SO11HosotaniDummyCase Passed-Global-Constr

September 11, 2019

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

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

$k(GeV)$:

- The average value for $k(GeV)$ is : 105071.37513307465
- Standard deviation for $k(GeV)$ is : 8829.728423571178
- Minimum value for $k(GeV)$ is : 88446.38053309944
- Maximum value for $k(GeV)$ is : 112410.84315184396

z_L :

- The average value for z_L is : 34.90727772753053
- Standard deviation for z_L is : 3.1220032460986196
- Minimum value for z_L is : 27.190748623708306
- Maximum value for z_L is : 36.511806933593746

c_0 :

- The average value for c_0 is : 0.308033960378404
- Standard deviation for c_0 is : 0.08618406448128736
- Minimum value for c_0 is : 0.10509088
- Maximum value for c_0 is : 0.354175

c_1 :

- The average value for c_1 is : 0.03316286737354403
- Standard deviation for c_1 is : 0.03886049598642136

- Minimum value for c_1 is : 0.013521826171874966
- Maximum value for c_1 is : 0.13364866504201686

c_2 :

- The average value for c_2 is : -0.616650590006312
- Standard deviation for c_2 is : 0.015248342351284538
- Minimum value for c_2 is : -0.650085040050496
- Maximum value for c_2 is : -0.60815

c_0' :

- The average value for c_0' is : 0.5312413786930494
- Standard deviation for c_0' is : 0.03137150056156884
- Minimum value for c_0' is : 0.45441993876039605
- Maximum value for c_0' is : 0.5474

μ_1 :

- The average value for μ_1 is : 14.2273631266834
- Standard deviation for μ_1 is : 1.4416907319140908
- Minimum value for μ_1 is : 13.37972105026245
- Maximum value for μ_1 is : 17.908935606477026

μ_{11} :

- The average value for μ_{11} is : 0.1692783508127348
- Standard deviation for μ_{11} is : 0.08642537246793372
- Minimum value for μ_{11} is : 0.11989191914722325
- Maximum value for μ_{11} is : 0.37149381272156784

μ_{11}' :

- The average value for μ_{11}' is : 0.15840067236470132
- Standard deviation for μ_{11}' is : 0.0025896454150062735
- Minimum value for μ_{11}' is : 0.1515651091085874
- Maximum value for μ_{11}' is : 0.1598402698090231

$\tilde{\mu_2}$:

- The average value for $\tilde{\mu_2}$ is : 1.2378465629180906
- Standard deviation for $\tilde{\mu_2}$ is : 0.3213972379669901
- Minimum value for $\tilde{\mu_2}$ is : 1.0659375
- Maximum value for $\tilde{\mu_2}$ is : 2.060360152470359

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

$m_H(GeV)$:

- The average value for $m_H(GeV)$ is : 126.91867629571271
- Standard deviation for $m_H(GeV)$ is : 1.8116397521351224
- Minimum value for $m_H(GeV)$ is : 123.65087081631302
- Maximum value for $m_H(GeV)$ is : 128.51472269503344

$m_{\psi_D}(GeV)$:

- The average value for $m_{\psi_D}(GeV)$ is : 2400.1302204797125
- Standard deviation for $m_{\psi_D}(GeV)$ is : 303.2313044098941
- Minimum value for $m_{\psi_D}(GeV)$ is : 1925.931452663572
- Maximum value for $m_{\psi_D}(GeV)$ is : 3045.416077505571

$m_\tau(GeV)$:

- The average value for $m_\tau(GeV)$ is : 1.7614551453374265
- Standard deviation for $m_\tau(GeV)$ is : 0.022662732224245682
- Minimum value for $m_\tau(GeV)$ is : 1.7353211027575692
- Maximum value for $m_\tau(GeV)$ is : 1.798150146021534

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

- The average value for $m_\tau^{(1)}(GeV)$ is : 1110.6191430514386
- Standard deviation for $m_\tau^{(1)}(GeV)$ is : 102.07617156162867
- Minimum value for $m_\tau^{(1)}(GeV)$ is : 922.9707374374184
- Maximum value for $m_\tau^{(1)}(GeV)$ is : 1315.8444065327599

$m_\nu(eV)$:

- The average value for $m_\nu(eV)$ is : 0.1023351484521983

- Standard deviation for $m_\nu(eV)$ is : 0.03844255469691437
- Minimum value for $m_\nu(eV)$ is : 0.020601423117924678
- Maximum value for $m_\nu(eV)$ is : 0.1253136701259088

$m_b(GeV)$:

- The average value for $m_b(GeV)$ is : 4.137273155469272
- Standard deviation for $m_b(GeV)$ is : 0.03310969895509541
- Minimum value for $m_b(GeV)$ is : 4.073408533105388
- Maximum value for $m_b(GeV)$ is : 4.201612492937611

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

- The average value for $m_b^{(1)}(GeV)$ is : 3266.234174611118
- Standard deviation for $m_b^{(1)}(GeV)$ is : 526.8643173558373
- Minimum value for $m_b^{(1)}(GeV)$ is : 2555.8239371236305
- Maximum value for $m_b^{(1)}(GeV)$ is : 4331.720012279261

$m_t(GeV)$:

- The average value for $m_t(GeV)$ is : 172.91029896263763
- Standard deviation for $m_t(GeV)$ is : 0.9834432685844747
- Minimum value for $m_t(GeV)$ is : 171.6506327216147
- Maximum value for $m_t(GeV)$ is : 174.90049717679415

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

- The average value for $\langle\theta_H\rangle(rads)$ is : 0.12767810372221994
- Standard deviation for $\langle\theta_H\rangle(rads)$ is : 0.013918304204104335
- Minimum value for $\langle\theta_H\rangle(rads)$ is : 0.103911193361855
- Maximum value for $\langle\theta_H\rangle(rads)$ is : 0.155165775784629

$m_Z(GeV)$:

- The average value for $m_Z(GeV)$ is : 91.69376357179527
- Standard deviation for $m_Z(GeV)$ is : 0.9717246872331073
- Minimum value for $m_Z(GeV)$ is : 89.25591056038012
- Maximum value for $m_Z(GeV)$ is : 92.48139824262924

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

- The average value for $m_{W^{\pm}}(GeV)$ is : 80.39822969752427
- Standard deviation for $m_{W^{\pm}}(GeV)$ is : 0.852020263578247
- Minimum value for $m_{W^{\pm}}(GeV)$ is : 78.2606899265987
- Maximum value for $m_{W^{\pm}}(GeV)$ is : 81.08883755041123

$m_{Z'}(GeV)$:

- The average value for $m_{Z'}(GeV)$ is : 11140.509516008566
- Standard deviation for $m_{Z'}(GeV)$ is : 773.0581907133053
- Minimum value for $m_{Z'}(GeV)$ is : 9301.43968637677
- Maximum value for $m_{Z'}(GeV)$ is : 12097.141738090584

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 : 8.581860560537315
- Standard deviation for χ^2_G is : 2.7888346813481775
- Minimum value for χ^2_G is : 3.776936935524515
- Maximum value for χ^2_G is : 11.061706421095387