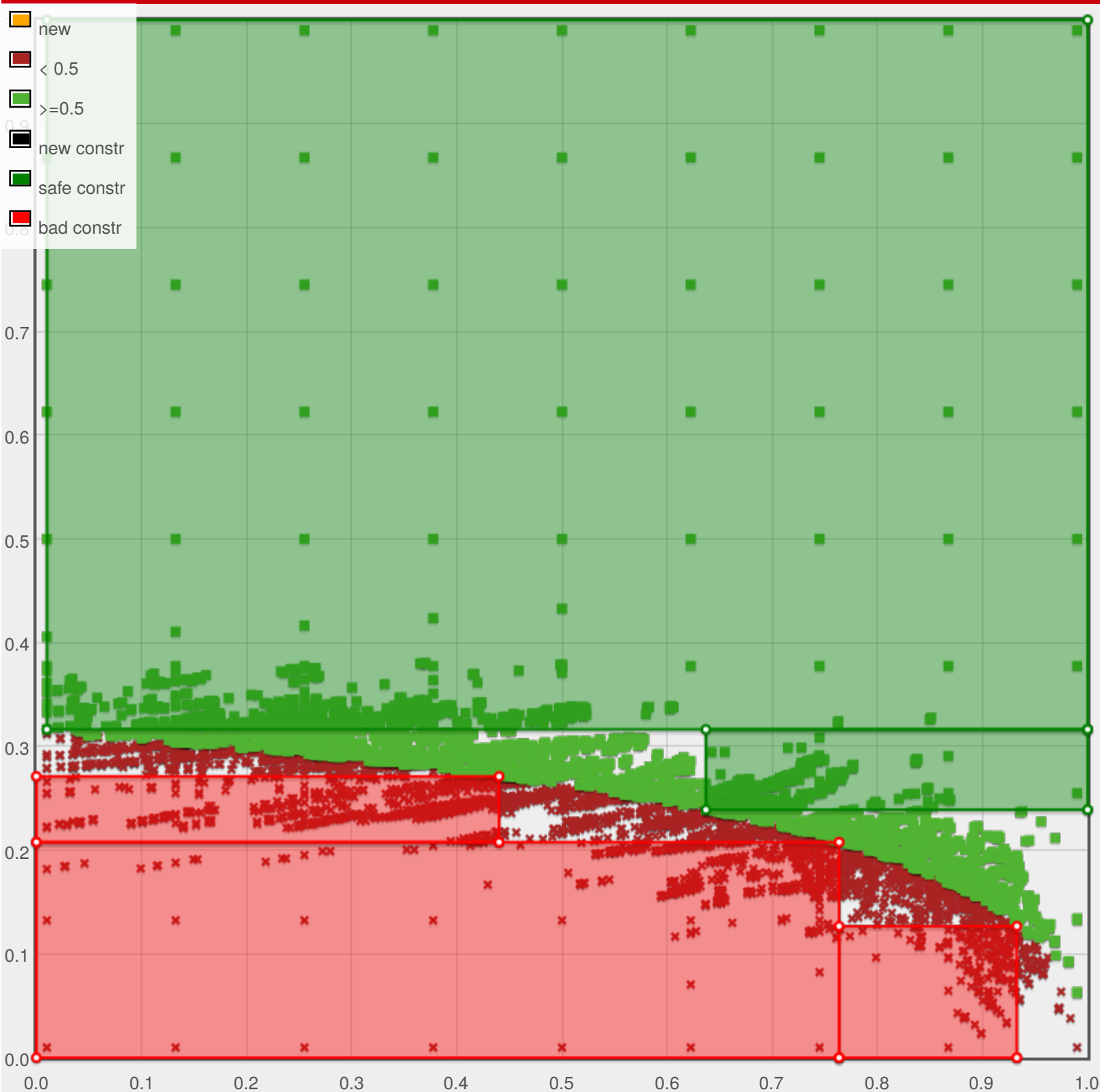


Prophesy UI



Input

[Upload Prism](#)

[Upload result](#)

[Select result](#)

Path to prism file: No file selected.

Path to PCTL file: No file selected.

Run with:

Sampling

[Manual Sampling](#)

[Auto Sampling](#)

Sampling number:

Number of iterations:

Constraints

[Manual Constraints](#)

[Auto Constraints](#)

Settings

Threshold:

SMT Solver:

Info

Rational Function

Parameters: PF, badC

Parameter Constraints:

- PF \geq 0
- PF - 1 \leq 0
- PF + 1 \geq 0
- PF \leq 0
- badC + 1 \geq 0
- badC \leq 0
- badC \geq 0
- badC - 1 \leq 0
- PF $>$ 0
- PF + 1 $>$ 0
- badC + 1 $>$ 0

Result: (-128*PF**5*badC**10 + 1360*PF**5*badC**9 - 6320*PF**5*badC**8 + 16760*PF**5*badC**7 - 27640*PF**5*badC**6 + 28928*PF**5*badC**5 - 18720*PF**5*badC**4 + 6840*PF**5*badC**3 - 1080*PF**5*badC**2 - 960*PF**4*badC**9 + 8880*PF**4*badC**8 - 35280*PF**4*badC**7 + 78000*PF**4*badC**6 - 103200*PF**4*badC**5 + 81360*PF**4*badC**4 - 35280*PF**4*badC**3 + 6480*PF**4*badC**2 - 2880*PF**3*badC**8 + 22680*PF**3*badC**7 - 74880*PF**3*badC**6 + 132750*PF**3*badC**5 - 132570*PF**3*badC**4 + 70290*PF**3*badC**3 - 15390*PF**3*badC**2 - 4320*PF**2*badC**7 + 28080*PF**2*badC**6 - 73980*PF**2*badC**5 + 99090*PF**2*badC**4 - 66960*PF**2*badC**3 + 18090*PF**2*badC**2 - 3240*PF*badC**6 + 16605*PF*badC**5 -