ackleyFunctDummyCase Failed-Global-Constr

January 16, 2020

Statistics for ackleyFunctDummyCase attributes. The following is for points that **Failed-Global-Constr** the constraints:

The following are the statistics for **Param** :

x :

- The average value for x is : -0.1046294884653962
- Standard deviation for x is : 17.144187294193568
- Minimum value for x is : -29.9912
- Maximum value for x is : 29.9647

y :

- The average value for y is : 0.13059869608826474
- Standard deviation for y is : 17.282687608724824
- Minimum value for y is : -29.9539
- Maximum value for y is : 29.9763

The following are the statistics for **Attr** :

$f_{Ac}(x, y)$:

- The average value for $f_{Ac}(x, y)$ is : 19.897913147258205
- Standard deviation for $f_{Ac}(x, y)$ is : 2.5564340411451503
- Minimum value for $f_{Ac}(x, y)$ is : 4.719876970673635
- Maximum value for $f_{Ac}(x, y)$ is : 22.28501750384464

The following are the statistics for **Calc** :

χ_G^2 :

- The average value for χ_G^2 is : 804.924605245113

- Standard deviation for χ_G^2 is : 168.79327291226738

- Minimum value for χ_G^2 is : 44.55447723659065

- Maximum value for χ_G^2 is : 993.2440102933236

$\xi_1(TeV)$:

- The average value for $\xi_1(TeV)$ is : -93.77831147714825

- Standard deviation for $\xi_1(TeV)$ is : 4532.4028088008745

- Minimum value for $\xi_1(TeV)$ is : -54130.44750070003

- Maximum value for $\xi_1(TeV)$ is : 23215.564906422038

$\xi_2(TeV)$:

- The average value for $\xi_2(TeV)$ is : 20551469.59292956

- Standard deviation for $\xi_2(TeV)$ is : 124165350.74218424

- Minimum value for $\xi_2(TeV)$ is : 4.050163783424899

- Maximum value for $\xi_2(TeV)$ is : 2930105346.626042

Δa_μ :

- The average value for Δa_μ is : -46.889155738574125

- Standard deviation for Δa_μ is : 2266.2014044004372

- Minimum value for Δa_μ is : -27065.223750350015

- Maximum value for Δa_μ is : 11607.782453211019