

SO11HosotaniDummyCase Failed-Global-Constr

September 5, 2019

Statistics for SO11HosotaniDummyCase attributes. The following is for points that **Failed-Global-Constr** the constraints:

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

$k(GeV)$:

- The average value for $k(GeV)$ is : 116897.26125610093
- Standard deviation for $k(GeV)$ is : 56753.66577322478
- Minimum value for $k(GeV)$ is : 23002.74017850886
- Maximum value for $k(GeV)$ is : 568436.9874120001

z_L :

- The average value for z_L is : 35.51158350417501
- Standard deviation for z_L is : 3.353918807299803
- Minimum value for z_L is : 20.069850350315654
- Maximum value for z_L is : 51.226730749863854

c_0 :

- The average value for c_0 is : 0.31087783893179227
- Standard deviation for c_0 is : 0.23639113188912023
- Minimum value for c_0 is : 0.0014
- Maximum value for c_0 is : 1.3829290111473

c_1 :

- The average value for c_1 is : 0.1307403227400963
- Standard deviation for c_1 is : 0.10618800928929559

- Minimum value for c_1 is : 1.9287109375015765e-05
- Maximum value for c_1 is : 0.6183685816320001

c_2 :

- The average value for c_2 is : -0.7214982890629599
- Standard deviation for c_2 is : 0.19574939461347296
- Minimum value for c_2 is : -1.2471465930399999
- Maximum value for c_2 is : -0.12421837759999999

c'_0 :

- The average value for c'_0 is : 0.5666514700302607
- Standard deviation for c'_0 is : 0.22584778677532832
- Minimum value for c'_0 is : 0.062000923215999953
- Maximum value for c'_0 is : 3.4910387209040272

μ_1 :

- The average value for μ_1 is : 13.888735291347261
- Standard deviation for μ_1 is : 3.500201755726813
- Minimum value for μ_1 is : 6.841778826343697
- Maximum value for μ_1 is : 45.608172958521905

μ_{11} :

- The average value for μ_{11} is : 0.26519463245451474
- Standard deviation for μ_{11} is : 0.22433254933879357
- Minimum value for μ_{11} is : 0.0006094063999999913
- Maximum value for μ_{11} is : 2.23977

μ'_{11} :

- The average value for μ'_{11} is : 0.31394200750708656
- Standard deviation for μ'_{11} is : 0.2699873323427414
- Minimum value for μ'_{11} is : 0.0005893571040000156
- Maximum value for μ'_{11} is : 1.8800560000000002

$\tilde{\mu}_2$:

- The average value for $\tilde{\mu}_2$ is : 1.4223915407014283
- Standard deviation for $\tilde{\mu}_2$ is : 0.9552462024015388
- Minimum value for $\tilde{\mu}_2$ is : 0.0045119999999998495
- Maximum value for $\tilde{\mu}_2$ is : 7.690852906865141

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

$m_H(GeV)$:

- The average value for $m_H(GeV)$ is : 197.99580066390504
- Standard deviation for $m_H(GeV)$ is : 328.07437698665655
- Minimum value for $m_H(GeV)$ is : 8.823135854901555
- Maximum value for $m_H(GeV)$ is : 4610.913997282132

$m_{\psi_D}(GeV)$:

- The average value for $m_{\psi_D}(GeV)$ is : 2890.295640939804
- Standard deviation for $m_{\psi_D}(GeV)$ is : 1974.7385809123414
- Minimum value for $m_{\psi_D}(GeV)$ is : 539.2456808043827
- Maximum value for $m_{\psi_D}(GeV)$ is : 32477.56040605542

$m_\tau(GeV)$:

- The average value for $m_\tau(GeV)$ is : 31.662172738164287
- Standard deviation for $m_\tau(GeV)$ is : 311.47744607293913
- Minimum value for $m_\tau(GeV)$ is : 6.016735820959428e-08
- Maximum value for $m_\tau(GeV)$ is : 7345.817334940683

$m_\tau^{(1)}(GeV)$:

- The average value for $m_\tau^{(1)}(GeV)$ is : 1268.77011678956
- Standard deviation for $m_\tau^{(1)}(GeV)$ is : 2146.069634724397
- Minimum value for $m_\tau^{(1)}(GeV)$ is : 0.39981220509084303
- Maximum value for $m_\tau^{(1)}(GeV)$ is : 26727.41983603022

$m_\nu(eV)$:

- The average value for $m_\nu(eV)$ is : 35.552836109947066

- Standard deviation for $m_\nu(eV)$ is : 567.0755515499432
- Minimum value for $m_\nu(eV)$ is : 4.2801281026368174e-17
- Maximum value for $m_\nu(eV)$ is : 23208.84250684303

$m_b(GeV)$:

- The average value for $m_b(GeV)$ is : 44.771049016877924
- Standard deviation for $m_b(GeV)$ is : 426.99401201186606
- Minimum value for $m_b(GeV)$ is : 2.799992332437624e-07
- Maximum value for $m_b(GeV)$ is : 8986.845743286196

$m_b^{(1)}(GeV)$:

- The average value for $m_b^{(1)}(GeV)$ is : 3545.32146820829
- Standard deviation for $m_b^{(1)}(GeV)$ is : 1974.5367074235264
- Minimum value for $m_b^{(1)}(GeV)$ is : 79.42419523485768
- Maximum value for $m_b^{(1)}(GeV)$ is : 19681.236900376316

$m_t(GeV)$:

- The average value for $m_t(GeV)$ is : 402.94976693740654
- Standard deviation for $m_t(GeV)$ is : 1490.2290973524666
- Minimum value for $m_t(GeV)$ is : 8.883477218365486e-06
- Maximum value for $m_t(GeV)$ is : 27948.000246701922

$\langle\theta_H\rangle(rads)$:

- The average value for $\langle\theta_H\rangle(rads)$ is : 0.3874396638797592
- Standard deviation for $\langle\theta_H\rangle(rads)$ is : 0.8248729667963653
- Minimum value for $\langle\theta_H\rangle(rads)$ is : 7.849498828704782e-10
- Maximum value for $\langle\theta_H\rangle(rads)$ is : 3.141592653524363

$m_Z(GeV)$:

- The average value for $m_Z(GeV)$ is : 112.85736088360093
- Standard deviation for $m_Z(GeV)$ is : 497.8215473290166
- Minimum value for $m_Z(GeV)$ is : 8.389991418610911e-08
- Maximum value for $m_Z(GeV)$ is : 33173.26121266854

$m_{W^\pm}(GeV)$:

- The average value for $m_{W^\pm}(GeV)$ is : 98.95473443263843
- Standard deviation for $m_{W^\pm}(GeV)$ is : 436.49611000203805
- Minimum value for $m_{W^\pm}(GeV)$ is : 7.356448584483929e-08
- Maximum value for $m_{W^\pm}(GeV)$ is : 29086.72706736274

$m_{Z'}(GeV)$:

- The average value for $m_{Z'}(GeV)$ is : 12211.042794945288
- Standard deviation for $m_{Z'}(GeV)$ is : 5960.648115731036
- Minimum value for $m_{Z'}(GeV)$ is : 2406.1721144785306
- Maximum value for $m_{Z'}(GeV)$ is : 55776.075175680104

T :

- The average value for T is : 0.0
- Standard deviation for T is : 0.0
- Minimum value for T is : 0
- Maximum value for T is : 0

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

χ_G^2 :

- The average value for χ_G^2 is : 366656842.30700296
- Standard deviation for χ_G^2 is : 4907634309.267094
- Minimum value for χ_G^2 is : 18.644696044894935
- Maximum value for χ_G^2 is : 171018837861.34985