SO11HosotaniDummyCase Failed-Global-Constr

August 22, 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 : 5681542.57638
- Standard deviation for $k(GeV)$ is : 3336225.865662806
- Minimum value for $k(GeV)$ is : 260041.1488
- Maximum value for $k(GeV)$ is : 9149896.7418

z_L :

- The average value for z_L is : 1403.69743
- Standard deviation for z_L is : 626.3274225934373
- Minimum value for z_L is : 601.7616
- Maximum value for z_L is : 2488.2181

c_0 :

- The average value for c_0 is : 0.66817
- Standard deviation for c_0 is : 0.1942813683810159
- Minimum value for c_0 is : 0.3247
- Maximum value for c_0 is : 0.8632

c_1 :

- The average value for c_1 is : 0.79619
- Standard deviation for c_1 is : 0.7667618084516208

- Minimum value for c_1 is : 0.0288
- Maximum value for c_1 is : 1.9815

c_2 :

- The average value for c_2 is : 0.19310999999999998
- Standard deviation for c_2 is : 1.6428075970423315
- Minimum value for c_2 is : -2.5767
- Maximum value for c_2 is : 2.2817

c_0' :

- The average value for c_0' is : 0.54623
- Standard deviation for c_0' is : 0.3466326702721484
- Minimum value for c_0' is : 0.0528
- Maximum value for c_0' is : 0.9289

μ_1 :

- The average value for μ_1 is : 16.70764
- Standard deviation for μ_1 is : 9.88566119672326
- Minimum value for μ_1 is : 3.789
- Maximum value for μ_1 is : 32.3107

μ_{11} :

- The average value for μ_{11} is : 31.005969999999998
- Standard deviation for μ_{11} is : 13.028436857816061
- Minimum value for μ_{11} is : 5.7367
- Maximum value for μ_{11} is : 49.5099

μ_{11}' :

- The average value for μ_{11}' is : 25.484
- Standard deviation for μ_{11}' is : 13.61881734094411
- Minimum value for μ_{11}' is : 4.0726
- Maximum value for μ_{11}' is : 42.4539

$\tilde{\mu_2}$:

- The average value for $\tilde{\mu_2}$ is : 22.77051
- Standard deviation for $\tilde{\mu_2}$ is : 12.0946930970116
- Minimum value for $\tilde{\mu_2}$ is : 5.6656
- Maximum value for $\tilde{\mu_2}$ is : 43.1552

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

$m_H(GeV)$:

- The average value for $m_H(GeV)$ is : 124.75168086641563
- Standard deviation for $m_H(GeV)$ is : 0.0
- Minimum value for $m_H(GeV)$ is : 124.75168086641563
- Maximum value for $m_H(GeV)$ is : 124.75168086641563

$m_{\psi_D}(GeV)$:

- The average value for $m_{\psi_D}(GeV)$ is : 2043.7626123058012
- Standard deviation for $m_{\psi_D}(GeV)$ is : 4.547473508864641e-13
- Minimum value for $m_{\psi_D}(GeV)$ is : 2043.7626123058017
- Maximum value for $m_{\psi_D}(GeV)$ is : 2043.7626123058017

$m_\tau(GeV)$:

- The average value for $m_\tau(GeV)$ is : 1.4037049001724715
- Standard deviation for $m_\tau(GeV)$ is : 2.220446049250313e-16
- Minimum value for $m_\tau(GeV)$ is : 1.4037049001724717
- Maximum value for $m_\tau(GeV)$ is : 1.4037049001724717

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

- The average value for $m_\tau^{(1)}(GeV)$ is : 519.918246676715
- Standard deviation for $m_\tau^{(1)}(GeV)$ is : 1.1368683772161603e-13
- Minimum value for $m_\tau^{(1)}(GeV)$ is : 519.9182466767148
- Maximum value for $m_\tau^{(1)}(GeV)$ is : 519.9182466767148

$m_\nu(eV)$:

- The average value for $m_\nu(eV)$ is : 0.09923269565727026

- Standard deviation for $m_\nu(eV)$ is : 1.3877787807814457e-17
- Minimum value for $m_\nu(eV)$ is : 0.09923269565727028
- Maximum value for $m_\nu(eV)$ is : 0.09923269565727028

$m_b(GeV)$:

- The average value for $m_b(GeV)$ is : 4.214955889353396
- Standard deviation for $m_b(GeV)$ is : 8.881784197001252e-16
- Minimum value for $m_b(GeV)$ is : 4.214955889353395
- Maximum value for $m_b(GeV)$ is : 4.214955889353395

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

- The average value for $m_b^{(1)}(GeV)$ is : 2647.6144282218743
- Standard deviation for $m_b^{(1)}(GeV)$ is : 0.0
- Minimum value for $m_b^{(1)}(GeV)$ is : 2647.6144282218743
- Maximum value for $m_b^{(1)}(GeV)$ is : 2647.6144282218743

$m_t(GeV)$:

- The average value for $m_t(GeV)$ is : 170.56438607727006
- Standard deviation for $m_t(GeV)$ is : 2.842170943040401e-14
- Minimum value for $m_t(GeV)$ is : 170.5643860772701
- Maximum value for $m_t(GeV)$ is : 170.5643860772701

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

- The average value for $\langle\theta_H\rangle(rads)$ is : 0.1494806287756314
- Standard deviation for $\langle\theta_H\rangle(rads)$ is : 0.0
- Minimum value for $\langle\theta_H\rangle(rads)$ is : 0.1494806287756314
- Maximum value for $\langle\theta_H\rangle(rads)$ is : 0.1494806287756314

$m_Z(GeV)$:

- The average value for $m_Z(GeV)$ is : 90.86180735942511
- Standard deviation for $m_Z(GeV)$ is : 0.0
- Minimum value for $m_Z(GeV)$ is : 90.86180735942511
- Maximum value for $m_Z(GeV)$ is : 90.86180735942511

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

- The average value for $m_{W^{\pm}}(GeV)$ is : 79.66876016704691
- Standard deviation for $m_{W^{\pm}}(GeV)$ is : 0.0
- Minimum value for $m_{W^{\pm}}(GeV)$ is : 79.66876016704691
- Maximum value for $m_{W^{\pm}}(GeV)$ is : 79.66876016704691

$m_{Z'}(GeV)$:

- The average value for $m_{Z'}(GeV)$ is : 9389.499634445301
- Standard deviation for $m_{Z'}(GeV)$ is : 1.8189894035458565e-12
- Minimum value for $m_{Z'}(GeV)$ is : 9389.499634445303
- Maximum value for $m_{Z'}(GeV)$ is : 9389.499634445303

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^2_G :

- The average value for χ^2_G is : 441.600420883601
- Standard deviation for χ^2_G is : 0.0
- Minimum value for χ^2_G is : 441.600420883601
- Maximum value for χ^2_G is : 441.600420883601