SO11HosotaniDummyCase Passed-Global-Constr

September 5, 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 : 102545.25298923405
- Standard deviation for $k(GeV)$ is : 10150.739570549582
- Minimum value for $k(GeV)$ is : 88446.38053309944
- Maximum value for $k(GeV)$ is : 111532.08813198071

z_L :

- The average value for z_L is : 34.62807138489791
- Standard deviation for z_L is : 3.7188535728903758
- 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 : 0.30435817600000004
- Standard deviation for c_0 is : 0.09963364800000002
- 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 : 0.04022502597715335
- Standard deviation for c_1 is : 0.04699877153164676

- 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 : -0.613363936
- Standard deviation for c_2 is : 0.010427872000000038
- Minimum value for c_2 is : -0.6342196800000001
- Maximum value for c_2 is : -0.60815

c_0' :

- The average value for c_0' is : 0.5288039877520793
- Standard deviation for c_0' is : 0.03719202449584158
- 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 : 13.801134676018549
- Standard deviation for μ_1 is : 0.4365866863690681
- Minimum value for μ_1 is : 13.37972105026245
- Maximum value for μ_1 is : 14.430856309513237

μ_{11} :

- The average value for μ_{11} is : 0.17343315583118624
- Standard deviation for μ_{11} is : 0.09910228530166519
- Minimum value for μ_{11} is : 0.1214806946041994
- Maximum value for μ_{11} is : 0.37149381272156784

μ_{11}' :

- The average value for μ_{11}' is : 0.1577530218217175
- Standard deviation for μ_{11}' is : 0.0030939563565650424
- Minimum value for μ_{11}' is : 0.1515651091085874
- Maximum value for μ_{11}' is : 0.1593

$\tilde{\mu_2}$:

- The average value for $\tilde{\mu_2}$ is : 1.2784757804940718
- Standard deviation for $\tilde{\mu_2}$ is : 0.39104151930747416
- 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 : 126.54806474822719
- Standard deviation for $m_H(GeV)$ is : 1.9791447746660478
- 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 : 2383.1850935625316
- Standard deviation for $m_{\psi_D}(GeV)$ is : 363.95621064426314
- 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 : 1.7598878913880143
- Standard deviation for $m_\tau(GeV)$ is : 0.022248953318056403
- 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 : 1119.6665052817143
- Standard deviation for $m_\tau^{(1)}(GeV)$ is : 124.3585412510878
- 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 : 0.10304797813399344

- Standard deviation for $m_\nu(eV)$ is : 0.04123575958105377
- 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 : 4.138890702126393
- Standard deviation for $m_b(GeV)$ is : 0.04114796033951125
- 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 : 3217.8279070009876
- Standard deviation for $m_b^{(1)}(GeV)$ is : 591.3270755368661
- 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 : 172.51153160885588
- Standard deviation for $m_t(GeV)$ is : 0.72586031261418
- Minimum value for $m_t(GeV)$ is : 171.6506327216147
- Maximum value for $m_t(GeV)$ is : 173.3750714867781

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

- The average value for $\langle\theta_H\rangle(rads)$ is : 0.12967860654274205
- Standard deviation for $\langle\theta_H\rangle(rads)$ is : 0.016237903280055848
- 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 : 91.96239132295872
- Standard deviation for $m_Z(GeV)$ is : 0.3340266743239403
- Minimum value for $m_Z(GeV)$ is : 91.57109375403968
- Maximum value for $m_Z(GeV)$ is : 92.48139824262924

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

- The average value for $m_{W^{\pm}}(GeV)$ is : 80.63376584305784
- Standard deviation for $m_{W^{\pm}}(GeV)$ is : 0.2928787328744438
- Minimum value for $m_{W^{\pm}}(GeV)$ is : 80.29067127914671
- Maximum value for $m_{W^{\pm}}(GeV)$ is : 81.08883755041123

$m_{Z'}(GeV)$:

- The average value for $m_{Z'}(GeV)$ is : 10983.833446837914
- Standard deviation for $m_{Z'}(GeV)$ is : 915.8163293336768
- 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 : 7.423636525965094
- Standard deviation for χ^2_G is : 2.9620563955213504
- Minimum value for χ^2_G is : 3.776936935524515
- Maximum value for χ^2_G is : 9.962575142635524